

**Open PhD position in the EU project
“Robocoenosis”
at the
Institute of Biology,
Karl-Franzens-University Graz, Austria**



Job description: We are looking for a biologist with broad knowledge (or interest in familiarizing oneself) in the field of Ecology, Limnology, Botany or Zoology with a strong technical interest.

Type of position: 30 hours doctoral position (PhD position)

Start of employment (planned): July 1st, 2022

Planned duration of employment: 3 years (prolongation optional)

Place of employment: Institute of Biology, Karl-Franzens-University Graz

Deadline for applications: April 30th, 2022

Content of the project: As part of the EU project “Robocoenosis”, in cooperation with several international partners, robots are being developed at the Institute of Biology in Graz which are able to autonomously observe simple organisms (microorganisms, algae, hydra, mussels etc.). Conclusions about the state of the water are to be drawn from the behavior of the lifeforms observed in this way. The robots developed from this are to be used for environmental monitoring and to observe continuous changes in the water, as well as to detect sudden (anthropogenic or ecologically catastrophic) events at an early stage.

Operational areas are various Austrian lakes: Lake Neusiedl, Lake Millstatt, Lake Hallstatt.

In addition to the highly demanding and interesting academic work in the interdisciplinary area of biology and technology on the subject of environmental protection and robotics, there is also the opportunity to gain experience in the coordination of an EU project. Apart from that, this position would also offer opportunities for exchange semesters with project partners.

Contact:

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