

Master Internship Opportunity: Greenhouse experiment on the performance of paludiculture crops in brackish conditions

The **Department of Ecology** at Radboud University invites an enthusiastic and motivated Master student to join our inspiring team for a cutting-edge research opportunity.

Description:

This internship offers a unique chance to contribute to innovative research on the performance of paludiculture crops *Typha latifolia*, *Typha angustifolia*, *Carex acutiformis* and/or *Phragmites australis* species under brackish conditions. Our research focuses on how **salinity** influences the growth, biomass production, and ecological performance of these wetland plants.

You will have an opportunity to be involved in a **controlled greenhouse experiment**, testing the resilience of these species in different levels of salinity. This work is essential for understanding their potential use in sustainable wetland management practices, including **paludiculture**.



Depending on your interests, you'll have the opportunity to:

- Conduct detailed **data collection** and **analysis** in controlled experimental setup.
- Possibility to develop and execute your own **mini-experiment** within the running experiment, contributing to broader research goals.
- Work alongside a dynamic team of researchers, gaining **experience** in both independent research and collaborative science.

Expected Qualifications:

We are looking for a student with passion for ecology and environmental science, a keen interest in plant biology, and a desire to contribute to research with real-world applications. You should have excellent organizational skills, a keen eye for detail, and the ability to work both independently and collaboratively within a team.

Application:

If this opportunity excites you, we encourage you to apply! Please contact:

- **Sannimari Käärmelahti** (sannimari.kaarmelahti@ru.nl)
- **Tom Heuts** (tom.heuts@ru.nl)
- **Dr. Gabrielle Quadra** (gabrielle.quadra@ru.nl)
- **Dr. Christian Fritz** (christian.fritz@ru.nl)

We look forward to welcoming passionate students who are eager to explore the fascinating interactions between plants and their environment!