

Dam Evaluation and Rehabilitation



The Department of Land & Natural Resources, Engineering Division, is pleased to offer training courses on Dam Evaluation and Rehabilitation:

- Overview Workshops (1-day) and
- Technical Seminar (2-day)



DAM EVALUATION AND REHABILITATION: OVERVIEW WORKSHOPS (Maui, Kauai, Oahu)

To Register: <https://2017damsafetyworkshops.eventbrite.com>

- How and why embankment dams typically fail
- Risks facing aging dams
- How to study, investigate and analyze Hydrologic & Hydraulic, Geotechnical, and Stability concerns
- Do's and Don'ts of field work/investigation
- Scoping out a Drilling Plan and Study
- Outlet works evaluation
- Design considerations for dam rehabilitation designs

Who should attend: Dam Owners, Operators, Engineers and anyone involved in a dam evaluation and rehabilitation project.

Cost: None

Locations/Dates

Kahului, Maui

March 30th - Thursday (7:30 am - 5 pm)
Maui Arts & Culture Center, Alexa Higashi Room
One Cameron Way, Kahului, HI 96732

Lihue, Kauai

March 31st - Friday (7:30 am - 5 pm)
Kauai Beach Resort, Jasmine II Room
4331 Kauai Beach Drive, Lihue, HI 96766

Honolulu, Oahu

April 3rd - Monday (7:30 am - 5 pm)
Manoa Grand Ballroom
2454 S. Beretania Street, Honolulu, HI 96826

DAM EVALUATION, ANALYSIS AND REHABILITATION: TECHNICAL SEMINAR (Oahu)

To Register: <https://2017damsafetytechnicalseminar.eventbrite.com>

- Failure mode analyses, methodology, characterization and rehabilitation pros and pitfalls for:
 - Seepage/internal erosion failures
 - Slope instability
 - Conduits and outlets
 - Flood Loading Failure Modes
 - Seismic Loading Failure Modes
- Learn industry resources and guidelines

Who should attend: Engineers and Technical Community, or anyone with a desire to learn more about the dam evaluation and analyses process.

Cost:

- Dam Owners/Operators/Government: Fee waived
- Engineers, Technical Professional Community: \$100.00

Honolulu, Oahu (only)

April 4th - 5th: Tuesday - Wednesday
Manoa Grand Ballroom (7:30 am - 5 pm)
2454 S. Beretania Street, Honolulu, HI 96826

Speakers for Workshops and Technical Seminar:

Greg Glunz, PE—AECOM (Denver): 18-year career focused on dam safety, design, and construction, including serving as a technical expert in risk assessments, value engineering studies, and review panels. Instructor for various ASDSO trainings.

Jennifer Williams, PE—AECOM (Denver): 20-year career focused on dam safety inspection; risk assessment; field investigations and characterization; seepage, stability and deformation analyses; alternatives studies, design drawings, contract document; and construction inspection. Instructor for various ASDSO trainings.

Dr. Tiffany Adams, PhD, PE—AECOM (Denver): 18-year career focused in geotechnical and civil engineering, consulting and research focused on dams, and expertise in seepage and stability evaluations and deformation modeling under static and seismic condi-

REGISTRATION FOR ALL WORKSHOPS AND TECHNICAL SEMINAR CLOSSES: MARCH 22, 2017

If you have any questions, please contact Denise Manuel at (808) 587-0246 or Kristen Akamine at (808) 587-0281.