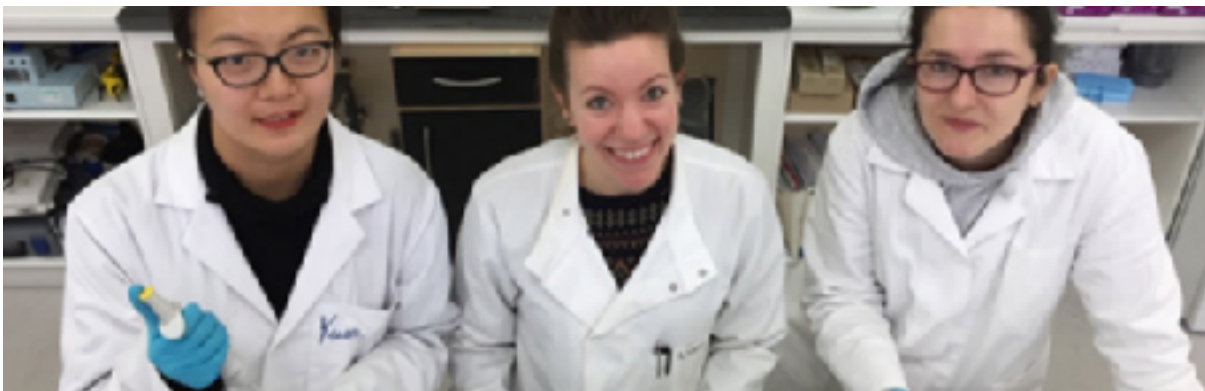




Email waterquality@uhi.ac.uk for more information



Our purpose

The group will contribute to the enhancement of our natural and managed water resources bringing benefit to environmental quality, human health, and economic prosperity.

We aim to work with partners & collaborators to:

- develop innovative new products and services
- help them meet policy and regulatory challenges
- advance responsible water stewardship
- lower carbon footprints and to advance the low carbon economy

WaterHub is aligned with the aims of the Scottish Government's National Performance Framework to:

- create a more successful country give opportunities to all people living in Scotland
- increase the wellbeing of people living in Scotland
- create sustainable and inclusive growth
- reduce inequalities and give equal importance to economic, environmental and social progress

Specifically it is Our work will be aligned with the first Scottish Government's Hydro Nation strategy as outlined in the Water Resources (Scotland) Act 2013 for Scottish Ministers to "ensuring the development of the value of Scotland's water resources".

The Programme for Government Protecting Scotland: Renewing Scotland (September 2020) has a focus on creating a successful country with opportunities for all to flourish through increased wellbeing, and sustainable and inclusive economic growth.

GCRF Health, Polluted Water and Soils Network of excellence

UHI is a partner in the he GCRF Health, Polluted Water and Soils Network of excellence. This is focused on reducing health problems relating to water and soil pollution in climate stressed, rural and deprived urban communities in Kenya, Jamaica and Grenada. We aim to achieve this by focusing on affordable and innovative technological and sociological solutions to improve access to clean water, healthy and productive soils and safe, nutritious foods. The network is based on a One Health interdisciplinary, approach, with a growing membership drawn from academic researchers,

business leaders, entrepreneurs, health and environmental professionals, government officials, science policy diplomats, community leaders, and civil society and a commitment to grow.

Phos4You Phos4You - Water Quality Innovation to Build a More Circular P Economy.

A NW Europe Interreg Project awarded €10.8 million to undertake a 4 year project to reduce the EU's dependence on imported phosphate rock. It is doing this by demonstrating innovative P-recovery technologies under real-life conditions. Our Environmental Research Institute, a partner in this project, focussed on small scale solutions for rural areas. Embracing the circular economy, this international partnership project (involving 7 EU countries) brings together universities, industry, national authorities, fertiliser manufacturers and policy makers. ERI is undertaking quality assessment of new recovered P products, assessing the potential of small-scale adsorption units to recover P, and, engaging with stakeholders to establish uptake pathways for P recovery technologies

Pharmaceutical removal from wastewater

Testing a nanomaterial hollow-fibre membrane filter to eliminate pharmaceuticals from wastewater

A feasibility pilot study from a human health perspective A collaboration between the University's Institute of Health Research and Innovation, the Environmental Research Institute and PolyCatUK Ltd.

OneHealth Breakthrough Partnership' OHBP

The 'OneHealth Breakthrough Partnership' involves NHS Highland, UHI, Scottish Environment Protection Agency, Scottish Water, HIE and James Hutton Institute. It was established to tackle the environmental impact of healthcare activities including the risk water pollution that may arise of pharmaceutical in that results from the excretion of medicines. Through conducting research, linking with other HEIs, waste surveys, "greening" formularies, developing guidance for prescribers and the public and working with NHS Estates department OHBP helped Caithness General become the first hospital in the world to be accredited by the Alliance for Water Stewardship. The partnership was highly commended' for their work at the 2020 British Medical Journal Healthcare Awards Ceremony. in the Environmental Sustainability and Climate Act Category.

