



Plan Development

Including Dams in Community Resiliency Planning

Hazard mitigation plans should consider risk and provide mitigation strategies to address:

- 1 Dam breach due to known failure modes.
- 2 Incremental risk that can be attributed to the presence of the dam should the dam breach under normal operation.
- 3 Non-breach incidents that can result in adverse conditions downstream such as operational releases or large spillway flows within the design capacity that exceed channel capacity scenarios.
- 4 Residual risk that remains after the rehabilitation has been completed. With respect to dams, residual risk is the “risk remaining at any time.”

Including Dam Risk in Hazard Mitigation Planning / Floodplain Management Planning

During this session, the participants will build an understanding of how to consider the Rehabilitation of High Hazard Potential Dam Grant Program hazard mitigation and floodplain management plan requirements. Facilitators will share overviews of how to develop a floodplain management plan that identifies how to reduce the impacts of future flood events in the area protected by the grant project. Additionally, they will provide an overview of and guidance on the National Environmental Policy Act (NEPA) process. The participants will also be introduced to best practices in identifying dam risk in a hazard mitigation plan. A subject matter expert, for example from the National Silver Jackets program, will be a guest speaker to provide current best practices and available state and federal resources.

FEMA works collaboratively with communities to set their own goals and objectives. Below are common results set by communities for this session.

- **Format:** Online
- **Results:**
 - ✓ Participants will be able to consider hazard mitigation and floodplain management planning for dam emergencies effectively.
 - ✓ Participants will know how to develop mitigation plans and build a collaborative team.
 - ✓ Participants will gain a foundation in the history, purpose, guidelines, documentation, and processes of the National Environmental Policy Act (NEPA). They will also learn how to effectively approach a joint environmental review process that complies with federal and state requirements.