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## In-Place Weathering of Late-Stage Volcanic Materials at Ka Loko Dam, Hawaii



GEOTECHNICAL ENGINEERING STUDENT ORGANIZATION AT UIUC

## Friday Seminar & Lunch

**Date:** Friday, April 15<sup>th</sup>

**Time:** 12:00 – 1:30pm

**Location:** Yeh Center,  
Room 3310

**Speaker:** [David R. Groholski](#), PhD, PE,  
Senior Engineer, Civil Engineering

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The primary case study of this talk will focus on the sudden and catastrophic failure of Ka Loko Dam in Kauai, Hawaii on March 14, 2006. In particular to this case, late-stage volcanic materials substantially weathered in-place over approximately 115 years resulting in substantial loss of strength. Prolonged exposure to seepage of anoxic water completely weathered the bedrock to saprolite, including weak, sensitive, fine, spherical halloysite clay.

To apply, contact Jenny Irwin, Recruiter at [jirwin@exponent.com](mailto:jirwin@exponent.com)

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