



**ASSOCIATION OF STATE DAM SAFETY OFFICIALS**  
 Presented by the ASDSO Committee on  
 Education Outreach  
 Visit [www.damsafety.org](http://www.damsafety.org)

INSPIRE THE NEXT GENERATION OF  
**DAM SAFETY PROFESSIONALS!**

# FACULTY RESOURCES

Available from the Association of State  
 Dam Safety Officials (ASDSO) –  
[www.damsafety.org](http://www.damsafety.org)

ASDSO can help you inspire the next generation  
 of dam safety specialists. We offer a variety of  
 faculty teaching aids and student support:

- Speakers Bureau
- Assistance with capstone course development
- Webinars (each approximately 90-120 minutes)
- "Expert Video Series"
- Repository of dam and levee safety research materials, including an on-line bibliographic database
- Student scholarships and paper competitions
- Access to experts in virtually all topics related to dam and levee safety and engineering

[info@damsafety.org](mailto:info@damsafety.org)  
 859.550.2788



[www.damsafety.org](http://www.damsafety.org)



"The most successful  
 practitioners of the  
 art (-of engineering-)  
 will maintain a healthy  
 respect for the ability  
 of Nature to produce  
 surprises."  
 ~Dr. Ralph Peck

## Example Webinar topics:

- Fundamentals of Hydrology
- Introduction to Hydraulics for Dam Safety
- Pitfalls in Quality Control Processes for Compacted Earth Fill
- Geotechnical Review of Embankment Dam Projects
- Risk Management
- Roller Compacted Concrete Design and Construction for Water Control Structures
- Filter Design History and a One-Step Design Process
- Guidelines for Assigning Erodibility Parameters to Soil Horizons for SITES Analyses
- Estimating Permeability Using Empirical Methods

## Example "Expert Video Series" topics:

- Dr. Ralph B. Peck, Seepage and Piping
- Dr. Danny L. Fread, Dam Breach and Flood Wave Modeling
- Dr. Don U. Deere, Dam Foundations
- Dr. I.M. Idriss, Behavior of Embankment Dams During Earthquakes
- John Lowe, Filters and Sinkholes/Rapid Drawdown Stability
- James K. Mitchell, Ground Improvements for Dam Safety