

# Cover Story

Dr Martin Wieland shares his vast experience of dynamic analysis and safety assessment of concrete dams, and discusses seismic safety

# 5 World News

Investments in hydro set to increase in 2022 says new research; Swiss Govt consults on plans to speed up hydropower project approval

# 8 Spotlight

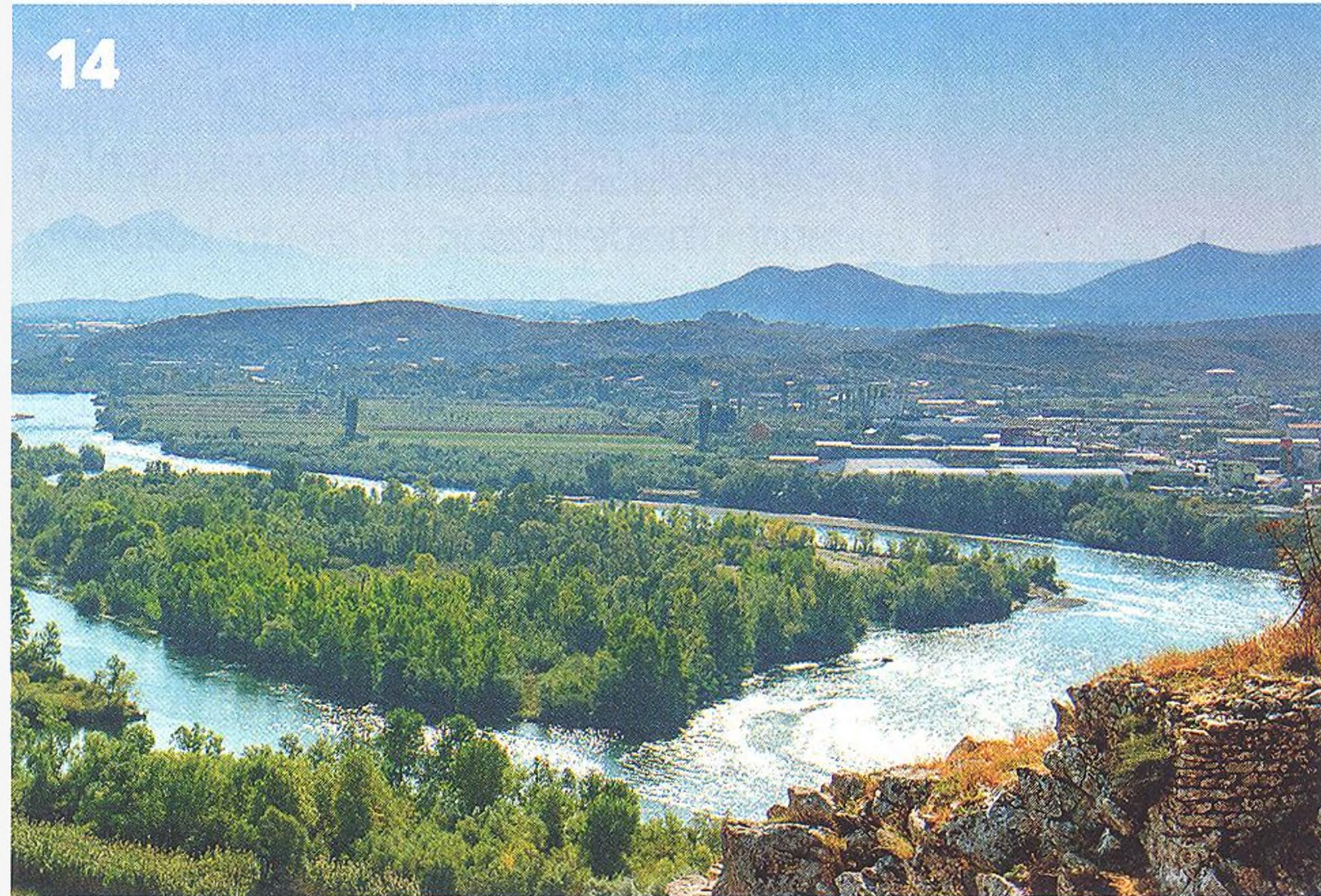
Martin Riley explains why it's time to shift to an integrated approach to cyber security based on effective threat detection and response

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## Africa

### 10 Time to change the narrative

As *IWP&DC* discovered, there is much to discuss with regards to climate change, water supplies, hydropower potential and investment across Africa

## Cross-border projects

### 14 Southeast European success

Key lessons can be learnt from the success of a project to foster transboundary cooperation in the Drin River Basin

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## Hydro to power Tajikistan trade

The International Energy Agency has launched a cross-border electricity trading roadmap for Tajikistan to fully benefit from its unique hydropower potential

## Reconstruction and Development

### 22 Strengthening Anderson Dam

Chris Hakes, Deputy Operating Officer at Santa Clara Valley Water District in the US, gives an update on the Anderson Dam Seismic Retrofit Project

### 18 Rejuvenating Forge Dam

Rejuvenation of the heavily silted Forge Dam in Sheffield, England, is finally underway.

After ten years of hard work, volunteers from the Friends of the Porter Valley will see this historical, and much-loved, amenity preserved for future generations. Suzanne Pritchard reports

## Safety

### 24 Earthquake prediction and dam safety

Dr Martin Wieland, Chairman of ICOLD's Committee on Seismic Aspects of Dam Design, reflects on the seismic safety of dams

### 26 Investing in safety

In a bid to improve the safety of tailing dams, investor action has targeted mining companies not implementing the new Global Industry Standard on Tailings. *IWP&DC* reports on the latest developments in tailings dam safety

## Project finance

### 29 Sustainable funding

Hydropower project developers and operators in over 40 countries can apply for funding to help finance an independent assessment of a project's sustainability performance through the Hydropower Sustainability ESG Assessment Fund

## Next issue

Survey & investigation at hydropower projects; Spotlight on small hydro; new equipment for dam construction and repair

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