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WasserCluster Lunz - Biologische Station GmbH
Dr. Carl Kupelwieser Promenade 5
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Job advertisement for postdoctoral position in aquatic biogeochemistry at WasserCluster Lunz



The inter-university center for Aquatic Ecosystem Research, WasserCluster Lunz, Austria (www.wcl.ac.at) invites applications for a **two-year postdoctoral position** in aquatic biogeochemistry. The successful candidate will participate in the **RESTORE4Cs project** (Modelling Restoration of wetlands for carbon pathways, climate change mitigation and adaptation, ecosystem services, and biodiversity Co-benefits) funded by the EU (HORIZON-CL5-2021-D1-01-08 - Restoration of natural wetlands, peatlands and floodplains as a strategy for fast mitigation benefits; pathways, trade-offs and co-benefits).

The overall goal of the project is to assess the role of wetland restoration in climate change mitigation and a variety of ecosystem services using an integrative ecological and socio-economic approach. RESTORE4Cs will focus on coastal wetlands across Europe and will develop standardized methodologies and approaches for selecting the best wetland restoration measures. It is a collaborative project with a consortium of 15 partners from eight European countries (Portugal, Germany, Spain, Italy, France, Romania, Lithuania, and the Netherlands). The successful candidate is expected to measure metabolic processes, greenhouse gas exchanges and carbon stocks at six pilot sites in European coastal areas, including well-preserved, modified, and restored wetlands. The aim is to assess the effect of management and restoration actions on the carbon pathways in coastal wetlands. Furthermore, the candidate will be embedded in an international research team and closely collaborate with other partners.

Tasks:

- Organize and conduct the field work at six pilot sites in Europe
- Measurement of greenhouse gases and metabolic activities
- Data analysis, writing and publishing scientific papers in peer-reviewed journals
- Presenting results at national and international conferences



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WasserCluster Lunz is a highly interactive Inter-university Research Center for Aquatic Ecosystems at Lake Lunz (160 km from Vienna) with an international community of students and researchers. We offer a dynamic research environment with experts conducting fundamental and applied ecological research on aquatic ecosystems from microscopic to catchment scales. We have modern and well-equipped analytical and biochemical laboratories and several in- and outdoor experimental facilities. So come and work with us and an international team to obtain a better understanding of restoration measures on the carbon abatement potential of coastal European wetlands.

The successful candidate should have a doctoral degree in limnology, ecology, biogeochemistry, or related fields. The candidate should have experience in one or more of the following areas: experimental field studies, metabolic activities (photosynthesis, respiration, methane production), and greenhouse gas exchange. In addition, the candidate should have good statistical and analytical skills, good knowledge of written and spoken English, good planning and organization skills, and good communication and teamwork skills. WasserCluster Lunz sees high innovation potential in the diversity of its employees and is committed to diversity as a guiding principle.

For your application, submit a letter of interest, CV including publications, and names of two references and send to Katrin Attermeyer (katrin.attermeyer@wcl.ac.at). **Deadline for application is 16th December 2022. Starting date: 1st February 2023 or upon agreement.** This is a full-time position (40h/week) for two years available from February 2023 onwards. Potential contract extension is possible depending on the performance of the candidate and budget availability. During the whole duration of the appointment, the person will be based at WasserCluster Lunz in Lunz am See, Austria.