



## **Bryant Robbins**

*Research Geotechnical Engineer, U.S. Army Engineer  
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Bryant began working as a research geotechnical engineer in the Geotechnical and Structures Laboratory (GSL) of the U.S. Engineer Research and Development Center in 2010. While at GSL, his work has focused exclusively on geotechnical and hydraulic failure modes of embankment dams and levees. He has worked on site characterization studies, embankment stability and seepage analysis, geotechnical laboratory testing, centrifuge modeling of embankments, laboratory and field erosion tests, and feasibility studies for various dam and levee modifications. His expertise includes both physical and numerical geotechnical modeling. He has designed and constructed numerous unique physical model studies, including hardware and software development for data acquisition needs. In more recent years, he has developed custom finite element modeling programs for simulating erosion through dam and levee foundations. Bryant obtained his BS and MS Degrees in Civil Engineering from Montana State University and Mississippi State University, respectively, and is pursuing his PhD in Civil Engineering at Colorado School of Mines. He currently serves on the executive board of the Geotechnical Safety Network and is a member of the ASCE, ASTM, ISSMGE, U.S. Society on Dams, and Association of State Dam Safety Officials.