
North America

12

Canada's Blue Giant

Matthew Perry at Waterpower Canada, explains how the country is generating waves in green energy

14

Powering on

Hydropower continues to prove its worth across the US industry

20

Powering progress

Delving into the rich history and expertise of Kleinschmidt Associates

22

Innovations and insights

News and stories from exhibitors set to showcase at HydroVision International 2024 in Denver

Small hydro

26

Taking pivotal steps

Small hydro is playing a starring role across Egypt, India, Mexico, Nigeria and the UK.

Civil engineering

29

The next generation

Detailing the development of rock-filled concrete dam technology

30

Record-breaking dam removal

Small dam removals are continuing across Europe in an effort to restore river connectivity. Dam Removal Europe gives an update on progress in its recent report

Survey & investigation

32

Digital twins 4 Tailings Dams

Maral Bayaraa from the University of Oxford provides information on Digital Twins 4 Tailings Dams, a satellite-based early warning system to monitor the stability of tailings storage facilities, preventing potential catastrophic failures

34

Tailings dam monitoring

Canary Systems explains how it takes an integrated approach to data integration and risk management when monitoring tailings dams

36

The Mighty Mekong

The Mekong Dam Monitor's annual report provides a unique insight into the impact of dams on the natural flow of the Mekong River. The report strives to improve understanding of the river's course, provides policy recommendations for planners and practitioners, as well as pointing to gaps in research

Wave and tidal power

38

Electric dreams for wave power

Newcastle University and the University of Edinburgh are collaborating on a project to demonstrate the advantages of using electric power technologies in wave energy converters.