



APPENDIX E. CAPABILITY ASSESSMENT



Capability Assessment Form State of New Jersey All-Hazard Mitigation Plan Update

Michael Baker
INTERNATIONAL

Organization Name: Board of Public Utilities	
Description of Organization	While the NJBPU is an independent agency, it coordinates closely with Treasury. NJBPU works with private utility companies to provide analysis of natural hazard information affecting the provision of electric power, telecommunications, public water, sewage collection and treatment, and other regulated public utilities. The data is used during response and recovery efforts in the event of emergency or disaster and is also used to analyze impact of mitigation plans and projects.
Point of Contact	Name/Title: Dean Taklif, Principal Planner, Division of Reliability & Security Email: james.giuliano@bpu.state.nj.us Phone: 609-292-4318 Address: 44 S. Clinton Avenue, Trenton, NJ 08625 Website: http://www.bpu.state.nj.us/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	All Hazards
Describe your organization's contribution to loss reduction from hazards.	Facilitation/ Supports pre and post hazard mitigation.
Does your organization provide technical assistance?	Yes, technical assistance for the facilitation and support for pre- and post-hazard mitigation.
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	Yes, Staff continues to partner with NJEOM, DOT and Treasury to finalize key provisions of the Emergency Fuel Plan. In 2016, GORR (Governor's Office of Recovery and Rebuilding) approved the reallocation of approximately \$2 million in FEMA funds to enhance the State's vehicle fueling facilities providing flexibility and resiliency to the State's fueling capabilities during an emergency event. The emergency fueling plan and related initiatives with public and private sector partners is based on lessons learned from Superstorm Sandy and is an action plan for the emergency distribution of fuel during disasters.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	It participates in tabletop exercises, preparedness workgroups, security initiatives, and overall disaster preparedness activities. A major obligation of staff is to maintain preparedness for any utility event or situation and respond to activations of the state Emergency Operations Center at any time. Staff also plans for intentional acts and accidents.
Is Funding available for Hazard Mitigation?	No
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes, reliability and security of all lifeline utility services and critical infrastructure for the State of New Jersey: electric, natural gas, water and telecommunications. This includes responsibility for consequence management of any petroleum shortages as well as cyber security.



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Organization Name: New Jersey Delaware Flood Mitigation Traks Force & Delaware River Basin Commission Interstate Flood Mitigation Task Force	
Description of Organization	As a result of the multiple flooding events that occurred on the Delaware River in 2004-2006, four governors directed DRBC staff to convene an interstate task force to develop a set of recommended measures for mitigating and alleviating flooding impacts along the Delaware and its tributaries. In July 2007, the Delaware River Basin Interstate Flood Mitigation Task Force forwarded to the four basin state governors its action agenda for a more proactive, sustainable, and systematic approach to flood damage reduction. The final report with 45 consensus recommendations addressed six management areas: flood warning, reservoir operations, floodplain regulation, floodplain mapping, structural and non-structural mitigation, and stormwater management.
Point of Contact	Name/Title: Joseph Ruggeri, P.E., CFM, Supervising Engineer Email: joseph.ruggeri@dep.nj.gov Phone: (609) 292-2296 Address: 501 East State Street, Mail Code 501-01A, P.O. Box 420, Trenton, NJ 08626-0420 Website: http://www.nj.gov/drbc/programs/flood/index.html
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Flood Risk Reduction
Describe your organization's contribution to loss reduction from hazards.	The Task Force was instrumental in reviewing and providing comments for the new Flood Control Act regulations and supports pre and post hazard mitigation. The Governor relies on the Task Force as an Advisory body for flooding issues.
Does your organization provide technical assistance?	No, but it is a recommendation in the Multi-Jurisdictional Flood Mitigation Plan For The Non-Tidal N.J. Section of the DRB
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Multi-Jurisdictional Flood Mitigation Plan For The Non-Tidal N.J. Section of the DRB One of the six priority management areas identified in the Interstate Flood Mitigation Task Force Report was structural and non-structural mitigation measures. Two of the nine specific recommendations in this management area included: Provide training for local officials to maximize use of available mitigation funding; and Evaluate and coordinate flood mitigation plans and strategies
Does your organization hold or attend mitigation trainings/seminars/ conferences?	No
Is Funding available for Hazard Mitigation?	No
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Thanks to a grant awarded by FEMA in 2006, DRBC partnered with the N.J. Department of Environmental Protection and the state's Office of Emergency Management to develop a multi-jurisdictional flood mitigation plan for 43 New Jersey municipalities located in Hunterdon, Mercer, Sussex and Warren counties in the DRB. This plan, which was approved by the Federal Emergency Management Agency (FEMA) in a letter dated November 7, 2008, contains over 160 locally developed mitigation actions that, if implemented, could reduce future flood loss.



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Organization Name:		Delaware Valley Regional Planning Commission
Description of Organization	The Delaware Valley Regional Planning Commission is the federally designated Metropolitan Planning Organization for a diverse nine-county region in two states: Bucks, Chester, Delaware, Montgomery, and Philadelphia in Pennsylvania; and Burlington, Camden, Gloucester, and Mercer in New Jersey. The DVRPC hopes to that increase mobility choices by investing in a safe and modern transportation system; that protects and preserves our natural resources while creating healthy communities; and that fosters greater opportunities for all.	
Point of Contact	Name: Chris King Email: cking@dvrpc.org Phone: 215-592-1800 Address: 190 N. Independence Mall West, 8th Floor, Philadelphia, PA 19106-1520 Website: https://www.dvrpc.org/	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	All Hazards	
Describe your organization's contribution to loss reduction from hazards.	Open Space Planning, Coastal Zone Management, Climate Change Resiliency Planning, Municipal Tools and Services to Protect the Environment, and community outreach and engagment.	
Does your organization provide technical assistance?	Yes. DVRPC provides municipalities with tools and resources that help assist communities with land use planning. The also provide resources for funding opportunities, technical assistance programs, consultant opportunities, economic development, and smart growth.	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Yes. -Connections 2045 Long-Range Plan for Greater Philadelphia -Sea Level Rise Impacts in the Delaware Estuary of Pennsylvania -State and Local Governments Plan for Development of Most Land Vulnerable to Rising Sea Level along the U.S. Atlantic Coast	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes. Coastal Zones meetings, Information Resources Exchange Groups, Public Participation Task Force, as well as other Conferences.	
Is Funding available for Hazard Mitigation?	Yes. DVRPC provides municipalities with funding resources.	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes. Integrating comprehensive planning and hazard mitigation workshops.	



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Organization Name:		New Jersey Department of Agriculture (NJDA)
Description of Organization	Preparing the agricultural community and the food industries it supplies to endure natural and man-made hazards with the least loss possible.	
Point of Contact	Name/Title: Jeff Beach, NJDA Policy Advisor/Emergency Management Coordinator Email: jeffrey.beach@ag.nj.gov Phone: 609-439-2038 Address: 369 S. Warren St., PO Box 330, Trenton, NJ 08625 Website: http://www.state.nj.us/agriculture/	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	Drought, crop failure, animal disease, extreme weather, extreme winter weather	
Describe your organization's contribution to loss reduction from hazards.	Early warnings (and periodic reminders) to farmers about the need to harvest what is possible and protect livestock when severe weather is approaching, conducted through NJAES Extension Service and NJ Farm Bureau. Also, as severe weather approaches, activation of County Animal Response Teams (CARTs) to ensure potential evacuees are aware not to leave pets behind but instead to seek out animal-friendly shelters and/or other temporary housing. Also, reminders and seminars on animal health to keep farmers current on preventing loss of livestock through unvaccinated exposure to animal diseases.	
Does your organization provide technical assistance?	Yes. Advice of Department and Division of Animal Health personnel on issues surrounding approaching severe weather and/or animal disease. Advice to farmers regarding preventing crop loss to approaching severe weather or unexpected frosts (upon which waivers are sought from DEP to allow farmers to conduct open burns to maintain a higher temperatures near crops and thus counteract the effect of frosts.	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Yes, The New Jersey Department of Agriculture is the lead agency responsible for Emergency Support Function 11 (ESF11) in the State Emergency Operations Plan	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes, Periodic training of CART and Animal Emergency Working Group (AEWG) volunteers. Materials and trainings on preventing crop loss as part of annual State Agricultural Convention each February, held in conjunction with Vegetable Growers Association and other agricultural trade groups.	
Is Funding available for Hazard Mitigation?	No	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	The New Jersey Department of Agriculture is the lead agency responsible for Emergency Support Function 11 (ESF11) in the State Emergency Operations Plan.	



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Organization Name:		New Jersey Department of Banking & Insurance
Description of Organization	The mission of the Department of Banking and Insurance is to regulate the banking, insurance and real estate industries in a professional and timely manner that protects and educates consumers and promotes the growth, financial stability and efficiency of those industries.	
Point of Contact	Name/Title: Gabrielle N. Gallagher Email: gabrielle.gallagher@dobi.nj.gov Phone: 609-633-7667 PO Box PO Box 325, Trenton, NJ 08625 http://www.state.nj.us/dobi/index.html	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	The Department is engaged with industry on multiple hazards that impact the State. We require both N.J. Insurers and NJ banks to have Continuity Plans and to provide the Department with emergency contact information. We also have in place Bulletin A17-03 & 17-07 which pertains to emergency measures that NJ Banks need to be prepared to implement and Bulletin 17-04 and	
Describe your organization's contribution to loss reduction from hazards.	The Department provides assistance and issued Order (A07-126) mandating companies authorized to sell insurance to have a prepared Business Continuation Plan. Bulletin 17-04 subsequently reminded them of this obligation along with the obligation to provide the Department with emergency contact information. Similar Bulletins were issued for Banking at A16-08 and 17-03.	
Does your organization provide technical assistance?	Yes. The Department can provide assistance with the understanding of insurance contracts, insurance market conditions and with data collection regarding claims activity.	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Yes. The Department has begun working with NJOHSP and State police to provide insurance adjusters with emergency i.d. cards which would enable them to be second in line into a disaster area after First Responders. This will enable faster mitigation of disasters for homeowners and businesses. The Department partners with industry to promote awareness, to encourage property owners to have a plan in place and to make sure industry leaders have and test their plans. In addition to Bulletins 17-03 and 17-04, the Department has issued releases reminding homeowners to check their policies and have a plan in place.	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes.	
Is Funding available for Hazard Mitigation?	No	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes.	



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Organization Name:		Department of Community Affairs -The Sandy Recovery Division
Description of Organization	The Sandy Recovery Division manages the majority of the federal funds that will be used to assist New Jersey in recovering from Superstorm Sandy. These funds come from the Community Development Block Grant (CDBG) Disaster Recovery programs of the U.S. Department of Housing and Urban Development. The Division is committed to efficiently and effectively addressing the long-term needs of New Jersey's Sandy-impacted residents and communities.	
Point of Contact	Name/Title: Samuel Viavattine via Darlene Casale, Sandy Recovery Division Email: 'darlene.casale@dca.nj.gov' Phone: (609) 292-3750 PO Box 800 Trenton, NJ 08625-0800 https://www.nj.gov/dca/divisions/sandyrecovery/	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	Flood-related hazards	
Describe your organization's contribution to loss reduction from hazards.	Administers the CDBG-DR funds Superstorm Sandy disaster recovery and rebuilding activities	
Does your organization provide technical assistance?	Provides information on Housing Counseling and Rental Assistance Programs in order to meet the continuing needs of highly vulnerable households hit hard by Superstorm Sandy.	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Yes, The State's Community Development Block Grant Disaster Recovery (CDBG-DR) Action Plan was approved by the United States Department of Housing and Urban Development (HUD) on April 29, 2013. This plan and its amendments detail how the State is spending the \$4.17 billion in federal CDBG-DR funds it received for eligible Superstorm Sandy disaster recovery and rebuilding activities. The documents describe the State's use of CDBG-DR funds, including criteria for eligibility and how these funds will address disaster relief, long-term recovery, restoration of infrastructure, and housing and economic revitalization in the most impacted and distressed areas.	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	New Jersey Department of Community Affairs (DCA) hosts free Housing Resource Fairs to provide Sandy-impacted residents with information about helpful housing resources. While applications for grant funds and housing vouchers are no longer being accepted, resources such as housing counseling, utility assistance, and housing search help are still available.	
Is Funding available for Hazard Mitigation?	Community Development Block Grant (CDBG) Disaster Recovery programs of the U.S. Department of Housing and Urban Development. Including: Reconstruction, Rehabilitation, Elevation, and Mitigation (RREM) Program Low-to-Moderate Income Homeowners Rebuilding (LMI) Program Fund for Restoration of Multifamily Housing (FRM) Program Sandy Tenant-Based Rental Assistance (TBRA) Program	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes	



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Organization Name:		Department of Corrections
Description of Organization	The Department of Corrections is responsible for operations and management of prison facilities in the U.S. state of New Jersey. The department operates 13 major institutions. The department is headquartered in Trenton.	
Point of Contact	Name/Title: Clay McClain, Lieutenant at NJDOC - Special Operations/Emergency Management Email: Clay.mccain@doc.nj.gov Phone: 856-506-9106 Address: Whittlesey Rd, Trenton, NJ 08618 Website: https://www.state.nj.us/corrections/pages/index.shtml	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	Flood, Hurricane and Tropical Storms, Severe Weather, Nor'Easters, Winter Storms, Civil Unrest, Cyber Attacks, Hazardous Substances, Power Outages, Terrorism	
Describe your organization's contribution to loss reduction from hazards.	The state and each of the 13 facilities has an updated Continuity of Operations Plan (COOP). A COOP details all the activities, plans and procedures an agency must have to ensure that essential services are provided to the State's citizens and businesses during emergencies. -ESF-13 Public Safety and Security integrates Federal public safety and security capabilities and resources to support the full range of incident management activities associated with potential or actual incidents requiring a coordinated Federal response. The ESF-13 has allowed response and recovery for Puerto Rico post Hurricane Irma.	
Does your organization provide technical assistance?	Special Operations Response Team Canine Unit Correctional Emergency Response Team Enhanced Security Transportation Unit Critical Incident Negotiation Unit Office of Emergency Management Hazmat Team (Chemical Ordnance Biological Radiological Aid) Forward Area Strike Teams	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	The state and each of the 13 facilities has an updated Continuity of Operations Plan (COOP). A COOP details all the activities, plans and procedures an agency must have to ensure that essential services are provided to the State's citizens and businesses during emergencies.	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	<ul style="list-style-type: none"> • Crowd Control • Hazmat & Fire Response • Confined Space Awareness • Active Shooter Training • Civil Unrest Training 	
Is Funding available for Hazard Mitigation?	Yes	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	The unit is a liaison with the State of New Jersey's Office of Emergency Management, and also maintains mutual aid agreements with local, state, and federal law enforcements	



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Organization Name:		New Jersey Department of Education
Description of Organization	The NJ Department of Education (DOE) has oversight and review authority over all public schools in New Jersey. The DOE does not own any property or facilities. All public schools are owned by their respective school districts.	
Point of Contact	Name/Title: Ben Castillo, Director, Email: ben.castillo@doe.nj.gov Phone: 609-584-4297 Address: P.O. Box 091 Trenton, NJ 08691 Website: http://education.state.nj.us	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	The DOE has no direct role in hazard mitigation at public schools. The DOE provides information to school districts about hazard mitigation planning being done at the state and county level. There are no DOE staff directly handling mitigation activities. The DOE has an Office of Facilities with the role of reviewing and approving individual school districts plans for new building construction and major maintenance work.	
Describe your organization's contribution to loss reduction from hazards.	We share information with individual school districts about federal, state and county work tied to reducing losses.	
Does your organization provide technical assistance?	The DOE shares staff with the OHSP whose role is to work with school districts for public safety training, fire safety, building security and other types of work.	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	The DOE Facilities regulations typically do not cover this type of issue. These issues are usually required and enforced by the DEP, DCA or other appropriate state agency. This keeps the confusion and mixed signals between the State Agencies to a minimum.	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	The NJDOE does not host any hazard mitigation training conferences, but attends trainings regularly.	
Is Funding available for Hazard Mitigation?	The DOE offers no direct funding for mitigation projects. Periodically there are State funds, titled "Regular Operating District (ROD) Grants," made available to school districts for facilities upgrades which could include mitigation work. The NJ DOE does not apply directly for any FEMA	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	We are not aware of any existing hazard mitigation partnership with NJOEM but such a partnership could be beneficial.	



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Organization Name: New Jersey Department of Environmental Protection Division of Air Quality	
Description of Organization	Ensures clean air, for both public health and the environment. Manages air quality with ambient air monitoring, inventories of sources, emission reduction plans, rules, permits, air quality modeling and risk assessment, vehicle inspections and voluntary programs to modernize fleets and promote electric vehicles.
Point of Contact	Name/Title: Email: NJDEP-BAQP@dep.nj.gov Phone: (609) 292-6722 Address: 401 East State Street, Mail Code 501-07H, P.O. Box 420, Trenton, NJ 08626-0420 Website: http://www.nj.gov/dep/daq/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Hazardous Substance, Wildfire
Describe your organization's contribution to loss reduction from hazards.	While department efforts focus on improving and monitoring air quality, certain initiatives that the department supports help contribute to loss reduction. For example, State Implementation Plans that the department has created target limiting the release of hazardous pollutants into the ozone, which also targets limiting the amount of hazardous substance incidents. Another similar priority is monitoring fire burning because of the release of carbon monoxide. This also helps advocate for the prevention of wildfire.
Does your organization provide technical assistance?	Yes.
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	State Implementation Plans, support of regulations that help regulate wood burning in New Jersey including NJAC 7:27-5, NJAC 7:27-3
Does your organization hold or attend mitigation trainings/seminars/ conferences?	No
Is Funding available for Hazard Mitigation?	No
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes. Specifically State Implementation Plans contain specific components that include coordinating with other states, state agencies and regional organizations.



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Organization Name:	New Jersey Department of Environmental Protection - Bureau of Environmental Radiation
Description of Organization	The Bureau of Environmental Radiation addresses the protection of the public from excessive exposure to radiation, exclusive of x-ray and nuclear powerplant sources. This includes the State's program to reduce radon gas exposure in homes and other buildings; licensing the use of certain radioactive materials in medicine, industry and research; supporting the clean-up of the State's radioactively contaminated sites; and the control of nonionizing radiation from industrial microwave and radiofrequency sources of such radiation.
Point of Contact	Name/Title: Jenny Goodman Email: jenny.goodman@dep.nj.gov Phone: (609) 984-5400 Address: 25 Arctic Parkway PO Box 420 (Mail Code 25-01) Trenton, New Jersey 08625-0420 Website: http://www.nj.gov/dep/rpp/ber/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Nuclear Hazards
Describe your organization's contribution to loss reduction from hazards.	While department efforts focus on improving and monitoring air quality, certain initiatives that the department supports help contribute to loss reduction. For example, State Implementation Plans that the department has created target limiting the release of hazardous pollutants into the ozone, which also targets limiting the amount of hazardous substance incidents. Another similar priority is monitoring fire burning because of the release of carbon monoxide. This also helps advocate for the prevention of wildfire.
Does your organization provide technical assistance?	Staff of the Bureau of Environmental Radiation provide technical support to the Site Remediation Program (http://www.nj.gov/dep/srp/) on the investigation and remediation of radiologically contaminated sites in New Jersey. The Licensed Site Remediation Professional (LSRP) program
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	N.J.A.C. 7:28-12 Remediation Standards for Radioactive Materials In addition to licensing and inspecting diffuse NARM and source and special nuclear material facilities, staff are responsible for the General Licensing program which includes radioactive material Registrations as per N.J.A.C. 7:28-52 (10 CFR 31 incorporated by reference), and decommissioning of all facilities using radioactive materials, including industrial and medical facilities.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	The Department of Environmental Protection (DEP) Radon Section conducts outreach activities to educate the public on the risks of radon and how homes can be remediated. These activities include formal educational slide presentations on radon awareness, participation in exhibits and conventions.
Is Funding available for Hazard Mitigation?	No
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Coordination and oversight of the Bureau of Environmental Radiation is with the U.S. Nuclear Regulatory Commission. On September 30, 2009, the U.S. Nuclear Regulatory Commission and New Jersey signed an Agreement authorizing the State to license and regulate byproduct, source, and certain special nuclear radioactive materials users. However, NJDEP overall is an active member of the State Hazard Mitigation Team and is involved in additional hazard mitigation coordination with FEMA/NJOEM.



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Michael Baker
INTERNATIONAL

Organization Name: New Jersey Department of Environmental Protection Bureau of Dam Safety & Flood Control	
Description of Organization	Leads the State's efforts as the State NFIP Coordinator and Community Rating System (CRS) support. In addition, the section's responsibilities include the funding of construction and operation of federal-state-local flood control mitigation projects throughout the state, including the 24-hour operation of the Pompton Lakes Dam Flood Gates. The section has also taken a lead role on the development and adoption of NJ Flood Hazard Area mapping, as well as an active partnership with FEMA on their FEMA Map Modernization Program efforts.
Point of Contact	Name/Title: Joseph Ruggeri, P.E., CFM, Supervising Engineer Email: joseph.ruggeri@dep.state.nj.us Phone: (609) 292-2296 Address: 501 East State Street, Mail Code 501-01A, P.O. Box 420, Trenton, NJ 08626-0420 Website: http://www.nj.gov/dep/floodcontrol/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Flood Risk Hazards
Describe your organization's contribution to loss reduction from hazards.	Assistance
Does your organization provide technical assistance?	Yes. Assistance to communities participating in the NFIP and interested in joining CRS thru the NJDEP Community Assistance Program Unit.
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	NJDEP serves as the local sponsor on US Army Corps of Engineers flood risk reduction projects.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	NJDEP is an active participants in the state chapter of ASFPM. Through NJAFM a yearly conference is held in NJ and provides training on flood hazard topics including hazard mitigation.
Is Funding available for Hazard Mitigation?	Yes - large scale flood control projects are cost-shared with the US Army Corps of Engineers through an annual state appropriation under the HR-6 Flood Control project budget. Also, \$25 million was appropriated from the "Dam, Lake, Stream, Flood Control, Water Resources Project Bond Act 2003" to finance the costs of state-local flood control projects. Effectiveness 544 of the 566 total municipalities in NJ participate in the NFIP program of which 45 also participate in the CRS program. 9 communities with a Class 9 rating (5% premium reduction); 23 with a Class 8 rating (10% premium reduction); 11 with a Class 7 rating (15% premium reduction) and 2 with a Class 6 rating (20% premium reduction). The avg. savings per policy holder is about \$87.00 per year or a total community savings of about \$9,384,397 per year. The NJ Dam Safety program, new state stormwater management requirements, and the development of all hazard mitigation plans, are some of the efforts at the State level that are available to provide CRS credits for all NJ municipalities. Communities are encouraged to adopt freeboard elevation requirements, which also provide CRS credits. Many municipalities in New Jersey are small and lack the professional support to fill out a CRS application, or do not have the flood insurance policy base to make it worth their while. However, we do reach out to communities during Community Assistance Visits, Community Assistance Contacts, technical assistance contacts and workshops to promote the CRS program.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes, NJDEP is an active member of the State Hazard Mitigation Team and is involved in additional hazard mitigation coordination with FEMA/NJOEM.



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Organization Name:		New Jersey Department of Environmental Protection - Compliance and Enforcement
Description of Organization	Compliance and Enforcement's (C&E) mission is to ensure that New Jersey's environment is clean, safe, enjoyable, and maintained for future generations. We are organized into three divisions, whose main function is to enforce hundreds of environmental laws, rules and regulations administered by DEP regulatory programs and delegated federal authority. C&E inspectors perform more than 24,000 inspections and compliance evaluations per year and issue approximately 6,000 enforcement actions.	
Point of Contact	Name/Title: Knute Jensen Email: Knute.jensen@dep.nj.gov Phone Address: Mail Code 401-04B , 401 East State Street PO Box 420 , Trenton, NJ 08625-0420 Website: www.nj.gov/dep/enforcement/	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	Hazardious Substances	
Describe your organization's contribution to loss reduction from hazards.	Compliance and enforcement ensures environmental stewardship and compliance. This helps reduces potential losses from a hazard by lessening the risk of environmental and health threats before a hazard occurs. Compliance and enforcement are also an	
Does your organization provide technical assistance?	Yes. Compliance assistance training is part of C&E's continuing commitment to quality customer service. The program is designed to help individuals, business, industry and government understand and meet, or surpass, their environmental obligations. Here you will find useful information such as: current training opportunities, outreach materials, guidance documents, links to additional training web sites, and much more	
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	no, not directly	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes, online training resources and compliance advisories are available.	
Is Funding available for Hazard Mitigation?	no	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?		



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Organization Name:		New Jersey Department of Environmental Division Land Use Management
Description of Organization	Land Use Management is a group of diverse programs that protect and enhance New Jersey's environment through implementation of State land use regulations, regional land use planning, coastal resource management and funding projects that result in improvements to the quality of the State's environment. Land Use Management strives to balance responsible land development and protection of New Jersey's valuable natural resources.	
Point of Contact	Name/Title: Colleen Keller, Assistant Director NJDEP LUM Email: Colleen.keller@dep.nj.gov Phone: 609-633-2289 Address: 501 East State Street, Mail Code 401-07B, P.O. Box 420, Trenton, NJ 08626-0420 Website: http://www.nj.gov/dep/lum/	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	Coastal erosion, Drought, Flood, Hurricane and tropical storms, nor'easters, winter storms,	
Describe your organization's contribution to loss reduction from hazards.	The Bureau of Inland Regulation handles permitting of Freshwater Wetlands, Flood Hazard Areas, Highlands and Waterfront Development. The Bureau of Coastal Regulation handles permitting for CAFRA, Waterfront Development, Coastal Wetlands, and Flood Hazard Areas and has a separate unit for reviewing Freshwater Wetlands applications. The Bureau of Urban Growth & Redevelopment handles permitting in urban areas, all renewable energy projects and all State agency transportation projects. Office of Dredging & Sediment Technology is under Site Remediation, but handles all Land Use permitting for purposes of investigation, remediation, closure and/or redevelopment of a property under the purview of the Site Remediation Program or the Division of Solid and Hazardous Waste.	
Does your organization provide technical assistance?	Yes, provides technical assistance for the permitting and review process of applications.	
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	Laws (N.J.S.A.) N.J.S.A. 13:9B Freshwater Wetlands Protection Act N.J.S.A. 58:16A-50 Flood Hazard Area Control Act N.J.S.A. 13:9A Wetlands Act of 1970 N.J.S.A. 12:5-3 Waterfront Development Act N.J.S.A. 58:10A NJ Water Pollution Control Act N.J.S.A. 13:19 Coastal Area Facility Review Act (CAFRA) N.J.S.A. 12:3 Tidelands Act N.J.S.A. 13:20 Highlands Water Protection and Planning Act N.J.S.A. 58:16A-67 Stream Cleaning Act Regulations (N.J.A.C.) N.J.A.C. 7:7A Freshwater Wetlands Protection Act Rules N.J.A.C. 7:13 Flood Hazard Area Control Act Rules N.J.A.C. 7:7 Coastal Zone Management Rules N.J.A.C. 7:38 Highlands Water Protection and Planning Rule	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes.	
Is Funding available for Hazard Mitigation?	NJDEP Office of Coastal and Land Use Planning has received \$10 million in grant funding from the U.S. Department of Housing and Urban Development's National Disaster Resilience Completion to develop and implement up to 5 regional plans to build resilience to future flooding events.	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes. In the case where an emergency exists that poses a threat to health and human safety and/or a danger to the environment, there are provisions which allow for work to be conducted to take care of the emergency situation in a way that also meets the various rules and regulations administered by this Division.	



Capability Assessment Form

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Michael Baker
INTERNATIONAL

Organization Name:	New Jersey Department of Environmental Division of Science, Research and Environmental Health
Description of Organization	The function of the Division of Science, Research and Environmental Health is to help ensure that the department's decision-making is based upon the best possible scientific and technical information. The role of this division is to provide the department with, and access to, expertise and information that supports its technical and policy needs. In addition, the division performs research to meet the information and problem-solving needs, identifies and understands emerging issues that require the department's attention and advocates/integrates the multi-disciplinary perspective into the department's identification, analysis and resolution of
Point of Contact	Name/Title: Nick Procopio, Manager/Bureau Chief Email: Nick.Procopio@dep.nj.gov Phone: (609) 984-6070 Address: 501 East State Street, Mail Code 401-01, P.O. Box 420, Trenton, NJ 08626-0420 Website: http://www.nj.gov/dep/dsr/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Staff provide technical informaion and expertise to support information in relations to Human Health, Ecological and Natural Sciences, Environmental Science, Drinking Water, Analytical Methods, Standards, Data Analysis and Environmental Trends.
Describe your organization's contribution to loss reduction from hazards.	Staff provide technical informaion and expertise to support information in relations to Human Health, Ecological and Natural Sciences, Environmental Science, Drinking Water, Analytical Methods, Standards, Data Analysis and Environmental Trends.
Does your organization provide technical assistance?	Yes.
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	<p>The Division of Science, Research and Environmental Health has published risk assessments of hazards and adviosries including, but not limited to, the following:</p> <p>Guidance for the Development of Human Health Risk Assessment Document</p> <p>2017 New Jersey Fish Consuption Advisories</p> <p>NJ Risk: Implementing an Integrated Computational Tool to Support Prioritization of Chemicals of Emerging Concern</p> <p>Damage Assessment Report on the Effects of Hurricane Sandy on the State of New Jersey's Natural Resources (May 2015)</p>
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes.
Is Funding available for Hazard Mitigation?	No.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes, but not directly. The Division of Science, Research and Environmental Health supports NJDEP Programs that directly coordinate with NJOEM and FEMA.



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Michael Baker
INTERNATIONAL

Organization Name:		New Jersey Department of Environmental Division of Solid and Hazardous Waste
Description of Organization	<p>The Bureau of Solid Waste Planning & Licensing oversees county solid waste planning; economic regulation of solid waste public utilities; licensing of companies commercially engaged in the solid waste industry; escrow accounts of solid waste facilities; county recycling and clean communities grants; and support to the Division in the areas of budgets, fee collection, Open Public Records Act (OPRA), and data management.</p> <p>The Bureau of Solid Waste Permitting is responsible for the management of permit applications for solid waste landfills, resource recovery facilities (incinerators), and transfer stations/materials recovery facilities.</p>	
Point of Contact	<p>Name/Title: Tom Byrne, Section Chief NJDEP DSHW Email: Tom.byrne@dep.nj.gov Phone: 609-292-9880 Address: 501 East State Street, Mail Code: 401-02C, P.O. Box 420, Trenton, NJ 08626-0420 Website: http://www.nj.gov/dep/dshw/</p>	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	All Hazards.	
Describe your organization's contribution to loss reduction from hazards.	Manage and regulate disposal of debris from any hazard that causes the quantity of solid waste debris generated to exceed the capacity of a geographic area and prevent the ability of government or private entities to safely and effectively manage the solid waste debris in accordance with the State's comprehensive regulatory standards.	
Does your organization provide technical assistance?	Planning for and Response to Catastrophic Events at Contaminated Sites. The Department strongly encourages municipalities to act now to select areas that would be suitable for temporary staging of both construction and demolition storm debris and vegetative debris and to have those areas pre-approved by the Department.	
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	<p>County Emergency Debris Management Plan Template and Information Packet - March 2017</p> <p>Disaster Debris Management Planning Tool Kit for New Jersey Municipalities (REVISED November 2015)</p> <p>The Division of Solid and Hazardous Waste, Bureau of Solid Waste Permitting provides a TDMA Form for Counties and Municipalities to request pre-approval of sites that will be used to temporarily store debris after an emergency event.</p>	
Does your organization hold or attend mitigation trainings/seminars/conferences?	<p>The division provides guidance for each county to adopt their own Debris Management Plan. The division wishes to strengthen their outreach efforts in the future to each county on debris management.</p>	
Is Funding available for Hazard Mitigation?	No	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes	



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Michael Baker
INTERNATIONAL

Organization Name:	New Jersey Department of Environmental Protection - Division of Water Supply and Geoscience
Description of Organization	The Division of Water Supply and Geoscience (Water Supply) works to ensure adequate, reliable and safe water supply is available for the future. This goal is accomplished through the regulation of ground and surface water diversions, permitting of wells, permitting of drinking water infrastructure, monitoring of drinking water quality and technical support for water systems to achieve compliance with all Federal and State standards. In addition, Water Supply staff act in a support role during an emergency situation to provide technical assistance, as needed to re-establish safe and adequate public water supplies.
Point of Contact	Name/Title: Fred Sickels/Director Email: Fred.Sickels@dep.state.nj.us Phone: 609-292-7219 Address: PO Box 420, Mail Code 401-04Q, Trenton, NJ 08625 Website: http://www.nj.gov/dep/watersupply/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Water Supply's primary function is to ensure cooperative and coordinated response operations that involve many water systems. In this regard, this Division has chosen to present its emergency response plan from an "all hazards" view point, such that the effect of the event is more important than the type of event which caused the emergency. Such events may include flooding and drought impacts on water supply; natural and man-made contamination of drinking water.
Describe your organization's contribution to loss reduction from hazards.	Water Supply implements an Asset Management Program to promote O&M protocols and infrastructure investment to sustain water systems through inventory of assets, staffing and training, preventative maintenance and financial planning.
Does your organization provide technical assistance?	Yes. Water Supply staff provides technical assistance to assist water systems during water supply emergencies and to address routine non-compliance from significant deficiencies or poor water quality test results.
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	Yes. In response to Superstorm Sandy, Water Supply is drafting additional guidance that focuses on auxiliary power, flood protection and resiliency of infrastructure, asset management planning for water systems and emergency response and preparedness.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes. Water Supply has participated in several round table discussions and tabletop exercises with Internal staff, other government agency staff and impacted facilities to discuss lessons learned as a result of emergency events. This has resulted in additional training on emergency response as well as the development of additional guidance documents to support internal and external capabilities.
Is Funding available for Hazard Mitigation?	Yes. The Drinking Water State Revolving Fund (DWSRF) program assists water systems in financing the cost of infrastructure through the use of federal and New Jersey Infrastructure Trust funds. Additionally, Water Supply provides operator licensing and training support as well as financial assistance through the DWSRF program.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes. Water Supply continues to coordinate with NJOEM on emergency response activities and has engaged in conversations with FEMA regarding damaged or destroyed water system infrastructure. Water Supply ensures a cooperative and coordinated response in the event of a water supply emergency.



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Michael Baker
INTERNATIONAL

Organization Name:	
New Jersey Department of Environmental - Emergency Management Program	
Description of Organization	The role of the emergency management section is to put into action the department's responsibilities, outlined in the Emergency Operating Plan of the State of New Jersey, and to continue to perform the ongoing duties of each individual unit. Emergency management is the department's link to the state's Emergency Operations & Planning Centers, Regional Response Team and Port Area Committees. The section is operational 24 hours a day, 7 days a week.
Point of Contact	Name/Title: Bob Van Fossen, Director Email: Robert.VanFossen@dep.nj.gov Phone: (609) 984-6070 Address: 501 East State Street, Mail Code 401-01, P.O. Box 420, Trenton, NJ 08626-0420 Website: http://www.nj.gov/dep/emergency/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	All Hazards
Describe your organization's contribution to loss reduction from hazards.	The New Jersey Department of Environmental Protection (NJDEP) has the responsibility of responding to emergencies involving a wide variety of hazards that threaten the public, environment and infrastructure of the state. Traditionally, these were principally to oil and hazardous materials; to ensure that discharges of these materials do not threaten the health of the public and environment. Today, the department's mandate includes a much broader spectrum of threats including natural disasters, pathogenic outbreaks, and terrorism. In response to this mandate, NJDEP maintains the Bureau of Emergency Response (BER). The bureau, headquartered in Trenton, supports two field offices strategically located for rapid response on a 24-hour basis, 7 days a week.
Does your organization provide technical assistance?	New Jersey Department of Environmental Protection maintains a state of the art communications center. Calls made to the department's Hot Line (877) WARN DEP are answered here. The center responds to over 49,000 calls every year from the public as well as government and professional agents. Calls to the center are received and evaluated before being forwarded to the appropriate department for action. NJDEP also maintains an environmental Equipment Service Center will continue the mission of providing logistical support and equipment service for the department's field operatives. This mission includes maintaining a vast array of general and task specific instruments and equipment, as well as personal protective and safety equipment, spill related materials and related logistics. These materials are ready for rapid deployment into the field whenever and wherever they are needed. Emergency Management is also the department's point of contact for sites with explosive hazards. It oversees the majority of the Munitions and Explosives of Concern (MEC) cleanups under the U.S. Army Corps of Engineers, Military Munitions Response Program.
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	Emergency Operating Plan of the State of New Jersey
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes
Is Funding available for Hazard Mitigation?	No
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes, The Bureau of Emergency Response is responsible for acting as the state's on scene coordinator when incidents involve multiple jurisdictions, agencies and disciplines.



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Organization Name: New Jersey Department of Environmental - Green Acres / Blue Acres Program	
Description of Organization	<p>The Green Acres Mission: To achieve, in partnership with others, a system of interconnected open spaces, whose protection will preserve and enhance New Jersey's natural environment and its historic, scenic, and recreational resources for public use and enjoyment. The Green Acres Program was created in 1961 to meet New Jersey's growing recreation and conservation needs. Together with public and private partners, Green Acres has protected over half a million acres of open space and provided hundreds of outdoor recreational facilities in communities around the State.</p> <p>Blue Acres Funding The Green Acres, Farmland, Blue Acres, and Historic Preservation Bond Act of 2007 authorized \$12 million for acquisition of lands in the floodways of the Delaware River, Passaic River or Raritan River, and their respective tributaries, for recreation and conservation purposes. An additional \$24 million was approved by the voters in the Green Acres, Water Supply and Floodplain Protection, and Farmland and Historic Preservation Bond Act of 2009.</p>
Point of Contact	<p>Name/Title: Yang Cao Email: Yang.Cao@dep.nj.gov Address: 501 East State Street, Mail Code 401-01, P.O. Box 420, Trenton, NJ 08626-0420 Website: https://www.nj.gov/dep/greenacres/</p>
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Staff provide technical information and expertise to support information in relations to Human Health, Ecological and Natural Sciences, Environmental Science, Drinking Water, Analytical Methods, Standards, Data Analysis and Environmental Trends.
Describe your organization's contribution to loss reduction from hazards.	<p>The Green Acres, Farmland, Blue Acres, and Historic Preservation Bond Act of 2007 authorized \$12 million for acquisition of lands in the floodways of the Delaware River, Passaic River or Raritan River, and their respective tributaries, for recreation and conservation purposes. An additional \$24 million was approved by the voters in the Green Acres, Water Supply and Floodplain Protection, and Farmland and Historic Preservation Bond Act of 2009.</p> <p>Properties (including structures) that have been damaged by, or may be prone to incurring damage caused by, storms or storm-related flooding, or that may buffer or protect other lands from such damage, are eligible for acquisition.</p> <p>All Blue Acres acquisitions must be from willing sellers.</p>
Does your organization provide technical assistance?	Provides assistance to communities on how to complete Surveyors in order to recover from Hurricane Sandy. NJ Licensed Land Surveyors who wish to help in the effort to rebuild the Jersey Shore and other towns hit hard by Super Storm Sandy are encouraged to contact municipalities in the affected areas. You can help if you are able to provide bulk or reduced rates for elevation certificates across a full city block, conduct property resurveys if
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	<p>Surveys for Blue Acres – guidelines for surveys related to purchase of improved residential lots in flood prone areas in cooperation with FEMA.</p> <p>Forms and Checklists by Survey Type – for State land acquisitions, local and non-profit land acquisitions, Environmental Infrastructure Funding Program (EIFP and EIT), Diversions and State House Commission Actions.</p> <p>Hurricane preparation plan for each state park</p>
Does your organization hold or attend mitigation trainings/seminars/conferences?	Holds public hearings to review plans and land acquisitions,
Is Funding available for Hazard Mitigation?	<p>Coastal Blue Acres (CBA) was created with the passage of the Green Acres, Farmland, Historic Preservation and Blue Acres Bond Act of 1995. The bond act contains \$15 million for grants and loans to municipalities and counties to acquire lands in coastal areas that have been damaged by storms, that may be prone to storm damage, or that buffer or protect other lands from storm damage, for recreation and conservation purposes. The act defines coastal areas as those within the CAFRA Zone</p> <p>CBA funds are divided into two parts:</p> <p>Pre-storm: \$6 million. Acquisition of unimproved and largely unimproved storm prone and buffer lands is funded with 75 percent grant/25 percent loan. (Please note that as of November 1998, all Pre-Storm funds have been committed to projects. No Pre-Storm funds are currently available)</p> <p>Post-storm: \$9 million. Acquisition of lands that have suffered at least a 50 percent reduction in value as a result of storm damage will be funded with 50 percent grant/50 percent loan.</p>
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes.



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INTERNATIONAL

Organization Name: New Jersey Department of Environmental Protection Bureau of Historic Preservation Office	
Description of Organization	Leads the State's efforts to preserve, protect, and promote New Jersey's historic resources. Their objectives include finding federal funding that may or may not require preservation-conscious review, assisting local code officials that may be working with the needs of historic resources for the first time ever, to an unprecedented need for recovery funding and technical assistance. They will continue help ensure that these places get as much of the special attention they need as possible as recovery moves forward.
Point of Contact	Name/Title: Karl Niederer/Project Administrator Email: Karl.niederer@dep.nj.gov Phone: (609) 984-0176 Address: 501 East State Street, Mail Code 501-04B, P.O. Box 420, Trenton, NJ 08626-0420 Website: http://www.nj.gov/dep/hpo/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Flood Risk Hazards
Describe your organization's contribution to loss reduction from hazards.	Disaster planning, management, and recovery
Does your organization provide technical assistance?	Yes. They provide guidance on what sorts of things should be taken into account when considering the design of compatible elevation treatments.
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	NJ HPO produced elevation design guidance specific to New Jersey's historic properties. They also provided documents, reports, and other digital data about cultural resources in NJ's to areas that were heavily impacted by Hurricane Sandy.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	New Jersey History and Historic Preservation Conference discusses hazard mitigation
Is Funding available for Hazard Mitigation?	Yes -The Disaster Relief Appropriations Act of 2013 included \$16 billion in Community Development Block Grant (CDBG) funding. This funding will be allocated to states affected by Hurricane Sandy in multiple phases as determined by the federal Department of Housing and Urban Development. New Jersey received an allocation of \$1.83 billion during the initial round of CDBG funding allocations on February 6. The State of New Jersey, via the Department of Community Affairs, must now submit an action plan for disaster recovery within 90 days of the allocation, including criteria for eligibility and how the use of these funds will address disaster relief, long-term recovery, restoration of infrastructure and housing and economic revitalization in the most impacted and distressed areas.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes, NJDEP is an active member of the State Hazard Mitigation Team and is involved in additional hazard mitigation coordination with FEMA/NJOEM.



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Michael Baker
INTERNATIONAL

Organization Name: New Jersey Department of Environmental - New Jersey Forest Service	
Description of Organization	The New Jersey Forest Fire Service is the agency responsible for protecting life and property, as well as the state's natural resources from wildfire.
Point of Contact	Name/Title: Todd Wyckoff, Chief NJDEP Forest Service Email: Todd.Wyckoff@dep.nj.gov Phone: Address: 501 East State Street, Mail Code 401-07B, P.O. Box 420, Trenton, NJ 08626-0420 Website: http://www.state.nj.us/dep/parksandforests/forest/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Wildfires
Describe your organization's contribution to loss reduction from hazards.	The objectives of the New Jersey Forest Fire Service are to hold wildfire losses at a level commensurate with values protected and to do the job safely and efficiently. The goal is to limit the number of wildfires to under 1,400 annually and the acreage burned to less than one half of one percent (.5%) of the 3.15 million acres protected, or 15,750 acres
Does your organization provide technical assistance?	Volunteer Fire Assistance (VFA) - The VFA is a United States Forest Service Grant Program administered by all 50 State Forest Fire Protection Agencies to provide funding to organize, train, and equip fire departments in rural areas and rural communities.
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	Yes. - New Jersey's Forest Action Plan - Forest Action Plan Five-year Review - N.J.A.C. 7:3 Forestry Rules - Fire Management sections within the Pinelands Commission Comprehensive Management Plan
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Fire Information and Resource Education Kits - The Forest Fire Service has assembled education kits in easily transportable, wheeled suitcases. These information packed kits, contain books, DVD's and CD's, games, lesson plans and activities for grades K- 12. The FIRE Kits are available for loan to teachers and other interested educators, from one of our four field office locations. New Jersey Wildfire Safety Skills - A Program of Wildfire Prevention and Education for Students in Grades K – 12. Provides age-equivalent lesson plans for teachers and firefighters that meet NJ Core Curriculum Standards and complement the NJ Division of Fire Safety's "Fire Safety Skills."
Is Funding available for Hazard Mitigation?	Community Wildfire Hazard Mitigation Assistance Program - This NJ Forest Fire Service grant program delivers National Fire Plan funding directly to organizations on a local level. Fuels Reduction Biomass and Marketing Grant - This grant provides one time cost-share incentives to stimulate the timber harvesting and production capabilities within the NJ Pinelands Region, with the goal of reducing the costs of hazardous wildland fuel reduction projects.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes



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INTERNATIONAL

Organization Name:		NJDEP - Urban & Community Forestry Program
Description of Organization	The New Jersey Urban and Community Forestry (NJUCF) program's mission is to encourage and support the stewardship and effective management of trees and forest ecosystems in New Jersey communities. Urban & Community Forestry programs ensure more livable communities through the care and management of trees. Neglect and urban stress limit the life span of the average downtown tree to only ten years. With proper care, trees live longer, look better, and increase in value as they age. Without care, they decline in health and value and become liabilities. Trees deserve to be managed with the same skill and diligence as any other community asset.	
Point of Contact	Name/Title: Carrie Sargeant, Program Coordinator: Email: Carrie.Sargeant@dep.state.nj.us Phone: (609) 633-2320 Address: 501 East State Street, P.O. Box 420, Trenton, NJ 08626-0420 Website: http://nj.gov/dep/njnlt/	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	Coastal Erosion, Dam Levee Failure, Drought, Earthquakes, Flood, Geological Hazards, Hurricanes and Tropical Storms, Nor'easters, Severe Weather, Wildfire, Winter Storms, Animal Disease and Crop Failure	
Describe your organization's contribution to loss reduction from hazards.	Ready Trees NJ Program - Readiness, Response, Recovery to empower municipal and county officials to manage the tree/forest resources within their communities. Program encourages cross program coordination and enhancing potential FEMA assistance opportunities.	
Does your organization provide technical assistance?	Yes, Urban Forest Strike Team Training, pending Urban Forest Strike Team Mock Exercise, NJUCF Core Training, NJUCF Continuing Education Units.	
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	Community Forestry Management Plans (NJAC 13:1L-17.2, 17.4,17.7) NJAC 59:4-10 (16)(a)(2) Immunity from liability relative to community forestry. Encouraging communities to develop negative debris management plans as part of a comprehensive community forestry management plan.	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes. NJUCF recently presented at the NJ County OEM Coordinators' meeting at the ROIC, Urban Forest Strike Team Training (Includes ICS requirements), Tree Risk Assessment Qualification, Urban Forest Strike Team Mock Exercise, NJUCF Core Training and Risk Tree Identification sessions, NJ Tree Foundation Right Tree Right Place with PSE&G, NJUCF continuing education units, EHAP, NJ Shade Tree Federation Conference, NJ Garden State Tree Conference, and others.	
Is Funding available for Hazard Mitigation?	Most of the funding that is available is for the recovery phase (e.g. reforestation and tree planting). Funding is needed for Readiness - planning, outreach, education, training, personnel, tree inventory, tree risk assessment, active stewardship to address hazards.	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes, in 2015 the NJUCF began working with the NJDEP OEM on outreach, training, education, and collaboration on the Urban Forest Strike Team and the development of the Ready Trees NJ initiative.	



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Organization Name: New Jersey Department of Environmental Protection Office of Natural Lands	
Description of Organization	Three related programs for conservatin of biodiversity and passive recreation including NJ Natural Lands Trust. The Office of Natural Lands Management (ONLM) administers a group of interrelated land management and planning programs. It is committed to the conservation of biodiversity through excellent stewardship, and to the enhancement of passive recreational opportunities for the benefit of present and future generations. The programs include the Natural Heritage Program, the Natural Areas Program and the New Jersey Natural Lands Trust. Responsibilities include the identification and tracking of endangered and rare plant populations and rare and unique ecological communities along with the management of public open space acquired by the Natural Lands Trust or found within designated Natural Areas.
Point of Contact	Name/Title: Robert J. Cartica, Administrator/Executive Director (Natural Lands Trust) Email: bob.cartica@dep.state.nj.us Phone: (609) 984-1339 Address: 501 East State Street, Mail Code 501-04, P.O. Box 420, Trenton, NJ 08626-0420 Website: http://nj.gov/dep/njnlt/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	N/A
Describe your organization's contribution to loss reduction from hazards.	Focus on state natural resources (biodiversity) with emphasis on plant species listed as endangered in New Jersey. The Trust manages its properties to conserve rare plant and animal species habitat and rare ecological communities. Many of these properties are located in areas vulnerable to wildfire.
Does your organization provide technical assistance?	Advice on reduction of impacts to state and federal rare species and mitigation for loss of species occurrences.
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	Office provides review of project areas for impacts to endangered/rare species in natural areas. The New Jersey Natural Heritage Program identifies the state's most significant natural areas through a comprehensive inventory of rare plant and animal species and representative ecological communities. From the inventory, the Natural Heritage Database compiles information on the distribution, biology, status, and preservation needs of these species and communities. Established in 1984 through a cooperative agreement between The Nature Conservancy, a private conservation organization, and the Department of Environmental Protection, full administration of the program was assumed by the DEP in 1986.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	None
Is Funding available for Hazard Mitigation?	N/A
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	None



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Michael Baker
INTERNATIONAL

Organization Name:	New Jersey Department of Environmental Protection - Passaic River Basin Flood Advisory Commission
Description of Organization	Governor Chris Christie created the Passaic River Basin Flood Advisory Commission by Executive Order 23 on April 23, 2010 following to the severe nor'easter of March 12-15, 2010 and its flooding of the Central Passaic River basin. The Advisory Commission's charge is to provide recommendations to the Governor including (but not limited to): expanding and expediting Passaic River floodway property buyouts, prioritizing land acquisition and acquiring natural flood storage areas, operating the Pompton Lake Dam floodgates, clearing river of debris, evaluation of regulatory programs, enhancing public involvement, information and outreach for flood response, and identifying methods to phase out or prevent future development in flood-prone hazard areas.
Point of Contact	Name/Title: Joseph Ruggeri, P.E., CFM, Supervising Engineer Email: joseph.ruggeri@dep.state.nj.us Phone: (609) 292-2296 Address: 501 East State Street, Mail Code 501-01A, P.O. Box 420, Trenton, NJ 08626-0420 Website: http://www.nj.gov/dep/passaicriver/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Flood Risk Reduction
Describe your organization's contribution to loss reduction from hazards.	Facilitation
Does your organization provide technical assistance?	No
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	Developed flood forecast gage inundation mapping.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	No
Is Funding available for Hazard Mitigation?	Yes. Funding has been provided through NJDEP and FEMA to address 15-point recommendations of the Passaic River Basin Flood Advisory Commission report.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes, on acquisition and elevation projects.



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INTERNATIONAL

Organization Name:	New Jersey Department of Environmental Protection - Water Resource Management
Description of Organization	The Water Pollution Management Element is responsible for protecting New Jersey's surface and ground waters from pollution caused by improperly treated wastewater and its residuals. This is accomplished primarily through the implementation of the New Jersey Pollutant Discharge Elimination System (NJPDES) permit program. This includes publicly owned treatment facilities (e.g. sanitary sewerage plants) and privately owned facilities (e.g. industrial facilities) as well as facilities that discharge stormwater (e.g. municipalities and highway agencies) and stormwater related to development. The NJPDES program also regulates discharges to ground water (e.g. septic systems) and the proper management of any residuals that are generated as part of the treatment process. The varied ownership of infrastructure components is often a complicating factor in the regulation of these entities (e.g. ownership of a treatment facility by a public entity and sewer mains by a different municipal entity). The total universe of NJPDES permits includes over 7500 permits.
Point of Contact	Name/Title: Janice Brogle, Asst. Dir. Email: Janice.brogle@dep.state.nj.us Phone: (609) 292-9977 Address: DEP, 401 East State St., Trenton Website: http://www.nj.gov/dep/dwq/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	The program is able to finance infrastructure repair, replacement and mitigation regardless of the cause.
Describe your organization's contribution to loss reduction from hazards.	Permitting actions are complemented with facilitation, technical assistance, and training wherever possible.
Does your organization provide technical assistance?	Yes. The Programs engineering and environmental specialist staff provide technical assistance in the development, interpretation and implementation of permit conditions.
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	Yes. The Department is also in the process of issuing further guidance on Flood proofing, Auxiliary Power, proper Asset Management Planning, Operation and Maintenance, stormwater, and sludge resiliency.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	The Office of WRM Coordination has held the following public education sessions to provide insight into the new WQMP Rules and the Department's vision for the implementation of them.
Is Funding available for Hazard Mitigation?	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes. Several coordination and partnership meetings and conversations have and continue to take place with NJOEM and FEMA both for general policy and resiliency improvement and individual project enhancement.



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Michael Baker
INTERNATIONAL

Organization Name:	New Jersey Department of Environmental Protection - The New Jersey Environmental Infrastructure Financing Program (Program)
Description of Organization	The New Jersey Environmental Infrastructure Financing Program (Program) is a revolving loan program for the construction of wastewater treatment facilities, sludge management systems, combined sewer overflow abatement, stormwater, and other non-point source management projects and to publicly and privately owned drinking water systems for the construction or upgrade of drinking water facilities, transmission and distribution systems, storage facilities, and source development. Funds are made available under the Federal Clean Water and Safe Drinking Water Acts and various state bond acts. The Program is administered by the Municipal Finance and Construction Element (MF&CE), and the New Jersey Environmental Infrastructure Trust (Trust), an independent state financing authority.
Point of Contact	Name/Title: Eugene Chebra, P.E., Asst. Dir. Email: Eugene.chebra@dep.state.nj.us Phone: (609) 292-9977 Address: DEP, 401 East State St., Trenton Website: http://www.nj.gov/dep/dwq/mface.htm
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	The program is able to finance infrastructure repair, replacement and mitigation regardless of the cause.
Describe your organization's contribution to loss reduction from hazards.	Technical and Financial Assistance for projects that may include repair, replacement and mitigation.
Does your organization provide technical assistance?	Yes. The Programs engineering and environmental specialist staff provide technical assistance throughout the course of the entire project, from the planning stage through construction completion.
Is hazard mitigation addressed in existing plans/policies/ documents? If so please name relevant plans /policies/ documents	Yes. Especially after Superstorm Sandy the Program's technical review promotes mitigation and resiliency measures in each project under review. The Department is also in the process of issuing further guidance on Flood proofing, Auxiliary Power and proper Asset Management Planning.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	The Office of WRM Coordination has held the following public education sessions to provide insight into the new WQMP Rules and the Department's vision for the implementation of them.
Is Funding available for Hazard Mitigation?	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes. Several coordination and partnership meetings and conversations have and continue to take place with NJOEM and FEMA.



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INTERNATIONAL

Organization Name:		New Jersey Department of Health
Description of Organization	The Department's priority is improving population health by strengthening New Jersey's health system. The Department's five branches, Public Health Services, Health Systems, Integrated Health, Office of Population Health and the Office of Policy and Strategic Planning work collaboratively toward that goal. Population health focuses on keeping healthy New Jerseyans well, preventing those at risk from getting sick, and keeping those with chronic conditions from getting sicker. Population health promotes prevention, wellness and equity in all environments, resulting in a healthy New Jersey.	
Point of Contact	Name/Title: Audrey Miller, Deputy Director Email: Audrey.Miller@doh.nj.gov Phone: 609-292-7838 Address: P. O. Box 360 Trenton, NJ 08625-0360 Website: https://www.nj.gov/health/	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	All Hazards	
Describe your organization's contribution to loss reduction from hazards.	Emergency preparedness plans, education workshops, educational materials, prevention plans, response plans.	
Does your organization provide technical assistance?	Yes. Local Communicable Trainings for preparedness and recovery.	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Yes. - Ready Together New Jersey, DOH's Public Health Guide to Emergency Planning. -Respiratory Outbreak Information for Schools - February 2018 -Guidelines for the Control of Respiratory Virus Outbreaks in Long-Term Care and Other Institutional Settings -Prevention and Control Measures for Outbreaks in School Settings -What You Need to Know about Mold (DOH Fact Sheet) -What You Need to Know about Carbon Monoxide Poisoning (DOH Fact Sheet) -What you Need to Know about Food Safety (DOH Fact Sheet) Recover Safely -School Asbestos Management Plans	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes.	
Is Funding available for Hazard Mitigation?	Yes. There is a comprehensive listing of grant funds that is made available to the Department of Health in order to reduce losses and risk associated with Disease for the public at large.	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes.Partnerships with CDC and New Jersey office of Emergency Management.	



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INTERNATIONAL

Organization Name:		Department of Law and Public Safety.
Description of Organization	New Jersey Department of Law and Public Safety. This Department includes the Office of the Attorney General and the Division of State Police among others. The New Jersey Office of Emergency Management is placed within the Division of State Police.	
Point of Contact	Name/Title: Deputy Attorney General Gregory Spellmeyer; Deputy Attorney General Bruce Solomon Email: gregory.spellmeyer@lps.state.nj.us; bruce.solomon@lps.state.nj.us Phone: 609-292-4478 Address: DEP, R.J. Hughes Justice Complex 25 Market Street, Trenton, NJ 08625 Website: http://www.nj.gov/oag/	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	See the Capabilities Assessment of the Office of Emergency Management.	
Describe your organization's contribution to loss reduction from hazards.	The Office of the Attorney General contributes to loss reduction by participating on the State Hazard Mitigation Team and providing counsel to the Office of Emergency Management. See also the Capabilities Assessment of the Office of Emergency Management.	
Does your organization provide technical assistance?	See the Capabilities Assessment of the Office of Emergency Management.	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	See the Capabilities Assessment of the Office of Emergency Management.	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	See the Capabilities Assessment of the Office of Emergency Management.	
Is Funding available for Hazard Mitigation?	See the Capabilities Assessment of the Office of Emergency Management.	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	The NJOEM is placed within the New Jersey Division of State Police within the Department of Law and Public Safety. See the Capabilities Assessment of the Office of Emergency Management.	



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INTERNATIONAL

Organization Name:	Department of Law and Public Safety - Office of Homeland Security and Preparedness - Emergency Operations Plan
Description of Organization	NJ Office of Homeland Security and Preparedness: Assists NJOEM with the coordination of emergency response efforts across all levels of government, law enforcement, the emergency management and response community, nonprofit organizations, the private sector and other jurisdictions as necessary, to protect the people of New Jersey. Provides support to NJOEM for the State's Basic EOP Plan and associated Annexes including 15 Emergency Support Functions. Both the Basic Plan and the ESF plan for all phases of emergency management and one of those phases is mitigation. U.12
Point of Contact	Update Coordinated through the Department of Law and Public Safety (see Department of Law and Public Safety Capability Sheet)
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	All Hazards
Describe your organization's contribution to loss reduction from hazards.	The Office of the Attorney General contributes to loss reduction by participating on the State Hazard Mitigation Team and providing counsel to the Office of Emergency Management. See also the Capabilities Assessment of the Office of Emergency Management.
Does your organization provide technical assistance?	Yes – guidance and support related to the National Disaster Recovery Framework (NDRF) and ongoing resiliency projects affecting the state's critical infrastructure.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	National Disaster Recovery Framework (NDRF) and numerous response coordination and communication plans
Does your organization hold or attend mitigation trainings/seminars/ conferences?	No
Is Funding available for Hazard Mitigation?	No
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	The NJOEM is placed within the New Jersey Division of State Police within the Department of Law and Public Safety.



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Michael Baker
INTERNATIONAL

Organization Name: New Jersey Department of Military and Veterans Affairs	
Description of Organization	To provide trained and ready forces prepared for rapid response to a wide range of civil and military operations, while providing exemplary services to citizens and Veterans of New Jersey. A governmental department of the state of New Jersey. It is composed of the New Jersey Army National Guard as well as the New Jersey Air National Guard. They are administered by the Adjutant General and staff which oversees the activities of the two. This includes the Disasters and Emergency Services Division and Veterans Affairs Division.
Point of Contact	Name/Title: Bryan, Robert K COL USARMY NG NJARNG (US) Email: robert.k.bryan.mil@mail.mil Phone: 609-530-4600 Address: P.O. Box 340 Trenton, NJ 08625-0340 Website: https://www.nj.gov/military/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	All Hazards
Describe your organization's contribution to loss reduction from hazards.	Emergency preparedness plans, education workshops, educational materials, prevention plans, response plans, response trainings
Does your organization provide technical assistance?	Yes. -Hands on assistance after a disaster -Army Cyber Command and support to defensive cyberspace operations as assigned. -Civil Unrest Trainings
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Yes. The mission of the J-3 (Plans, Operations and Training) is to provide properly trained, modernized, combat ready National Guard units for mobilization and deployment in support of the nation's military strategy. The J-3 will further provide reliable, effective emergency response forces in support of state emergency operations, counter drug and community revitalization programs
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes. The mission of the J-3 (Plans, Operations and Training) is to provide properly trained, modernized, combat ready National Guard units for mobilization and deployment in support of the nation's military strategy. The J-3 will further provide reliable, effective emergency response forces in support of state emergency operations, counter drug and community revitalization programs
Is Funding available for Hazard Mitigation?	No
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes. Emergency response partners with NJOEM



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Michael Baker
INTERNATIONAL

Organization Name:		Office for Planning and Advocacy
Description of Organization	Supports and coordinates planning throughout NJ to protect the environment, mitigate development hazards and guide future growth into compact, mixed use development and redevelopment while fostering a robust long-term economy. The Office implements the goals of the State Development and Redevelopment Plan to achieve comprehensive, long term planning; and integrates that planning with programmatic and regulatory land use decisions at all levels of government and the private sector.	
Point of Contact	Name: Melanie Willoughby Email: Melanie.Willoughby@sos.NJ.gov Address: PO Box 46023, Newark, NJ 07102 Website: https://www.nj.gov/state/planning/index.html	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	Our office, through the State Strategic Plan, its 200 publications, and many planning activities over 25 plus years have addressed many hazards affecting New Jersey but generally focused on natural hazards in order to prevent development in the way of known hazards e.g. floods and coastal events	
Describe your organization's contribution to loss reduction from hazards.	Research, facilitation, coordination, data location and distribution, statistical and geographic analysis, provision of insight	
Does your organization provide technical assistance?	OPA regularly produces analysis of demographic, environmental, and other hazard related data on an as needed basis not just to the Department of State but to other departments whose capabilities are not as robust as our own. For example, our office produced some of the earliest estimates of seasonal housing stock damage from Sandy using Census and geographic data. Occasionally, we are asked to provide training on technical tools in which we are involved e.g. Site Evaluator aka Smart Growth Locator.	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Yes, our office is responsible for the State Strategic Plan which is THE document by which we address planning in the state of New Jersey, one component of which is long range planning for hazards. We have also produced almost 200 research reports and publications over our 25+ years in existence; these documents can be found at http://www.state.nj.us/state/planning/publications.html	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	While we do not host or offer mitigation related events, our employees have been involved in hazard mitigation events as participants and speakers for over a decade and we continue to see our office as an integral part of statewide hazard mitigation planning.	
Is Funding available for Hazard Mitigation?	While our office has offered funding for planning activities in the past, we do not currently offer funding. Our office has been working with OEM and DEP on perhaps utilizing Hurricane Sandy recovery money to fund staff to work at the state and county levels to assist, facilitate and	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Since receiving the contract for and delivering the 1999 rewrite of the Hazard and Vulnerability section of the State Hazard Mitigation Plan, our office has become increasingly involved in hazard work at the state level. Our office has been a member of the State Hazard Mitigation Team (SHMT) for over a decade and has worked with the OEM and FEMA regularly over the years. It is expected that the Office of Emergency Management will be asked to sit on the State	



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Organization Name: New Jersey Department of Transportation - Multi-modal Grants and Programs	
Description of Organization	NJDOT, through the Division of Multimodal Services, is responsible for the oversight and / or support of several modes of transportation including: general aviation, maritime, light rail, and freight rail; making it a multi-modal focused organization. The Bureau of Multimodal Grants and Programs (MGaP): Administers grants to: ☐ General Aviation Public Use Airports via the Airport Improvement Program; ☐ Freight Railroads (via the Rail Freight Assistance Program), and ☐ Maritime Facilities via I-Boast NJ Program (currently inactive). All new Grants under the Airport Improvement Program and the Rail Freight Assistance Program are being administered through an online resource called SAGE (System for Administering Grants Electronically.) The Airport Improvement Program, enabled by NJSA 8 and NJAC 16:56, offers Capital Improvement Program Grants and Matching Grants to Federal Aviation Administration (FAA) Grants awarded to New Jersey airports. The Rail Freight Assistance Program, enabled by the New Jersey State Rail Plan Update supports the preservation, rehabilitation and enhancement of New Jersey's freight railroad network, and details projects that have been submitted for funding consideration under N.J.A.C. 16:53C. MGaP also responsible for NJDOT's Freight Rail Hazardous Materials (HAZMAT) Inspection Program. The HAZMAT Inspection Program is performed under the authority of the Federal Railroad Administration (FRA). The Office of Fixed Guideway Safety and Security, under a federally-mandated program, proactively coordinates safety and security programs for the light rail systems in the State.
Point of Contact	Name/Title: Dominick Critelli/Acting Manager, Multimodal Grants and Programs Email: Dominick.Critelli@dot.state.nj.us Phone: 609-530-2847 Address: 1035 Parkway Avenue. PO Box 600. Trenton, NJ 08625-0600 Name/Title: David Morgan/Manager, Fixed Guideway Safety and Security Email: David.Morgan@dot.state.nj.us Phone: 609-530-2551 Address: 1035 Parkway Avenue. PO Box 600. Trenton, NJ 08625-0600
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	MGaP – HAZMAT release from freight rail cars in transit. OFGSSO - Multiple Hazards - HAZMAT Release from Freight Rail Cars in transit; flooding, storm surge, road closures, power outages, hurricanes, etc.
Describe your organization's contribution to loss reduction from hazards.	Infrastructure preservation, mobility, and safety; Vigilant inspection of facilities and / or rail yards involved with shipping or receiving HAZMAT, and properly enforcing the applicable federal regulations, lessens the risks associated with the movements of the materials and the possibility of releases at rail yards or facilities.
Does your organization provide technical assistance?	Y – NJDOT's inspection reports and violations-related documents are routinely filed in FRA's secure Information Management system, and are provided to FRA's Region I Office in Massachusetts and their Headquarters in Washington, DC. NJDOT's Inspector provides assistance to the shippers and receivers by advising them of the applicable regulations and requirements, as necessary.OFGSSO maintains a log of all hazardous conditions on each of the rail transit systems within its jurisdiction. Additionally, OFGSSO participates in federal, state, and local training as it becomes available.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	MGaP – Yes. MGaP follows the directions and guidance issued by the Federal Railroad Administration to administer the Program. OFGSSO – Yes. OFGSSO as part of its federal requirements, issues a copy of the NJDOT's NJ State System Program Standards, which include directions on how hazards and hazardous conditions must be treated and reported to OFGSSO.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	NJDOT's Inspector provides assistance to the shippers and receivers by advising them of the applicable regulations and requirements, as necessary. FRA pays the full costs associated with training and travel in order for NJDOT's Inspector to maintain his FRA-Issued certification. OFGSSO meets with all rail transit properties under its jurisdiction on a quarterly basis to discuss issues/accidents/hazards that have occurred in the last quarter and to provide updates as to where those conditions and mitigation actions stand. This methodology also serves to make all of the rail transit systems to become aware of ongoing and potential issues for all of the systems under OFGSSO's jurisdiction.
Is Funding available for Hazard Mitigation?	MGaP - No. OFGSSO – No.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	MGaP - No. OFGSSO – No.



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INTERNATIONAL

Organization Name:	New Jersey Department of Transportation - Planning and MPOs
Description of Organization	NJDOT is managing a transportation system which is experiencing a tremendous increase in demand, as populations grow and its needs and expectations rise. Congestion is increasing and the need for public transit is intensifying. Very few capacity increases are planned in terms of new state highways. As the system has matured, it has also aged. Its maintenance and rehab costs are greater than the funding available. The long-range planning process identifies goals, policies, strategies, and actions to improve the movement of people and freight and support economic growth during these difficult times. There are three Metropolitan Planning Organizations (MPOs) in New Jersey composed of locally elected officials and representatives from each geographic urban area. Each of them is a forum for continuing, coordinated transportation planning with its portion of federal funds in the Transportation Improvement Program. NJDOT is a voting member of each of the three regional MPOs – the North Jersey Transportation Planning Authority, the South Jersey Transportation Planning Organization, and the Delaware Valley Regional Planning Commission. These MPOs oversee billions of dollars in transportation improvement projects and solicit public input into funding decisions. They also conduct studies, assist county and local planning agencies, and monitor compliance with national air quality goals.
Point of Contact	Name/Title: Andrew Swords, NJDOT – Director of Statewide Planning Email: Dominick.Critelli@dot.state.nj.us Phone: 609-530-2847 Address: 1035 Parkway Avenue. PO Box 600. Trenton, NJ 08625-0600 Website: www.nj.gov/transportation/works/njchoices/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Multiple hazards – flooding, storm surge, road closures, power outages, hurricanes, etc.
Describe your organization's contribution to loss reduction from hazards.	Infrastructure preservation, enhance mobility, adopt smart growth policies, optimize freight distribution, and improve safety; Facilitation
Does your organization provide technical assistance?	Y – Subregional planning program; traffic counts, roadway capacity, planned highway construction schedule, and maps; MPOs can develop models to help identify the logistics and equipment necessary and identify what is available for temporary and long-term housing/relocations, and debris removal.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Regional Catastrophic Planning Grant Program; Newark/Jersey City UASI Regional Evacuation Planning Study, Monmouth County Coastal Evacuation Route Improvement Study, and the new National Response Framework.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Hurricane Preparedness and Climate Change Seminars
Is Funding available for Hazard Mitigation?	Y – Federal and state funding
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	No



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Organization Name: New Jersey Department of Transportation - Reverse Lane Strategies (or contraflow operations)	
Description of Organization	NJDOT has three contraflow plans in place. The New Jersey Turnpike Authority and the South Jersey Transportation Authority also have one plan each (Garden State Parkway and Atlantic City Expressway). When activated, for a temporary period of time, NJDOT and its partners expand the lanes available for all travel in an outbound direction (away from the anticipated area of danger) and facilitate its usage for outbound vehicular travel.
Point of Contact	Name/Title: Robert Burd, Manager, NJDOT Office of Emergency Management Email: Robert.Burd@dot.state.nj.us Phone: 609-530-27177 Address: 1035 Parkway Avenue. PO Box 600. Trenton, NJ 08625-0600 Website:
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Multiple hazards – flooding, storm surge, road closures, power outages, hurricanes, etc.
Describe your organization's contribution to loss reduction from hazards.	Evacuation to preserve life and possessions; Facilitation
Does your organization provide technical assistance?	Y - Reverse lane strategies are already in place for the shore region. Training and exercises are conducted annually. NJDOT OEM provides traffic control assistance including cones, barriers, signs, VMS, arrow boards, HAR, etc. as required at key posts along the route.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Yes – The Reverse Lane Strategies are integrated into the Hurricane Annex to the State Emergency Operations Plan and the draft State Supported Shelter Initiative (SSSI) ESF1 Bus Mobilization Plan (v6-1-12). Trans-Hudson Emergency Transportation and Evacuation Plan (draft); NJ-Philadelphia Cross Border Evacuation Plan (draft); Atlantic City Expressway Contraflow Coastal Evacuation; Garden State Parkway Coastal Evacuation; I-195 Contraflow Coastal Evacuation; Route 47/347 Contraflow Coastal Evacuation; and Route 72 Contraflow Coastal Evacuation Plan.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Regular discussions and updates to work through the county's first responders and emergency management personnel.
Is Funding available for Hazard Mitigation?	N
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Not FEMA. See above for NJDOT's partnership with the NJ State Police, NJ Turnpike Authority, and South Jersey Transportation Authority.



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Michael Baker
INTERNATIONAL

New Jersey Department of Transportation - ROW and Property Acquisitions	
Organization Name:	
Description of Organization	NJDOT is empowered to acquire real property that is needed for public use, such as for road construction or an improvement to a transportation facility. NJDOT must comply with the Eminent Domain Act of 1971 for the acquisition of real property needed for transportation projects. This property acquisition process is governed by both Federal and State law under the eminent domain procedure. The property acquisition steps include notification, valuation, negotiations (eminent domain), and relocation. Additionally, excess NJDOT land sometimes becomes available for lease or sale as surplus property to other public or private interests. The ROW division is also responsible for the implementation of the State Highway access management code. This process involves modifying, revoking, or adjusting all highway access on State highways.
Point of Contact	Name/Title: Victor Akpu, Director of ROW and Access Management Email: Victor.Akpu@dot.state.nj.us Phone: 609-530-2360 Address: 1035 Parkway Avenue. PO Box 600. Trenton, NJ 08625-0600
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	The Division of Right of Way and Access Management is not specifically tasked with hazard mitigation activities. However, the eminent domain/property acquisition process and the sale of surplus government property should be of interest to post-disaster impacted communities seeking re-distribution of land assets for transportation infrastructure protection.
Describe your organization's contribution to loss reduction from hazards.	ROW and Access Management are not specifically charged with mitigating natural hazards. However, in areas where property acquisitions are necessary in order to help with the recovery and infrastructure resiliency of a community, understanding the state highway access process and the excess land sale process may be helpful.
Does your organization provide technical assistance?	The Division of Right of Way and Access Management participates in public information meetings to explain the real estate acquisition process as well as the relocation process to the public. These public forums are designed for highway improvement projects, especially those impacted by Right of Way takings. Generally, after a natural disaster, this Division does not get involved with those public information meetings, which are precipitated by the NJ State Police/NJ Office of Emergency Management.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	None. If a new highway project has an impact of on an environmentally sensitive land parcel such as a gas station, or other known hazardous site, the Division would be involved in the remediation of hazardous materials.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	No
Is Funding available for Hazard Mitigation?	No
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	No. The Division coordinates with DOT's environmental unit when seeking to remediate hazardous materials in its property acquisition process.



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Michael Baker
INTERNATIONAL

Organization Name: New Jersey Department of Transportation -Winter Readiness	
Description of Organization	NJDOT works to make winter travel as safe as possible. NJDOT has 13,295 lane miles of interstate, US and state routes under its jurisdiction that it strives to keep open and passable at all time during winter weather. The goal during a winter storm is to maintain the roads for safe travel, at safe speeds, by using anti-icing materials, and, when appropriate, removal of snow with plows.
Point of Contact	Name/Title: David Bowlby Email: David.Bowlby@dot.state.nj.us Phone: 609-530-2815; 609-352-8943 Address: 1035 Parkway Avenue. PO Box 600. Trenton, NJ 08625-0600 Website:
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Multiple hazards – snow and ice road closures, flooding, storm surge, tree and debris removal, power outages, etc.
Describe your organization's contribution to loss reduction from hazards.	Infrastructure preservation, mobility, and safety; Facilitation
Does your organization provide technical assistance?	No
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Winter Maintenance Training Manual and Guide for internal use
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Y - internally with field staff
Is Funding available for Hazard Mitigation?	No
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Y – We provide staff in the State EOC for better coordination and communication with the state agency partners during winter events and we have representation with the NJ Turnpike Authority and South Jersey Transportation Authority at STMC for resource coordination.



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INTERNATIONAL

Organization Name: New Jersey Department of Transportation - 511 Traffic Monitoring	
Description of Organization	The traffic monitoring system, 511NJ, is a free service for the public that supplies traffic information about the New Jersey Interstates, State Highways, New Jersey Turnpike, Garden State Parkway, Atlantic City Expressway, and all bridge and tunnel crossings to motorists. The system combines traffic data into up to date condition reports that are always available and accessible via text, voice, or internet to commuters.
Point of Contact	Name/Title: Jim Hadden, 511 and Special Projects Manager Email: James.Hadden@dot.state.nj.us Phone: 609.530.2938 Address: Website: http://511nj.org/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	The system can be used to alert the public about any traffic incident on the New Jersey Interstates, State Highways, New Jersey Turnpike, Garden State Parkway, Atlantic City Expressway, and any bridge or tunnel crossing.
Describe your organization's contribution to loss reduction from hazards.	The 511NJ system is a tool to inform the public about traffic incidents. This prevents long delays and reduces the number of people involved in hazardous situations.
Does your organization provide technical assistance?	The 511NJ system data includes traffic information from traffic cameras, travel time sensors, and local law enforcement. This information is provided free of charge to the public. There is also the capability for the system to alert drivers to Amber and Silver alerts as well as other emergency messages.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	No
Does your organization hold or attend mitigation trainings/seminars/ conferences?	No
Is Funding available for Hazard Mitigation?	No
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Not FEMA. The 511 system assists NJOEM in conveying messages. FHWA provides funding for 511NJ for data and web development.



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Michael Baker
INTERNATIONAL

Organization Name: New Jersey Department of Transportation - Capital Program	
Description of Organization	NJDOT allocates funds to projects and programs through two main capital program documents – the Transportation Capital Program and the Statewide Transportation Improvement Program. The Transportation Capital Program is a document required by State Law which allocates federal and State transportation funding for both NJDOT and NJ Transit within one state fiscal year. It also includes funds that are allocated to counties and municipalities. The Statewide Transportation Improvement Program (STIP) is required by federal law. It allocates funding over a ten year period constrained by what are reasonable revenue expectations. It includes NJDOT, NJ Transit, and the counties and municipalities. The STIP is compiled from three regional Transportation Improvement Programs (TIPs) which are developed in conjunction with NJ's three metropolitan planning organizations (MPOs). Each MPO has extensive public involvement activities in preparation for the TIP. A companion document, the Statewide Capital Investment Strategy, lays out capital investment goals for NJDOT, NJ Transit, the NJ Turnpike Authority, and the South Jersey Transportation Authority. NJDOT programs approximately \$2 billion annually for capital improvements on state and local roads and bridges. The Capital Program is approved as part of the State's budget.
Point of Contact	Name/Title: Dave Kuhn, Assistant Commissioner Email: David.Kuhn@dot.state.nj.us Phone: 609-530-5228 Address: 1035 Parkway Avenue. PO Box 600. Trenton, NJ 08625-0600
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Multiple hazards – flooding, storm surge, hazardous materials, road closures, power outages, hurricanes, etc.
Describe your organization's contribution to loss reduction from hazards.	No
Does your organization provide technical assistance?	Infrastructure preservation, mobility, and safety
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	No
Does your organization hold or attend mitigation trainings/seminars/ conferences?	No
Is Funding available for Hazard Mitigation?	Y – Funding of the Program is typically federal through the Federal Highway Administration or State through the Transportation Trust Fund.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	No



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Michael Baker
INTERNATIONAL

Organization Name:		New Jersey Department of Transportation - County Diversionary Route Plans
Description of Organization	These Diversion Plans are a compilation of predetermined diversion routes developed to improve coordination between State and local agencies when incidents occur. These Diversion Plans offer the Incident Commanders viable alternate routes to utilize during incidents. NJDOT/NJSP can provide assistance to the Incident Commander in establishing these designated diversions for the movement of traffic around an incident, thus avoiding region-wide gridlock. These plans support pre mitigation.	
Point of Contact	Name/Title: Sal Cowan. Director of Traffic Operations. Transportation Systems Management Unit Email: Salvatore.cowan@dot.state.nj.us Phone: 609-530-4690 Address: 1035 Parkway Avenue. PO Box 600. Trenton, NJ 08625-0600 Website: http://www.state.nj.us/transportation/ or http://www.dvrpc.org/Operations/IDrum.htm	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	NJDOT Diversion Plans can be used for any hazard that is a full road closure of a state-controlled/operated roadway.	
Describe your organization's contribution to loss reduction from hazards.	Facilitation	
Does your organization provide technical assistance?	Not technical assistance per se, but mutual coordination is critical. All the county diversion routes are in place. NJDOT's Traffic Operations is now in the process of reviewing all of the older versions of these routes since nothing is likely to stay the same. We approach the locals and inform them of our plan and they provide feedback to our team for recommended changes to the plan. We then incorporate their changes into the total document. Then we submit them for inclusion into our new electronic system (IDRuM).	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	NJDOT does not produce an Incident Management Plan each year. We have an Incident Management Program that is a federally funded program which provides for NJSP support for IM personnel to work hand in hand with our team. It provides funding for NJDOT Maintenance's response to incidents with their equipment, equipment and supplies for our responders as well as outreach to local agencies, participation in incident management task forces, and many other tools in the IM toolbox.	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Regular discussions and updates to work through the county police authorities.	
Is Funding available for Hazard Mitigation?	Diversion plan scope/funding is part of NJDOT's Incident Management with federal authorization.	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Not FEMA. See above for NJDOT's IM partnership with the NJ State Police.	



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Michael Baker
INTERNATIONAL

Organization Name: New Jersey Department of Transportation - Dredged Material Management	
Description of Organization	Dredged material is mostly sediment that has settled into the waterways through natural erosion processes. Dredging is the activity of removing the dredged material for purposes of safe navigation. Dredged material, particularly from state navigation channels, is relatively uncontaminated. This material can often be beneficially used for beach replenishment, as fill, or mixed with leaf mulch or wood chips to create topsoil. NJDOT provides interagency support, program planning and policy recommendations on maritime issues to the Commissioner, Governor, and the Legislature. NJDOT serves as the primary advisory body for the support of New Jersey's \$50 billion maritime industry which includes ports and terminals, cargo movement, boat manufacturing and sales, ferry operations, marine trades, recreational and commercial boating and maritime environmental resources. Management of dredging activities in New Jersey is generally divided into three main geographic areas – New Jersey/New York Harbor, Delaware River/Delaware River Ports and the State's Navigation Channels. This program also promotes coordination and cooperation among federal, state, regional, and non-governmental agencies.
Point of Contact	Name/Title: Genevieve Boehm Clifton Email: genevieve.boehm-clifton@dot.state.nj.us Phone: 609-530-4770 Address: 1035 Parkway Avenue. PO Box 600. Trenton, NJ 08625-0600 Website: www.state.nj.us/transportation/airwater/maritime
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	NJDOT/OMR works with agency partners and stakeholders to reduce the navigation hazards associated with sedimentation and debris in state channels.
Describe your organization's contribution to loss reduction from hazards.	Through this Dredged Material Resource Management Program, NJDOT/OMR contributes to safe and resilient navigation (recreational and commercial boating) and beach replenishment.
Does your organization provide technical assistance?	Y – NJDOT/OMR is responsible for the development, creation and maintenance of databases associated with New Jersey's Marine Transportation System including channel conditions, dredged material management locations/capacity, dredging projects, dredged material quality, etc. Parts of this system will be publicly accessible. NJDOT/OMR has produced numerous articles, brochures and other educational materials that educate the public on the benefits of NJ's Marine Transportation System.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/documents	NJDOT/OMR will integrate hazard mitigation planning into existing plans, policies, and documents, post Super-storm Sandy.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	N
Is Funding available for Hazard Mitigation?	OMR manages the National Boating Infrastructure Grant Program, the Ferry Boat Discretionary fund and the IBOAT NJ Program (currently suspended). While these programs do not provide funding for dredging, they do provide assistance for maritime infrastructure for commuter ferries and marinas, as well as educational and recreational programs.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Y; For Superstorm Sandy, OMR worked closely with NJDEP, NJOEM and the NJSP to coordinate the response and recovery efforts. NJDOT/OMR also provides guidance, advice and information on other maritime related matters when requested.



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Michael Baker
INTERNATIONAL

Organization Name: New Jersey Department of Transportation - Geographic Information System (GIS)	
Description of Organization	The Geographic Information System (GIS) is a computerized mapping system that stores a variety of data including traffic incidents, demographics, and open space. The department uses GIS to create maps that are used in several areas including planning and highway construction. GIS is also used to coordinate and plan project locations with other government agencies.
Point of Contact	Name/Title: Cindy Dey Email: Cynthia.Dey@dot.state.nj.us Phone: 609-530-2844 Address: 1035 Parkway Avenue. PO Box 600. Trenton, NJ 08625-0600 Website: http://www.state.nj.us/transportation/gis/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	GIS data can be used to address traffic accidents or congestion in addition to any geographical changes due to natural disasters.
Describe your organization's contribution to loss reduction from hazards.	GIS provides a critical capability with data and resources, which can be used to address our preparedness for all hazards.
Does your organization provide technical assistance?	GIS collects geographical data about construction, road inventory, accidents, demographics, and open space. The data is stored and used to generate municipal, county, state, and specialized maps. State and county maps are available online for the public.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	No.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	No.
Is Funding available for Hazard Mitigation?	No.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Y - We routinely work with NJOEM, as well as other agencies, especially during an event.



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Michael Baker
INTERNATIONAL

Organization Name:		New Jersey Department of Transportation - Local Aid and Economic Development
Description of Organization	<p>NJDOT is committed to advancing transportation projects that enhance safety, renew aging infrastructure, and support new transportation opportunities at the county and municipal level. The Transportation Trust Fund and the Safe, Accountable, Flexible, Efficient Transportation Equity (SAFE-TEA) Act legislation provide the opportunity for funding assistance to local governments for road, bridge, and other transportation projects. NJDOT has established a number of Local Aid Programs that provide financial support to counties and municipalities for capital improvements to transportation infrastructure.</p>	
Point of Contact	<p>Name/Title: Dave Kuhn, Assistant Commissioner Email: David.Kuhn@dot.state.nj.us Phone: 609-530-5228 Address: 1035 Parkway Avenue. PO Box 600. Trenton, NJ 08625-0600 Website: http://www.state.nj.us/transportation/business/localaid/</p>	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	Multiple hazards – flooding, storm surge, road closures, power outages, hurricanes, etc.	
Describe your organization's contribution to loss reduction from hazards.	Infrastructure preservation, mobility, and safety	
Does your organization provide technical assistance?	Y – NJDOT's Division of Local Aid has provided technical assistance to counties in assessing damage after storm events. The damage assessments are needed as part of the application process for federal Emergency Relief Program funds.	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	No.	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	No.	
Is Funding available for Hazard Mitigation?	<p>Y - Annually, Local Aid Programs provide approximately \$350 million in a combination of federal and state transportation trust fund funding. The Transportation Trust Fund alone provides \$175 million in State Aid to municipalities and counties for local transportation improvements. In FY 2011, the Municipal Aid funding was \$78.75 million for municipalities, \$78.75 million for counties, and \$17.5 million for the Local Aid Infrastructure Fund. In addition, several programs which provide funding to counties and municipalities are supported with federal monies available through the Transportation Equity Act for the 21st Century (TEA 21) legislation. The State funded programs include Bikeway Grants, Local Bridges, Safe Streets and Neighborhoods, Transit Village, and Centers of Place.</p>	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Y – Close coordination is required to ensure that damage is properly assessed and also to determine what is eligible under FEMA or FHWA regulations.	



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Michael Baker
INTERNATIONAL

Organization Name: New Jersey Department of Treasury, Division of Administration - Emergency Response Unit	
Description of Organization	The Division of Administration and the Emergency Response Unit (ERU) is the State Treasurer's representative and coordinating agency for all of the Department of Treasury's roles and responsibilities in and to Emergency Management. The ERU acts as the lead for the Department and deployment coordinator for the Department in Planning, Mitigation, Response and Recovery. The other Divisions and in, but not of Agencies coordinate through the ERU.
Point of Contact	Name/Title: Jeffrey D. Burns / Emergency Response Coordinator / Alternate Departmental OEM Coordinator Email: Jeffrey.burns@treas.state.nj.us Phone: (609) 292-8729 Address: 50 W. State St, PO Box 210, Trenton, NJ 08625-0210 Website:
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	All Hazards
Describe your organization's contribution to loss reduction from hazards.	Management and facilitation of funding applications and project management
Does your organization provide technical assistance?	Yes through State professional staff and contract engineering services
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Yes, The Division Coordinates and delegates mitigation and corrective action policies, programs and projects. Within the Division of Administration and to other Divisions of the Department.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes, through State Insurance Carrier.
Is Funding available for Hazard Mitigation?	Yes, grant application coordination.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes.



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Michael Baker
INTERNATIONAL

Organization Name: New Jersey Department of Treasury, Division of Risk Management	
Description of Organization	Is the Property and Liability Insurance Holder / Broker for State properties owned and leased. Many State Agencies run the day to day operation and maintenance for the buildings, properties and facilities they occupy so Treasury coordinates with DEP, DOT, Human Services, Corrections and State Police to ensure proper management and maintenance of these buildings . In addition, Risk Management is responsible for insuring all of these properties and facilities.
Point of Contact	Name/Title: Jeffrey D. Burns / Emergency Response Coordinator / Alternate Departmental OEM Coordinator Email: Jeffrey.burns@treas.state.nj.us Phone: (609) 292-8729 Address: 50 W. State St, PO Box 210, Trenton, NJ 08625-0210 Website:
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	All Hazards
Describe your organization's contribution to loss reduction from hazards.	This Division supports facilitation of pre- and post-hazard mitigation.
Does your organization provide technical assistance?	Yes through State Insurance Carrier, FM Global.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Yes, To help mitigate as quickly as possible when an emergency occurs or a disaster strikes one of the buildings, DRM has instituted the First Responder Network within the Agency to help in emergencies. When an agency contacts the State Police about a disaster/emergency, State Police has a Point of Contact (POC) in DRM to notify them of the disaster/emergency. DRM has an emergency responder team comprised of employees from Administration and Property management that are detailed to them in support of expediting insurance claims or support with other mitigation efforts.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes, through State Insurance Carrier.
Is Funding available for Hazard Mitigation?	No
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	No, Treasury ERU is the representative for the Department.



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INTERNATIONAL

Organization Name: New Jersey Infrastructure Bank (I-Bank)	
Description of Organization	<p>The New Jersey Infrastructure Bank is an independent State Financing Authority responsible for providing and administering low interest rate loans to qualified municipalities, counties, regional authorities, and water purveyors in New Jersey. It provides the two following programs:</p> <p>The New Jersey Environmental Infrastructure Trust (NJEIT) for the purpose of financing water quality infrastructure projects that enhance ground and surface water resources, ensure the safety of drinking water supplies, protect the public health and make possible responsible and sustainable economic development.</p> <p>The New Jersey Transportation Infrastructure Bank (NJTIB) is an independent State Financing Authority responsible for providing and administering low interest rate loans to qualified municipalities, counties, and regional authorities in New Jersey for the purpose of financing transportation quality infrastructure projects.</p>
Point of Contact	<p>Name/Title: Email: dzimmer@njeit.org Phone: (609) 219-8600 Address: 3131 Princeton Pike, Building 4 Suite 216, Lawrenceville NJ, 08648 Website: https://www.njib.gov/</p>
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Supports investment to make infrastructure more resilient to nature-based hazards (floods, hurricanes, tropical storms, severe weather, severe winter weather, etc.)
Describe your organization's contribution to loss reduction from hazards.	Provides funds to help rebuild water, transportation and energy infrastructure that is a more resilient and critical for public health and sustained economic development.
Does your organization provide technical assistance?	Yes, seminars and special event forums are conducted to highlight the various funding opportunities.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	No, not directly. The infrastructure bank is a funding source to help implement mitigation actions identified by communities and their local plans.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes, seminars and special event forums are conducted to highlight the various funding opportunities.
Is Funding available for Hazard Mitigation?	Yes, through the New Jersey Environmental Infrastructure Trust (NJEIT) and the New Jersey Transportation Infrastructure Bank (NJTIB)
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes, the New Jersey Infrastructure Bank has worked well with FEMA in the past as an alternative vehicle to help fund improvements.



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INTERNATIONAL

Organization Name: Garden State Preservation Trust	
Description of Organization	<p>The voters of New Jersey from 1998 to 2009 committed an unprecedented \$2.7 billion to permanent land preservation, development of recreational resources and the preservation of crucial historic sites in every community. In 2014 the voters approved additional funding for these efforts with a constitutional dedication of Corporation Business Taxes that eventually will range up to \$120 million a year.</p> <p>The Garden State Preservation Trust has been repeatedly tasked by the Legislature to function as the independent gatekeeper of those funds, including for the new CBT dedication. The GSPT board has the specific task of</p> <ul style="list-style-type: none">- setting financial strategies- measuring balances- monitoring expenditures- reviewing project recommendations- approving appropriations- advocating policies for the efficient use of funds- training preservation agencies on cost reductions
Point of Contact	<p>Name/Title: Ralph Siegel Email: ralph.siegel@treas.nj.gov Phone: 609 984-4600 Address: Garden State Preservation Trust 20 West State Street Room 440 P.O. Box 750 Trenton, NJ 08625-0750</p>
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Flooding and wildfire
Describe your organization's contribution to loss reduction from hazards.	Environmental Preservation. New Jersey has been a leader in land preservation for a half-century. This effort reached unprecedented levels under the Garden State Preservation Trust. Today, one third of New Jersey's dry land mass is permanently preserved as open space – a total acreage that exceeds the size of Grand Canyon National Park.
Does your organization provide technical assistance?	No
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Not directly, hazard mitigation is a positive externality to the Trusts environmental preservation mission.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	no
Is Funding available for Hazard Mitigation?	Provides funding to preserve land in areas vulnerable to flooding and wildfires that might otherwise be developed.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	no



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INTERNATIONAL

Organization Name:		New Jersey Highland Council
Description of Organization	<p>The NJ Highlands Region represents a 1,343 square mile area in the northwest part of the State and in 2001 was established as a Special Resource Area of the State. The NJ Highlands Council was established by the legislature in 2004 as part of the Highlands Water and Protection Planning Act and charged with the development and oversight of the Highlands Regional Master Plan (RMP). The NJ Highlands Council Regional Master Plan area includes lands within portions of seven counties and includes 88 municipalities. The Highlands Region serves as a vital source of drinking water for the State that is increasingly at risk of being overdeveloped. In 2002 the United States Forest Service Study Update indicated the region experienced an 11 % increase in population between 1990- 2001 and continued development is threatening the region's significant natural resources and the state's drinking water supply. While growth management efforts by individual municipalities continue under the Municipal Land Use Law, the state legislature determined that a coordinated regional effort is necessary.</p>	
Point of Contact	<p>Name/Title: James Humphries, Director of Planning and Science Email: james.humphries@highlands.nj.gov. Phone: (908) 879-6737 Address: 100 North Road, Rt 513, Chester, New Jersey 07930 Website: www.highlands.state.nj.us</p>	
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?	<p>Forest health hazards to be addressed in Forest Resource Management Plans to incorporate risk assessment of deadfalls, invasive species infestation and management, fire fuel loading, and risks for future instability in wind events. Stream flood hazards to be addressed in Stream Corridor Protection, Mitigation and Restoration Plans based on Stream Functional Value Assessment protocols.</p>	
Describe your organization's contribution to loss reduction from hazards.	<p>Highlands Council RMP programs support hazard mitigation as related to stream mitigation to avoid flood hazards and forest health hazards.</p>	
Does your organization provide technical assistance?	<p>Yes, Review and recommendations for forest resource management plans, stream corridor protection plans, as well as GIS capabilities.</p>	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	<p>Yes, Critical habitat mitigation ratio determination policy in place for establishing the Highlands resource mitigation ratio that may be required.</p>	
Does your organization hold or attend mitigation trainings/seminars/ conferences?	<p>no</p>	
Is Funding available for Hazard Mitigation?	<p>Yes, RMP grant funding for forest resource and stream corridor protection and management planning to include identification of restoration, mitigation and stewardship programing needs and mechanisms.</p>	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	<p>no</p>	



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Organization Name:		Jacques Cousteau National Estuarine Research Reserve's Coastal Training Program
Description of Organization		The Coastal Training Program provides up-to-date scientific information, access to technologies and skill-building opportunities to professionals responsible for making decisions about coastal resources.
Point of Contact		Name/Title: Lisa Auermuller/Watershed Coordinator Email: auermull@marine.rutgers.edu Phone: 609-812-0649 x204 Address: 130 Great Bay Blvd. Tuckerton, NJ 08087 Website: http://www.jcnerr.org/education/coastaltraining/index.html
Hazard Mitigation Effectiveness - Current Capabilities		
What hazards are addressed by your organization?		Multiple natural hazards with a focus on flooding (storm surge and inundation) and sea level rise information.
Describe your organization's contribution to loss reduction from hazards.		Science-based information to help reduce risk now and into the future.
Does your organization provide technical assistance?		Yes – works with local communities and counties to understand coastal processes/environmental issues and provides science-based information to aid in the decision making process.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents		<p>“Getting to Resilience” (www.prepareyourcommunitynj.org) is an online self-assessment developed to assist communities in reducing vulnerability and increase preparedness by linking planning, mitigation, and adaptation. Through this interactive process communities will learn how their preparedness can yield valuable points through voluntary programs like FEMA’s Community Rating System and Sustainable Jersey. The assessment process will also increase the community’s understanding of where future vulnerabilities should be addressed through hazard mitigation planning. Developed to be used in association with NJFloodMapper.org, Getting to Resilience is the next step in communities planning for the risks associated with climate change and sea level rise. Together, these websites will help communities visualize their future risk and plan for that risk using their existing municipal planning tools. The Getting to Resilience questionnaire will not be completed in one day or by one person. It was developed to be completed by a set of individuals from a community and to be completed over a period of time. Creating an account will allow your community to create one set of answers and to work together collectively. Key municipal officials and staff should include Land Use Planners, Hazard Mitigation Planners, Floodplain Managers, Emergency Managers, Stormwater Managers, Natural Resource Planners, Municipal Engineers, Municipal Leaders, Zoning and Permitting Officials, and Public Works Officials.</p> <p>NJFloodMapper.org While sea level rise is a global phenomenon, adapting to its impacts is a local challenge that requires site-specific remedies. As recent storm events have demonstrated, local planners and managers need access to detailed, place-based information on critical human and environmental infrastructure that is potentially at risk to sea level rise and flooding. To address these needs, an interactive mapping tool was developed to provide ready access to sea level rise simulations and FEMA flood/storm surge maps along with location of key institutional facilities, coastal evacuation routes, and social and environmental vulnerability, the NJFloodMapper (www.NJFloodMapper.org). The project was a collaboration between the Rutgers University Center for Remote Sensing & Spatial Analysis (CRSSA), the Jacques Cousteau National Estuarine Research Reserve (JC NERR) and the NOAA Coastal Services Center. CRSSA was responsible for the technical aspects, while JC NERR was responsible for the collaborative, evaluation/assessment and knowledge dissemination portions of the project. A stakeholder-based approach was used to ensure collaboration among investigators, intended users, and relevant stakeholders throughout development of the tool. NOAA CSC provided the software template that CRSSA customized to meet the user needs in New Jersey. Although the project was initiated well prior to Hurricane Sandy, the NJFloodMapper will be useful for response and rebuilding efforts pursued by state agencies, municipal governments and individual landowners. Mike De Luca, Manager of the Jacques Cousteau National Estuarine Research Reserve, states the NJFloodMapper tool will help communities reduce their vulnerability to sea level rise and flood events, and help to identify open space areas to preserve as a buffer from damaging storm waters.</p>
Does your organization hold or attend mitigation trainings/seminars/ conferences?		On occasion – yes. These are usually scheduled with NJAFM and/or NJ DEP Bureau of Floodplain and/or NJ State OEM
Is Funding available for Hazard Mitigation?		None
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?		Working as an academic partner to FEMA/ NJDEP Bureau of Flood on the Region 2 remapping project and RISK MAP project.



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Michael Baker
INTERNATIONAL

Organization Name: New Jersey Turnpike Authority	
Description of Organization	<p>The New Jersey Turnpike Authority (Authority) is dedicated to the safe and efficient movement of people and goods over two of the busiest toll roads in the United States – the New Jersey Turnpike (NJTP) and the Garden State Parkway (GSP). The Authority's highways are a critical link in the transportation network of the Northeast Corridor. Every day, the Turnpike and the Parkway provide the safest, quickest, and most convenient routes for hundreds of thousands of commuters, truckers, and recreational travelers.</p> <p>The mission of the Authority is to prudently manage the finances and operations of the New Jersey Turnpike Authority to provide our customers with a safe, efficient, innovative, and resilient toll road system, which facilitates mobility in New Jersey and the Northeast United States.</p>
Point of Contact	<p>Name/Title: John Keller/Deputy Chief Engineer Email: keller@turnpike.state.nj.us Phone: (732) 750-5300 ext. 8263 Address: PO Box 4052, Woodbridge Township, NJ 07095-4052 Website: http://www.njta.com/</p>
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Flooding, Geological Hazards, Hurricane and Tropical Storm, Severe Weather, Severe Winter Weather, Nor'easters, Hazardous Substance Accidents, and Terrorism.
Describe your organization's contribution to loss reduction from hazards.	Under the current 10-year, \$7 billion capital program adopted in 2008, the Authority has expanded capacity, repaired deteriorating bridges, reconfigured entrance and exit ramps, improved maintenance yards and toll plazas, and expanded the use of technology for collecting and communicating information about roadway conditions. Under this capital program, the following projects have been advanced addressing hazard mitigation:



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INTERNATIONAL

Organization Name: New Jersey Turnpike Authority	
Describe your organization's contribution to loss reduction from hazards (continued).	<p>A. Facilities Improvement Program – This \$500M program will replace or rehabilitate maintenance multi-use buildings, storage facilities, increased capacity salt storage buildings, and other structures in the yards of 19 maintenance districts along the corridor of both roadways. The maintenance districts are responsible for storm response for the NJTP and GSP. As part of this program multiple State Police facilities are being replaced, toll utility buildings and plaza facilities are being upgraded, and a back-up traffic management center is being constructed. All facilities are to be equipped with back-up generators. In addition, upgrades to storm response components of each yard include, but are not limited to, enhanced brine and MgCl facilities.</p> <p>B. Bridge Security Program – Authority-wide security vulnerability assessment and improvement program that includes targeted hardening of critical facilities, installation of cameras, and installation/upgrade of fencing. This additionally includes a \$10M security upgrade at the GSP Driscoll Bridge.</p> <p>C. Variable Message Sign (VMS) Project(s) – Installation of variable message signs to create a messaging platform for incident management, public safety, emergency information sharing, congestion management, motorist guidance, maintenance activity, and special events. VMS installations have been erected at approximately 2-4 mile intervals Authority-wide.</p> <p>D. Forest Fire Prevention– Select vegetation clearing and to provide for firebreaks.</p> <p>E. Maintenance Prevention – The Authority maintains an extensive in-house maintenance staff keep the roadways operational 24/7. Many of the maintenance activities address hazard mitigation. This includes continuous inventory,</p>



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INTERNATIONAL

Organization Name: New Jersey Turnpike Authority	
Describe your organization's contribution to loss reduction from hazards (continued).	<p>assessment and cleaning of storm sewer systems and culverts to prevent flood events, HVAC and emergency generator upgrades at maintenance facilities, and roadway and navigational lighting repair to maintain nighttime visibility.</p> <p>F. Manasquan Bridge Replacement – Replacement of the GSP bridges (NB and SB) over the Manasquan River in Brick Township, Ocean County. These bridges are subject to routine flooding and were replaced providing a finished deck elevation above the XXX-year storm.</p> <p>G. Post-Sandy Relief and Recovery – The Authority provided staff, resources, and equipment to neighboring municipalities to assist with relief efforts in the aftermath of the storm. In addition, impacted facilities were also improved to reduce future storm impacts. This includes the reconstruction of the Grover Cleveland Service Plaza and the installation/upgrade of various numn stations.</p> <p>H. Roadside Weather Information System (RWIS) – RWIS Stations are being installed Authority-wide to track roadway and climatological conditions to aid in storm response and recovery. Strategically located RWIS stations work in tandem with thermal mapping of the roadways to provide data used for predictive forecasting on roadway conditions. These forecasts assist the Authority with storm readiness, resource allocation, and response.</p> <p>I. Coastal Evacuation – Several GSP bridges over major waterways have been recently replaced providing increased capacity and redundancy in the event of coastal evacuation. Bridges including the GSP Great Egg Harbor Bay Bridge, Mullica River Bridge, and Bass River Bridge have all been replaced.</p> <p>J. <<<NJTA TO ADD>>></p>
Does your organization provide technical assistance?	Not applicable.



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Michael Baker
INTERNATIONAL

Organization Name: New Jersey Turnpike Authority	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	<p>The Authority contributes to loss reduction by promoting the construction and maintenance of safer roadways to reduce impacts of hazard events. The Authority participates in or has implemented the following programs and improvements as capabilities to promote loss reduction against hazards:</p> <p>1. <u>Detailed Inundation Mapping Study</u> – Inundation study modeled high-water events, such as hurricanes, by researching available predictive hydraulic computer models and then defining the elevation of selected portions of the NJTP and GSP including interchanges, ramps, police and maintenance facilities within the Right of Way (ROW). The study area included milepost 0 – 5 and 83 – 122 on the NJTP and milepost 0 – 137 on the GSP. By modeling coastal surge inundation areas along the Authority’s Right of Way, the following areas have the greatest risk for potential inundation during a high-water event:</p> <ul style="list-style-type: none">• Portions of the NJTP roadway segments located from Woodbridge Township north to the Town of Secaucus, including the Eastern and Western Spurs.• Southernmost section of NJTP at the Delaware River.• GSP roadway in Cape May County and southern portion of Atlantic County.• Portions of the GSP roadway and bridge segments that cross over and near the Mullica River in Bass River Township and the City of Port Republic.• Portions of the GSP roadway and bridge segments that cross over and near the Raritan River in the Borough of Sayreville, Township of Woodbridge, and Township of Old Bridge. <p>Within the areas noted above, Authority facilities are also vulnerable at the same coastal surge level including toll plazas, maintenance districts, State Police facilities, and service areas. Refer to the Mitigation Actions summary table for a detailed listing of these vulnerable facilities.</p>



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INTERNATIONAL

Organization Name: New Jersey Turnpike Authority	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents (continued).	<p>2. Maintenance and Jurisdictional Limit Map - Formal agreement and maps to define highway maintenance and jurisdiction where Authority ROW meets State/County/local ROW. Maintenance is defined as the upkeep of the highway area and includes, but is not limited to; the upkeep of pavement, curb, drainage, berms, slopes, guide rail, signs, sign structures, delineators, pavement markings, mowing, landscaping, fencing, snow removal and ice control.</p> <p>3. Winter Operations – Snow and Ice Control Manual – the purpose of this Manual is to disseminate policies, instructions, techniques and information pertaining to snow and ice control</p> <p>operations of the New Jersey Turnpike Authority. The Manual is intended to serve as a general guide and reference to promote uniformity of practice for snow removal and ice control. It is the basic policy to maintain a “BARE PAVEMENT” at all times consistent with storm conditions.</p>
Does your organization hold or attend mitigation trainings/seminars/ conferences?	<p>The Authority conducts trainings and exercises for hurricane evacuations. The main element of the evacuation exercise is preparation to set up a contra flow on the Garden State Parkway. Contra flow is reversing the direction that traffic normally flows on a section of roadway to maximize the capacity of the road.</p> <p><<<NJTA to add>>></p>
Is Funding available for Hazard Mitigation?	<p>No, there is no direct hazard mitigation funding available. The mission of the Authority is to provide customers with a safe toll road system that is in a state of good repair with adequate capacity to help ensure the success of the New Jersey economy. While this is not mutually exclusive to hazard mitigation planning, previous and current capital plans have not been funded to a level adequate to address many vulnerable areas of the roadways.</p>
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	<p>The Authority conducts limited trainings and exercises in close coordination with the State Police and Department of Corrections for hurricane evacuations and response. It has not been involved with NJOEM directly, but would like to strengthen that partnership.</p>



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Michael Baker
INTERNATIONAL

Organization Name: New Jersey Sports and Exposition Authority	
Description of Organization	The New Jersey Sports and Exposition Authority (NJSEA) holds the land lease for and provides for the ongoing operation of the MetLife Sports Complex. The NJSEA is also the regional planning and zoning agency for the 30.4-square-mile Hackensack Meadowlands District through its absorption of the former New Jersey Meadowlands Commission (NJMC) in 2015. The District includes parts of 14 towns in Bergen and Hudson counties. The Authority upholds the former NJMC's three-fold mandate to provide for orderly development of the region, to provide facilities for the sanitary disposal of solid waste, and to protect the delicate balance of nature.
Point of Contact	Name/Title: Fawzia Shapiro, P.E., P.P., CFM, Assistant Chief Engineer Email: Fawzia.Shapiro@njmeadowlands.gov Phone: 201-460-4673 Address: One DeKorte Park Plaza P.O. Box 640 Lyndhurst, NJ 07071 Website: http://www.njsea.com/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	All Hazards
Describe your organization's contribution to loss reduction from hazards.	Yes. Floodplain Management, Land Use planning, Sustainability, Emergency Response Information.
Does your organization provide technical assistance?	Yes. Interactive Municipal Maps, Emergency Response Maps, Emergency Response Information, Municipal Equipment Pool. MERI provides vital resources to Meadowlands District first responders and municipal officials through its Geographic Information Systems (GIS) digital mapping program. The maps provide emergency officials immediate access to critical information, including continuously updated data on hazardous materials stored in warehouse facilities, fire hydrant locations, incident reports, floor plans, turn-around space for firetrucks, and current and historical aerial imagery. The GIS group also offers a water level alert system and flood prediction maps to first responders and the public. The email and text-based alerts for District towns are sent when water levels reach 5.5 feet above sea level and continue to be relayed as the levels rise.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Yes. -NJMC Master Plan -Hackensack Meadowlands Floodplain Management Plan -Floodplain Management Planning - Zoning regulations require a ABFE +1 Ft (Planners and Engineers review elevation certificates) -Redevelopment Plans
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes. Monthly Board Meetings, The Meadowlands Environment Center (MEC) educational programs, Super Storm Sandy: Five Years Later Conference,
Is Funding available for Hazard Mitigation?	Yes, the agency over the past five decades has attracted billions of dollars in economic development to the Meadowlands while fostering the region's
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Yes. Integrating comprehensive planning and hazard mitigation.



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Michael Baker
INTERNATIONAL

DRAFT 8/9/18

Organization Name:		NJ TRANSIT	
Description of Organization		<p>NJ TRANSIT is New Jersey's public transportation corporation. Its mission is to provide safe, reliable, convenient and cost-effective transit service with a skilled team of employees, dedicated to our customers' needs and committed to excellence.</p> <p>Covering a service area of 5,325 square miles, NJ TRANSIT is the nation's third largest provider of bus, rail and light rail transit, linking major points in New Jersey, New York and Philadelphia. The agency operates an active fleet of 2,221 buses, 1,231 trains and 21 light rail vehicles. On 252 bus routes and 12 rail lines statewide, NJ TRANSIT provides nearly 270 million passenger trips each year.</p>	
Point of Contact		<p>Name/Title: Brad Mason, Sr. Director of Capital Resilience and Enterprise Asset Management, Email: BMason@njtransit.com Phone: (973) 491 -7646 Address: 1 Penn Plaza East, Newark NJ 07105 Website: http://njtransitresilienceprogram.com/, https://www.njtransit.com</p>	
Hazard Mitigation Effectiveness - Current Capabilities			
What hazards are addressed by your organization?		<p>Flood-related hazards; Extreme weather events such as 2012's Superstorm Sandy helped identify vulnerabilities in the New Jersey / New York region's transportation. The likelihood of more and frequent severe weather events underscores the need to make transportation resiliency a high priority for the area.</p>	
Describe your organization's contribution to loss reduction from hazards.		<p>NJ TRANSIT Resilience Program is a comprehensive capital improvements program aimed at making the NJ TRANSIT transportation system even stronger, more durable, and more reliable. Each of the projects undertaken as part of the Resilience Program contributes in a significant way to system-wide integrated resiliency. And, while each project has independent utility, together they create a strengthened transit system that will meet the needs of our train, bus and light rail customers for years to come.</p> <p>Current Projects: -Delco Lead Storage and Inspection Facility -NJ TRANSITGRID -Long Slip Fill and Rail Enhancement - Raritan River Bridge Replacement - Signals & Communications Resilience is an infrastructure resiliency project</p> <p>Under the direction of the NJTPD Chief of Police, the Office of Emergency (OEM) is responsible to coordinate emergency management activities with all departments and business lines of NJ Transit.</p>	
Does your organization provide technical assistance?		No	
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents		<p>Yes, - Comprehensive Emergency Management Plan (CEMP) - NJ TRANSIT Response to TEEX After Action Report - NJ TRANSITGRID TRACTION POWER SYSTEM Agency and Public Coordination Plan (May 25, 2016) - Stevens partnership for the Coastal Storm Surge Warning System (SSWS) -Under the direction of the NJTPD Chief of Police, the Office of Emergency (OEM) is responsible to coordinate emergency management activities with all departments and business lines of NJ Transit.</p>	
Does your organization hold or attend mitigation trainings/seminars/ conferences?		Yes	
Is Funding available for Hazard Mitigation?		Yes, NJ TRANSIT Resilience Program administers a comprehensive capital improvements program	
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?		Yes	



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INTERNATIONAL

Organization Name: The North Jersey Transportation Planning Authority	
Description of Organization	The NJTPA is the federally authorized Metropolitan Planning Organization for 6.7 million people in the 13-county northern New Jersey region. Each year, the NJTPA oversees more than \$2 billion in transportation improvement projects and provides a forum for interagency cooperation and public input. It also sponsors and conducts studies, assists county planning agencies and monitors compliance with national air quality goals.
Point of Contact	Name/Title: Jeffery Perlman AICP., PP./Manager of Environmental Email: jperlman@njtpa.org Phone: (973) 639-8445
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Sea Level Rise, storm surge, riverine flooding, and extreme heat events
Describe your organization's contribution to loss reduction from hazards.	The agency conducts studies and serves on various interagency committees and working groups to support resiliency planning in northern New Jersey. Examples include the recently completed Post-Hurricane Sandy Transportation Resilience Study of NY, NJ, and CT (https://www.njtpa.org/planning/regional-studies/completed-studies/post-hurricane-sandy-transportation-resilience/ny-nj-ct-hurricane-sandy-follow-up) and the ongoing Resilience Plan for the Passaic River Basin.
Does your organization provide technical assistance?	The NJTPA does not directly offer technical assistance to municipalities. The NJTPA does conduct studies as well as fund "subregional" studies (the 13-northern NJ counties and the Cities of Jersey City and Newark) that may include hazard mitigation topics, such as Green Infrastructure.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	Plan 2045: Connecting North Jersey Long Range Transportation Plan
Does your organization hold or attend mitigation trainings/seminars/ conferences?	Yes. The NJTPA has hosted trainings and webinars related to climate mitigation and adaptation topics.
Is Funding available for Hazard Mitigation?	The NJTPA does not fund Hazard mitigation projects
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Not an ongoing coordination though the NJTPA invites NJOEM and FEMA representation on the above referenced resilience studies conducted for the region



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Organization Name: New Jersey Pinelands Commission	
Description of Organization	The New Jersey Pinelands Commission is an independent state agency whose mission is to "preserve, protect, and enhance the natural and cultural resources of the Pinelands National Reserve, and to encourage compatible economic and other human activities consistent with that purpose."
Point of Contact	Name: Gina Berg Email: Gina.Berg@pinelands.nj.gov Phone: (609) 894-7300 Address: 15 Springfield Road New Lisbon, NJ 08064 Website: https://www.nj.gov/pinelands/
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Natural Hazards including wildfires and flooding.
Describe your organization's contribution to loss reduction from hazards.	Through its implementation of the Pinelands Comprehensive Management Plan (CMP), the New Jersey Pinelands Commission protects the Pinelands in a manner that maintains the region's unique ecology while permitting compatible development. The CMP contains provisions for Fire Hazard Mitigation, Wetlands protection and Permanent Land preservation Programs that reduce risk and vulnerability to wildfires and flooding.
Does your organization provide technical assistance?	The Commission has a staff of environmental reviewers, planners, and scientists to help support the mission of the Commission and Comprehensive Management Plan.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/ documents	The regulations and standards contained in the CMP are designed to promote orderly development by channeling growth toward appropriate areas while safeguarding the region's unique natural, ecological, agricultural, archaeological, historical, scenic, cultural and recreational resources. The CMP contains provisions for Fire Hazard Mitigation, Wetlands protection and Permanent Land preservation programs that reduce risk and vulnerability to wildfires and flooding.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	No
Is Funding available for Hazard Mitigation?	Not directly. However, the Commission's permanent land protection programs, includes the Pinelands Development Credit program, the Limited Practical Use program and the acquisition component of the Pinelands Conservation Fund preserve land.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	No



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Michael Baker
INTERNATIONAL

Organization Name:	Rutgers University - The Office of the New Jersey's State Climatologist
Description of Organization	The Office of the New Jersey State Climatologist (ONJSC) is situated within the New Jersey Agricultural Experiment Station at Rutgers, The State University of New Jersey. The ONJSC mission is three fold: 1) gather and archive NJ weather and climate observations, 2) conduct and foster research associated with NJ's weather and climate, and 3) provide critical climate services to all seeking assistance.
Point of Contact	Name/Title: Dr. David A. Robinson Email: david.robinson@rutgers.edu Phone: 848-445-4741 Address: Office of the NJ State Climatologist, Department of Geography, Rutgers University, 54 Joyce Kilmer Ave., Piscataway, NJ 08854 Website: http://njclimate.org
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	The ONJSC plays multiple roles with regard to weather and climate hazards impacting New Jersey on local to statewide scales. Hazards range in time from flash flood-inducing heavy rains to long-term precipitation deficits that lead to drought. Other examples include extreme heat, snowstorms, ice storms, severe thunderstorms, and damaging winds (tornadoes, downbursts, straight line). Hazards without a natural cause often require timely, local information, such as chemical spills and potential terrorist activities. The ONJSC staff is involved with the monitoring of any hazardous event, with maintaining a library of data and other materials associated with hazards, and with providing expert advice to decision makers and stakeholders.
Describe your organization's contribution to loss reduction from hazards.	Knowledge of historic, ongoing and potential future weather and climate episodes can reduce losses to natural or human-caused hazards. The ONJSC is the "go to" source for data, information and expertise for virtually any effort that aims to reduce losses.
Does your organization provide technical assistance?	The ONJSC generates and archives data. Generated data are from the NJ Weather and Climate Network (NJWxNet), an assemblage of 55 automated weather stations situated throughout NJ. A decade or more of hourly observations are available from some of the stations, while others have shorter records. Since fall 2012 observations are available on a five-minute basis. Along with these records, ONJSC archives or has ready access to National Weather Service (NWS) Cooperative Weather Station data. These are daily observations from several dozen stations at any given time over the past century plus. Individual stations have as many as 120 years of data; others have come and gone since the late 19th century. Another source of generated data is the Community Collaborative Rain, Hail and Snow Network (CoCoRaHS), which includes daily observations of rain and snow from as many as several hundred volunteers throughout NJ. This network began in 2008 and is coordinated by the ONJSC. The ONJSC provides NJWxNet training to the NWS, the NJOEM, the NJDEP and others. Training is also provided to CoCoRaHS observers. The ONJSC provides frequent educational presentations to schools, community organizations and other groups. Topics fall under the general rubric of environmental education. The NJWxNet has added approximately 20 stations and begun observing every five minutes since the last update. The NJ CoCoRaHS network has expanded from approximately 100 active observers since the update to over 250.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/documents	The ONJSC collaborates with public and private entities involved with NJ hazard mitigation assessment and planning. This involves the generation and expert evaluation of historic weather and climate data and value-added products to assist in mitigation efforts. The ONJSC is led by Dr. David A. Robinson, a professor of geography at Rutgers and for the past 22 years, the New Jersey State Climatologist. Assistant State Climatologist, Mathieu R. Gerbush, assists Dr. Robinson along with others on a small staff that includes a meteorologist, IT specialists, field technicians, and students. The ONJSC has generated multiple weather and climate products that are used by municipal, county and state officials, with the potential of creating others in cooperation with these individuals.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	No. This is not within the purview of the ONJSC.
Is Funding available for Hazard Mitigation?	None
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	The ONJSC partners with the NJOEM and other agencies regarding hazard mitigation, making every effort to provide these groups with any and all weather/climate related information necessary for successful planning.



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Organization Name:	
Description of Organization	MPO--Metropolitan planning organization with main Federal mandate for doing long-range planning for South Jersey metropolitan region. We do the Federally-required RTP every 4 years, as well the Transportation Improvement Program (TIP) every two years. Although we are administered by the State (SJTA), we are 100% Federally-funded. Also responsible for administering various pools of money (CMAQ, STP, Transportation Alternatives) for transportation infrastructure projects.
Point of Contact	Jennifer Marandino, PE Executive Director--email: jmarandino@sjtpo.org ; David Heller--Program Manager--Systems Performance and Subregional Programs. (Point person for resiliency initiatives at SJTPO). Email: dheller@sjtpo.org .Phone: (856)-794-1941.
Hazard Mitigation Effectiveness - Current Capabilities	
What hazards are addressed by your organization?	Flooding--which is mitigated through good drainage projects. Many of our local lead projects are roadway resurfacing projects which may include a drainage component. Local lead money has also been used to raise roadways. (Sea Isle Boulevard in Sea Isle City).
Describe your organization's contribution to loss reduction from hazards.	"Improve the resiliency and reliability of the transportation infrastructure, particularly along the Atlantic and Delaware Bay shorelines" is a goal in <i>Transportation Matters-A Plan for South Jersey</i> , our current Regional Transportation Plan. Through funding of resiliency-type projects. (per above). Increasing general awareness of resiliency issues through our long-range plan, technical studies (GHG emissions inventory), and overall public outreach.
Does your organization provide technical assistance?	Yes, we are drafting Problem Statements for potential NJDOT projects (albeit they are primarily safety, congestion issues.) We also maintain an extensive data repository for use by our subregions and stakeholders. Data includes crash data, traffic and turning movement counts, signal timing plans, pavement conditions (for local and county roads), mapping of flood zones, and an extensive GIS layer inventory. We are in the process of getting access to TRANSINFO, an enterprise data warehouse that houses much of the NJDOT Management System Data (i.e., Congestion, HPMS, Pavement, Bridge, etc.) We also have some powerful tools which can be used in technical analysis and for decision support. These include our travel demand model. We have also constructed models in SYNCHRO to test and evaluate signal timing alternatives.
Is hazard mitigation addressed in existing plans/policies/documents? If so please name relevant plans /policies/documents	In a general sense--in our current RTP-- <i>Transportation Matters</i> . Chapter 6--Environmental Considerations. In addition, two of our most vulnerable counties--Atlantic and Cape May County, have prepared Strategic Recovery Planning Reports, which are funded with post-Hurricane Sandy grants.
Does your organization hold or attend mitigation trainings/seminars/ conferences?	We do not hold any but have attended mitigation trainings/seminars/(webinars), and conferences over the years. I have also presented on hurricane preparedness (primarily from a transportation infrastructure perspective) at a few conferences over the past year, including a conference held in October 2017 sponsored by the NJ Meadowlands, "Superstorm Sandy: 5 Years Later."
Is Funding available for Hazard Mitigation?	Not through any of the funding streams we administer.
Does your organization have any NJOEM/FEMA Mitigation partnership/coordination?	Not too much currently.