

# Cover Story

# 5 World News

# 10 Spotlight

**46**  
Classified

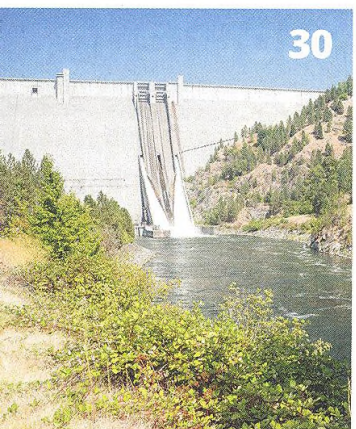
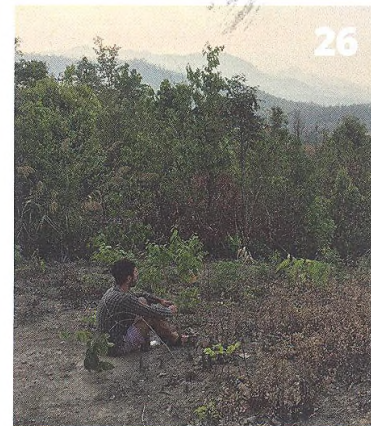
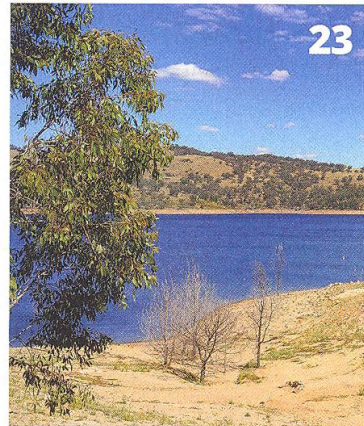
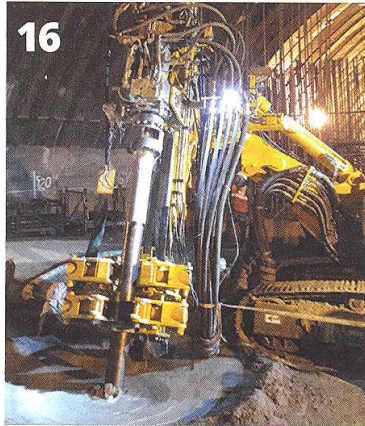
**50**  
Contacts

Details on the planning and detailed engineering design of the Dudhkoshi Concrete Faced Rockfill Dam in the Eastern region of Nepal

How is the hydropower industry responding to the COVID-19 pandemic?; UK government to strengthen reservoir safety

Hydropower developments in India, including completed projects, refurbishment schemes and facilities under construction

## features



## Construction

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**Getting constructive**  
Global construction round up

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**Specialist work**  
Foundation engineering work for hydroelectric plant in Bhutan

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**Hydro-powered solution**  
Pushing the limits of hydrodemolition at the Keeyask generation project in Manitoba

## Planning & projects

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**Examining shared challenges**  
Sustainability, data management and renewable energy subject of new report

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**Weathering the storm**  
Extreme weather events are challenging water managers across New South Wales in Australia. Suzanne Pritchard reports

## Sustainable development

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**The language of sustainable hydropower development**  
Alain Kilajian, Sustainability Specialist at the IHA, explains how he is working to promote sustainability in hydropower development

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**Making way for fish protection**  
Recent developments in fish protection that include prizes to inspire potential innovators and recognition for improved fish passage design

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**The preferred alternative**  
The proposal to remove four dams on the Lower Snake River in the US has been rejected in the draft environmental impact statement for the Columbia River System. Agencies have been working to identify the best way to establish a more collaborative and creative approach to river operations

## 33 Prime time for dams and reservoirs

Socotec Monitoring has partnered with HR Wallingford to provide enhanced insight into the behaviour of dams and reservoirs using PRIME technology

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**A global effort**  
According to a new study by the Credit Suisse Research Institute, a global effort is required to tackle the key challenges of water scarcity

## Case study

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**Planning and detailed engineering design of Dudhkoshi CFRD in Nepal**  
Detailing the challenges in the design and execution planning of the 265m high Dudhkoshi concrete faced rockfill dam in the eastern development region of Nepal, focused on the geomechanics for dam material characterization and rockfill sizing