

Apply Now: 10 PhD Positions Available in the BEYOND Project to Transform Europe's Water Quality Amidst Global Change

BEYOND - Beyond the Current: Improving European Flowing Waters in an Era of Global Change is a Horizon Europe Marie Skłodowska-Curie Doctoral Network. Our mission is to train future water professionals to innovate across disciplines and borders, tackling water quality issues amidst global change.

Why Pursue a PhD with Us?

- **Interdisciplinary Research:** Engage in projects spanning hydrology, biogeochemistry, and environmental science.
- **International Collaboration:** Collaborate with 20 leading EU research institutions, agencies, industries, and NGOs.
- **Comprehensive Training:** Benefit from programs enhancing technical expertise and transferable skills.
- **Real-World Impact:** Contribute to research influencing policy and practice in water quality and biodiversity.

Available PhD Topics

1. **Sedimentary Phosphate Remobilisation and In-Stream Mitigation Under Climate Change Conditions**
2. **Colloidal Nutrient Fingerprinting of European River Networks**
3. **Understanding the Processes Controlling the Concentration-Discharge Relationships in Rivers Using High-Frequency Water Quality Sampling**
4. **Nutrient Processing in Stream Networks by Combining High-Frequency Sensors and Stable Phosphorus and Nitrogen Isotopes**
5. **A Role for Citizen Science in Water Quality Monitoring and Protection**
6. **Assessing the Disconnection Between Chemical and Ecological Status in River Networks in Europe**
7. **Impact of Low Flows and Intermittency on Nutrient and Carbon Processing in Fluvial Networks**
8. **Nutrient Export Dynamics Across Spatial Scales in Current and Future Climatic Conditions**
9. **Modelling the Potential of Agro-Ecological Agricultural Systems to Deliver Water Quality and Multiple Ecosystem Services Under Global Change**
10. **Sensitivity of Microbially-Mediated Nutrient Cycling to Pollutant Stressors and Climate Change Measured Through Ecosystem-Scale Nutrient Cycling in River Networks**

Application Details

- **Eligibility:** Master's degree in environmental sciences or related fields; knowledge in hydrology and/or biogeochemistry; proficiency in statistical data analysis is advantageous.
- **Application Process:** Apply through the BEYOND application form and respective institutional portals.
<https://forms.gle/rKrwomLcZr7Dwm9L9>
www.slu.se/beyond

You may apply for up to three positions.

- **Deadline:** 15th March 2025.

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