



Research group leader

Piia Leskinen
Projektipäällikkö
Phone: +358 50 5985626
Email: etunimi.sukunimi@
turkuamk.fi
Unit: Technology
Environment and Business



Aquatic Systems and Water Management

The TUAS Aquatic Systems and Water Management Research Group conducts research and development projects connected to protecting the water environment, monitoring water quality and restoring aquatic systems.

The special expertise of the Aquatic Systems and Water Management Research Group is focused on the following areas:

Continuous measurement methods

Over the last ten years the team has acquired a versatile battery of continuous water quality monitoring devices and developed a solid experience on their use in challenging conditions from open sea to small ditches, as well as wastewater processes.

Protection and monitoring of aquatic organisms

The group has conducted fish population surveys, restored the habitats of migrant fish in rivers and studied the incidence of harbour porpoises in Finnish waters.

Technical solutions for water protection

The Aquatic Systems and Water Management Research Group develops and tests new and existing techniques for the treatment of drainage water in co-operation with other research institutions and companies.

Water protection strategies and operation models

Integrated drainage basin management plans, cost-efficiency comparison of water-protection measures, comprehensive management of nutrient flows and the development of oil prevention in archipelago areas are a few examples of how the group strives to promote water protection at the strategic level.