

Delaware River Basin Commission

Climate Change Forum for the Delaware River Basin

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Advisory Committee on Climate Change



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2021 Climate Change Forum Program Summary

■ Opening Plenary

- **Howard Neukrug, P.E., BCEE, Hon. D.WRE**, Water Center at Penn; *Moderator*
- Governor Philip D. Murphy, State of New Jersey; *Special Message*
- Benjamin Hamlington, Ph.D., NASA; *How NASA Is Using Satellites to Understand Sea Level Science*

■ Climate Change and the Delaware Estuary

- **Marjorie Kaplan, Dr.P.H.**, Rutgers U.; *Moderator*
- **Danielle Kreeger, Ph.D.**, PDE; *Climate Change Indicators in the Technical Report for the Delaware Estuary and Basin*
- Fanghui Chen, Ph.D., P.E., DRBC; *Sea Level Rise Impacts on Delaware Estuary Wetlands and Marshes*
- Judith Weis, Ph.D., Rutgers U.; *How are Delaware Bay's Salt Marshes Faring in the Face of Sea Level Rise?*
- Mayci Shimon, Villanova U.; *Impacts of Salinity Change on Greenhouse Gas Emissions in Marsh Ecosystems along the Salinity Gradient in the Delaware River Estuary*
- Ruo-Qian (Roger) Wang, Ph.D., Rutgers U.; *Satellite-based Monitoring of Delaware Bay Surface Area*

Program Summary (cont)

■ Climate Change-ing the Way We Do Business

- **Julia Rockwell**, PWD; *Moderator*
- Glenn “Hurricane” Schwartz, NBC10; *Featured Speaker*
- **Upmanu Lall, Ph.D.**, Columbia U.; **William Brady III, P.E.**, Exelon Corporation; **Robert Scarborough, Ph.D.**, DNREC; **Nicholas Procopio, Ph.D.**, GISP, NJDEP; *ACCC Member Panel*

■ Climate Change Impacts

- **Elizabeth Koniers Brown**, Audubon Mid-Atlantic; *Moderator*
- Greg McCabe, Ph.D., USGS; *Hydro-climatic Drought in the Delaware River Basin*
- Christopher Woltemade, Ph.D., Shippensburg U.; *Impact of Changing Climate and Land Cover on Flood Magnitudes in the Delaware River Basin*
- Ian Kraucunas, Ph.D., PNNL; *Integrated Coastal Modeling - a New DOE Project*