
TOPIC

Mosel Dam Foundation and Dam Rehabilitation

SPEAKER



David Sawitzki, M.A.Sc, PE, AECOM

Reclaimed from Islamist militants, Mosul Dam has been called “the most dangerous dam in the world.” Providing water to much of Nineveh province, the dam is the biggest in Iraq but its huge capacity of 12 billion cubic meters is also its biggest danger, after concluding a collapse of its wall could unleash a massive wave on the city of Mosul, wiping away anything in its path.

Mr. Sawitzki, M.A.Sc, PE, AECOM will speak to us about his team’s support of the USACE efforts to stabilize the Mosul Dam Foundation and Dam Rehabilitation. With a team of close to 40 AECOM staff at the project site for more than a year, this project has succeeded in the face of many unique challenges. Primary goals of the first year include foundation grouting to stabilize the soluble underlying geology, repair of key outlet works, improvements in dam safety and general rehabilitation of Mosul Dam. This presentation will focus on the challenges and activities accomplished over the first year.

Wednesday, April 25, 11:30 p.m. – 1:00 p.m.

Ramada – Mandarin

3130 Hartley Road • Jacksonville, FL 32557

Registration: \$10 - Public Agency • \$20 - Private Industry

Register at <http://samejax.org>

Email Elizabeth May at emay@prosserinc.com for more details.



SPEAKER BIOGRAPHY

David Sawitzki

M.A.Sc, PE, Vice President AECOM, Germantown, MD

Mr. Sawitzki has been a consulting engineer for his entire career specializing in Civil-Geotechnical engineering. He is a vice President and Principal Geotechnical Dam Safety Engineer at AECOM with over 28 years of engineering consulting experience. He has worked on numerous projects covering the geotechnical and hydraulic and hydrologic aspects of large scale dam, tailings and waste disposal facilities.

Mr. Sawitzki has been involved with the conceptual design, layout, engineering analysis, permitting, detailed design, construction quality control testing, risk assessment, probable failure mode analysis and dam removal aspects of more than 50 dams and more than 20 major levee systems. Dams have ranged from small dams on the order of 25 feet in height on up to major regional USACE flood dams, including Wolf Creek Dam, Nolin Lake Dam, Green River Lake Dam, Rough River Dam, as well as Mosul Dam. Mr. Sawitzki has supported FEMA's National Dam Safety Program in the development of the EMI Course 0291, entitled "Community Dam Safety, Preparedness and Mitigation" as well as led the development and updating of the Training Aids for Dam Safety (TADS) manuals.

Mr. Sawitzki received a bachelor's degree in Geological Engineering from Princeton University and a Master of Applied Science from the University of Waterloo in Ontario, Canada with a concentration in civil/geotechnical engineering. He has been professionally licensed as a Professional Engineer (P.E.) since 1993.