USU Faculty Member Brian Crookston Receives Young Professional of the Year Award | College of Engineering

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Oct. 1, 2018 — Utah State University's Brian Crookston received the Young Professional of the Year Award from the Association of State Dam Safety Officials. Crookston is an assistant professor of civil and environmental engineering. The association recognizes members under 40 years of age working in the dam safety field who have made outstanding contributions to the association, their respective organization, and/or the dam safety industry in general. As reviewed by the ASDSO Board, Crookston was nominated due to:

- His hydraulic design method that is used by design engineers around the world
- His in-depth research and engineering experienced focused on hydraulics
- His joint research on three continents regarding acoustic vibrations occurring at spillways
- His writing in over 50 peer-reviewed technical publications
- His service on nine professional organizations and eight committees
- And outstanding leadership

Crookston has research and consulting experience focused on water conveyance, including physical and numerical modeling of hydraulic structures, spillways, energy dissipation, non-linear weirs, flow acoustics, scour and erosion, fish-passage culverts, embankment failure, flooding, ecohydraulics, surface hydrology, and public safety and security at dams. Crookston collaborates with national and international scientists, practicing engineers, a variety organizations and agencies to implement evolving technologies and effective hydraulic structure design solutions and to facilitate education and knowledge transfer.

Research Contact: Dr. Brian Crookston | 435-797-0247 | brian.crookston@usu.edu

Contact: Lexie Richins