DIWA Collaboration Menu

Partner with Finland's leading digital water research ecosystem

Access the collaboration menu online:

Digital Waters

Expertise Available

- Interdisciplinary research and digital innovation
- Environmental monitoring and advanced observation systems
- Hydrological research and water systems
- Sustainable water management and evidence-based decision-making
- Digital twins, tools and services
- Data analysis, modelling and AI

Research Infrastucture

- A national network of long-term monitoring sites, from Arctic rivers to the Archipelago Sea
- Autonomous survey vessels and robotic platforms
- LiDAR and remote-sensing capabilities
- Water, groundwater, soil and climate monitoring networks
- Long-term research stations and environmental observatories
- Facilities for piloting, validation and field demonstrations

Available Data

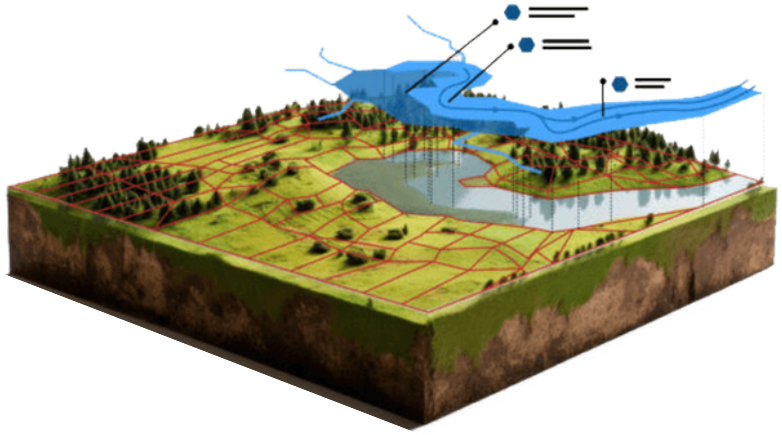
DIWA DataSpace
Your cloud workspace for modeling and visualization of data

DIWA DataLab
High-performance data transactions between data ecosystem parties

Digital Twin of the hydrosphere

- Digital representation of from Arctic rivers to the Archipelago Sea
- Decision-support tools for water prediction and management
- Physics-based and AI-enhanced models
- Real-time and historical data integration
- FAIR and interoperable data framework
- Modular, scalable architecture on CSC infrastructure





Talent & Doctoral Training

Access Emerging Talent: DIWA PhD Pilot

- 60 Doctoral researchers across three partner univeristies in Finland

Opportunities
Research collaboration
Industry-linked research topics
Secondment visit
R&D projects
Recruitment pipeline

Access Research ecosystem: DIWA experts

- Over 200 researchers and experts
- Data scientists
- Hydrologists
- Remote-sensing experts

Opportunities
Consortia for national and EU projects
Expertise to support services & products
Expertise to support development and validation
Decision support

Digital Waters

Concrete examples of industry collaboration

- **Kuva Space –** hyperspectral satellite solutions for algal bloom monitoring
- **Sitowise –** PCP Wise: flood and drought forecasting for climate resilience
- **Mitta –** commercialization of advanced water-monitoring technologies
- **Kokkola Vesi –** Digital Twin for groundwater management

From sensors and satellites to AI, Digital Twins and operational decision support.

Co-development opportunities

We are looking partners to:

- Test monitoring technologies in real-world conditions
- Validate AI applications
- Participation to BusinessFinland Co-Innovation project
- Buil national and EU project consortiums
- Demonstrate climate adaptation solutions
- Co-develop digital water and digital twin solutions
- Pilot environmental services

Access the collaboration menu online:

UNIVERSITY OF OULU
Aalto University
UNIVERSITY OF TURKU
NLS FINNISH GEOSPATIAL RESEARCH INSTITUTE FGI
Suomen ympäristökeskus
Finlands miljöcentral
Finnish Environment Institute
ILMATIETEEN LAITOS
METEOROLOGISKA INSTITUTET
FINNISH METEOROLOGICAL INSTITUTE