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From: Messaros, Roy C CIV (USA) <Roy.C.Messaros@usace.army.mil>

Sent: Wednesday, March 25, 2020 10:37 AM

To: Aspinwall, Jill <Jill.Aspinwall@dep.nj.gov>

Cc: Messaros, Roy C CIV (USA) <Roy.C.Messaros@usace.army.mil>

Subject: [EXTERNAL] Incorporate Resiliency in Flood Prone Areas

Good morning Jill,

I hope this email finds you well.

1. My thoughts are to adequately communicate risk and uncertainty (to the public) and therefore would be in favor of possibly redefining the tidal flood hazard area. a. 100-yr + 3 ft SLR (Risk) + 1 ft FOS (Uncertainty) captures my concerns. However 3 ft of SLR could be slightly aggressive.

2. As above, need to adequately communicate risk and uncertainty. The state study may be a better representation of actual conditions more so than FEMA. However FEMA is the generally acceptable agency that makes these determinations. Perhaps option b. FEMA 100-yr with Risk and Uncertainty.

3. I believe the USACE has already defined this but rather than quoting a document/reg I'd rather use my own words. Critical facilities include hospitals, emergency services including police and fire, utilities/power.

4. In a word yes. Builders should have a shared sense of responsibility and building standards would help to that end.

v/r,

Roy

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