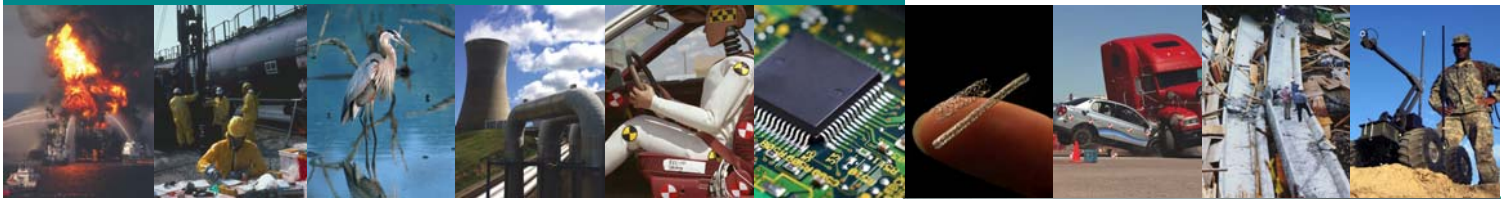


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In-Place Weathering of Late-Stage Volcanic Materials at Ka Loko Dam, Hawaii



GESO

GEOTECHNICAL ENGINEERING STUDENT ORGANIZATION AT UIUC

Friday Seminar & Lunch

Date: Friday, April 15th

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

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