

Cover Story

Following the news that Stortemelk has gained ESG accreditation, we take a look at the development of the South African small hydro scheme

5 World News

Study says pumped storage could save millions in energy system costs; IHA sustainability assessment fund expands to more countries

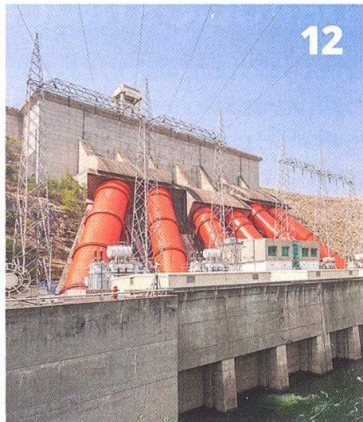
10 Spotlight

Canadian utility, Ontario Power Generation, shares how it deals with the problem of frazil ice at its hydropower projects

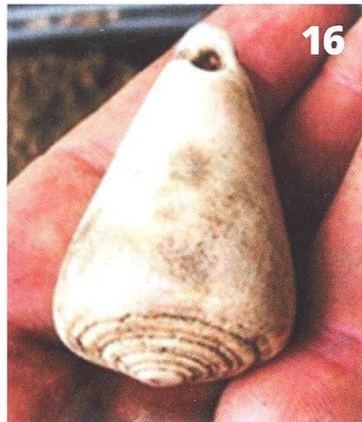
46
Classified

50
Contacts

features



12



16



35

32



Africa

12 Unlocking African potential

Overcoming development and environmental challenges

16 Important discoveries

Archaeology studies play a key role as part of the Lesotho Highlands Water Project Phase II

18 African developments

New construction and modernisation in Africa

22 Successful remote assessment in South Africa

Stortemelk small hydro plant gains ESG accreditation despite the ongoing Covid-19 pandemic

24 African experiences

Andy Eaton, Head of Sales for Africa, Latin America and Oceania at Gilkes Hydro, gives an insight into the company's work across Africa

Small Hydro

26 Spotlight on small hydro

IWP&DC looks at the latest small hydro developments worldwide.

Civil Works

28 In the eye of the storm

Insight into the development of the International Network for Storm Surge Barriers

Water storage

32 Don't damn ageing dams

ICOLD has issued an in-depth rebuttal of a recent report which suggests that decommissioning of ageing dams will increase as water storages become more expensive to maintain and pose a greater safety risk

35 A growing presence

A dam upgrade project is showing the growing presence of women in major engineering projects

36 California has new reservoir in its sight

Plans for the new Sites Reservoir will provide operational flexibility and more reliable water delivery to benefit farms, communities and the environment

39 Progress on Hells Gates scheme

Significant progress has been made on the Hells Gates Irrigation and Pumped Storage scheme in Queensland, Australia

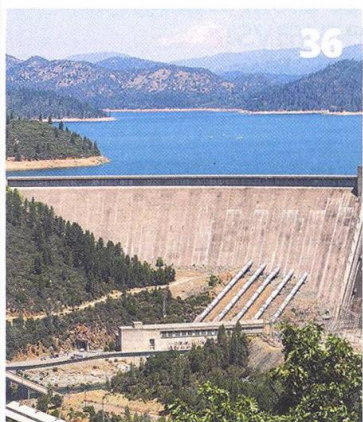
Development

40 Discontinuance or adaptation?

A recent webinar hosted by the British Dam Society discusses managing reservoir assets and options for either remedial works or discontinuance

44 Siltbuster sytem

Essential reservoir repairs have been carried out in the UK during the Covid-19 pandemic



36



44