

An aerial photograph of a large dam structure, showing its curved concrete walls and the water reservoir behind it. Several small boats are visible in the water. The entire image is overlaid with a blue tint. The text is positioned in the upper left quadrant.

# Dam Monitoring

**GEOKON instrumentation:  
measurements you can trust**

[www.geokon.com/dams](http://www.geokon.com/dams)

# GEOKON

**TRUSTED MEASUREMENTS™**

# Key Monitoring Applications

## Concrete Dams

- Measurement of structural stresses
- Measurement of uplift pressures
- Displacement across cracks and joints
- Rotation/tilting
- Temperature
- Seepage

## Tailings Dams

- Pore pressures
- Subsurface lateral deformation
- Settlement
- Seepage

## Earth + Rockfill Dams

- Pore pressures + efficacy of any grout curtains
- Settlement
- Soil pressures
- Subsurface lateral deformation
- Seepage





## Concrete Dams

- Strain gauges
- Piezometers
- Temperature sensors
- Pendulums
- Extensometers



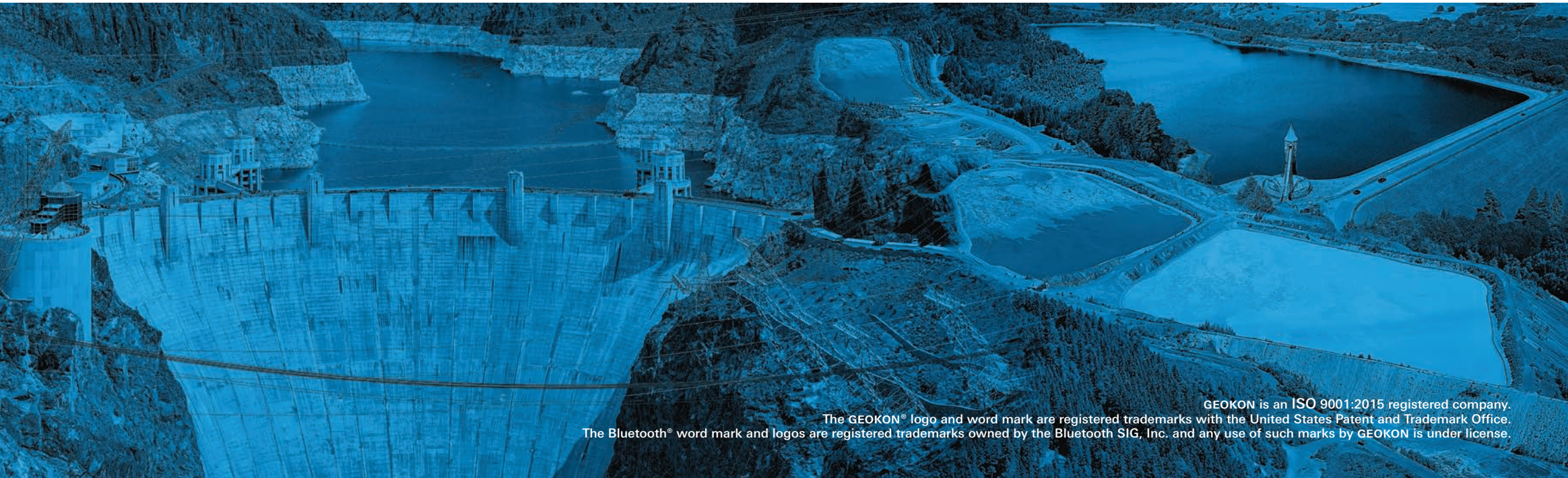
## Tailings Dams

- Piezometers
- Inclinometers
- Wireless networks
- Data acquisition systems
- Data visualization software



## Earth + Rockfill Dams

- Piezometers
- Settlement sensors
- Weir monitors
- Inclinometers
- Pressure cells



# About GEOKON

GEOKON, founded in 1979, is a recognized world leader in the manufacture of geotechnical and structural instrumentation.

GEOKON sensors provide excellent long-term stability and proven reliability for protracted measurements in adverse environments.

GEOKON has been awarded ISO 9001:2015 registration from both ANSI•ANAB, USA and UKAS of Great Britain.

GEOKON products are supported by an experienced team of factory-trained associates ready to assist with instrument design, selection and installation.

GEOKON is committed to providing exceptional customer service to meet the needs of our clients.

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## GEOKON

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