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Watershed Rehab Training Webinar Attachment

Below are the watershed rehabilitation webinars that have been prepared through 2017. It is recommended that watershed planners with new projects review applicable sections of this webinar series. The series discusses some specifics related to rehabilitation of aging dams, but much of the training is applicable to supplementing previously authorized or new watershed planning projects. If you are unable to link to the training on the SharePoint site then contact Jesse Wilson at jesse.wilson@wdc.usda.gov for access to the files.

Webinar 1 – Working with Sponsors

<https://usdanrcs.adobeconnect.com/p17nmyo77e2/>

1. Understanding of Sponsor's Needs
 - Communicating the message
 - Tips for working with Boards
 - NRCS Involvement
2. Funding
 - Funding requests
 - National funding methodology
 - Project prioritization process

Webinar 2 – Dam Assessments

<https://usdanrcs.adobeconnect.com/p69hzz1ko6h/>

1. Dam Assessment Policy
 - Assessment priorities
 - Assessment database
 - Status of assessments
2. Scope of the Dam Assessment
 - Breach Inundation
 - Hazard Classification
 - Inflow Design Flood
 - Risk Index spreadsheet
 - Guidelines (references)
 - BOR publications (references)
3. Application Process for Rehabilitation Assistance
 - Sponsor application requirements
 - Ranking of Planning (and other) Fund Requests

Webinar 3 – Plan: Overview

<https://usdanrcs.adobeconnect.com/p50u4satfx4/>

Overview of Rehabilitation Planning Process Policy/NEPA Compliance

Webinar 4 – Plan: Process and Documentation Preparation Part 1

<https://usdanrcs.adobeconnect.com/p57xcrfpry2/>

1. Documenting the Planning Process
 - Supplemental Plan/EIS/EA/EE
 - Format (Table 501.1)
2. Purpose and Need for Action
3. Scoping
 - Concerns list NWPM 501.24
 - Public Participation
 - Cooperating agencies
 - Cultural Resources

Webinar 5 – Plan: Process and Documentation Preparation Part 2

<https://usdanrcs.adobeconnect.com/p66nxhqjak4/>

1. Affected Environment
 - Area of impact
2. Affected Environment:
 - Status of operation and maintenance of the dam
 - Sedimentation rates (planned, actual & future)
 - Sediment sampling techniques & testing
 - ARS publications (references)
 - Breach analysis (assumed parameters)
 - Hazard classification (NRCS and State agency)
3. Potential modes of dam failure (stability, hydrologic, seismic, seepage, material deterioration, etc.)
4. Consequences of dam failure (impacts of breach discharge) Population at risk

Webinar 6 – Plan: Process and Documentation Preparation Part 3

<https://usdanrcs.adobeconnect.com/p6dee3m53xi/>

1. Alternatives
 - All reasonable alternatives
 - Mitigation
 - Alternatives Eliminated from detailed study
 - Future without Project/No Action
2. Alternatives

- Rehabilitation
- Decommissioning
- Nonstructural
- 3. NWPM Section 501.37.D.2

Webinar 7 – Plan: Process and Documentation Preparation Part 4

<https://usdanrcs.adobeconnect.com/p38bo8iuxig/>

1. Environmental Consequences
 - EIS, EA, Categorical Exclusions
2. Preferred Alternative (Rationale)
 - Permits
 - Mitigation & monitoring
3. Appendices
 - Maps
 - Investigation and analysis
4. Supplemental Watershed Agreement
5. Watershed Plan Reviews/Timelines/Summary

Webinar 8 – Plan: Process and Documentation Preparation Part 4

<https://usdanrcs.adobeconnect.com/p73zhmp929b/>

Economic Analysis

1. NED Plan
2. Mitigation costs
3. Uniform relocation act
4. NED Exception, early as possible in planning process
5. Rehabilitation spreadsheet
6. Determining Evaluation Period

Webinar 9 – Design and Reviews

<https://usdanrcs.adobeconnect.com/p5xg73bb1if/>

1. The Design Process
2. Independent Reviews
3. The Construction Phase – Design Implementation
4. Design Considerations Related to Project Sponsors

Webinar 10 – Plan of Work

<https://usdanrcs.adobeconnect.com/p99m60rsj3s/>

Introduction - Plan of Work (POW) Independent Reviews

1. Policy

2. Purpose
3. Contents
4. How to prepare a POW

Webinar 11 – Funding and Implementation

<https://usdanrcs.adobeconnect.com/p8fu90n5rbo/>

Watershed Rehabilitation Program - Funding and Implementation