

USSD Workshop on Erodibility of Rock Spillways and Channels



Dr. George Annandale, P.E.

Dr. Annandale has more than 40 years of experience specializing in water resources engineering. He is known for the development of the Erodibility Index Method that has globally been accepted by the engineering profession for design and safety assessment of infrastructure. The book "Scour Technology", which he authored and was published by McGraw-Hill in 2006 has become a standard reference in this field of specialization. Dr. Annandale consults internationally, has worked on projects in more than 25 countries and was named by International Water Power and Dam Construction as one of 20 engineers who globally made a significant contribution to dam engineering.



Dr. Mike George, P.E.

Dr. George is a geological engineer specializing in water resources and dam engineering with focus on foundation / spillway erodibility, scour remediation, rock mechanics, hydraulics, high-resolution remote sensing monitoring, and reliability methods. He has worked as a consulting engineer and researcher in the United States and abroad and has developed methodologies for evaluation of rock mass erodibility, delivered training to FERC/USACE on scour, and authored over 25 papers on the subject including sections of the recently updated FERC Engineering Guidelines for Arch Dams (2018). Dr. George is also co-chair to the newly formed International Working Group on Overflowing & Overtopping Erosion (IWGOOE) hosted through ICOLD.