

## Highlights of the Programme

### Master's Programme (60 credits) in Applied Environmental Science

- This programme will help you gain insight in **environmental management projects** with examples from all over the world.
- Courses include both **theoretical and practical tasks** and many subjects are thoroughly discussed during series of seminars including **ongoing research projects** lead by senior scientists within Environmental Science.
- Master's thesis may be performed **within a research project at Halmstad University** or can consist of an extensive literature study analyzing in depth of a subject or answering a question related to an environmental issue.
- **Departmental research:** Examples of research in Environmental Science: The environmental and biological research focuses on **wetland functions and biodiversity**, on emissions of greenhouse gases (carbon dioxide and nitrous oxide), on biogas production in agriculture and on the leachate management and environmental risk assessment.
- Wetland Research is conducted within **Wetland Centre** which brings together stakeholders in **water purification and biodiversity** associated with constructed and natural wetlands.
- The Environmental research also focus on **climate change and greenhouse gas emissions** and have shown possibilities in agricultural practice (catch crops and fertilization) to influence the emission of carbon dioxide and nitrous oxide from agricultural land.
- **Biogas Research** involves optimizing the handling of substrates and **bio-fertilizer** and **adding value to the agricultural sector** through solutions that can increase production and profitability.
- **Courses at Undergraduate level:** There are **courses** offered to the students at **undergraduate** level like Aquatic biology and restoration, Conservation biology, Ecotoxicology and Environmental Monitoring, Environmental Engineering - Water and Soil, Sustainable Rural Development, Sustainable Cities, Environmental challenges and green innovation, Sustainable water resource management, etc.