



## Penobscot County Emergency Management Agency

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Purpose: Hazard Mitigation Plan – GIS Hazard Mitigation Meeting

Date: March 25<sup>th</sup>, 2021

Time: 8:00AM – 8:30AM

Location: Zoom

### Topics of Discussion:

- I. Overview of FEMA Region 1 – GIS division, use of GIS in the four phases of emergency management.
  - a. Three specialists that focus on mitigation / risk analysis, response and recovery.
  - b. Significant COVID mapping operations.
  - c. Assisting state, county, and local jurisdictions with hazard mitigation projects.
  - d. Host monthly state and local stakeholder GIS workgroup for collaboration.
- II. Overview of Bangor School District use of GIS with students and potential collaboration projects with county emergency management.
  - a. Student field work creating maps / apps in natural hazard risks.
  - b. Penobscot River PH levels, flooding, ice conditions mapping.
  - c. STEM department internships with county emergency management.
- III. Anticipated county emergency management GIS operations
  - a. Commodity flow, SLOSH / coastal evacuation, flood plain, and FERC dams.
  - b. Municipal mitigation projects and restoration areas that coincide with BRIC grants.
  - c. Crowd-source data in disaster response for critical infrastructure and vulnerable populations.
  - d. Zoning and long-term recovery projects.