

C401 Lab of Botany & Plant Physiology

The Lab of Botany and Plant Physiology is a specialized academic and research facility dedicated to the comprehensive study of plants and primary producers, with emphasis on their structural organization, physiological function, and ecological significance.

The lab supports advanced training and research across terrestrial, aquatic, and coastal ecosystems, integrating botanical sciences with ecological and environmental analysis.

Our impact

By integrating advanced botanical research with ecological applications, the Lab of Botany and Plant Physiology contribute to environmental monitoring, sustainable resource management, and the education of highly qualified specialists in plant and environmental sciences.

Our vision

To advance excellence in botanical and plant physiological research, contributing to scientific innovation, ecological sustainability, and evidence-based environmental management through high-quality laboratory infrastructure and expertise.



C401

Laboratory of Botany
and Plant Physiology

Our core fields of operation

01. General and applied botany; Plant physiology and metabolic regulation

02. Terrestrial, aquatic, and coastal vegetation studies; Algal biology and aquatic macrophytes

03. Primary producers and trophic system dynamics

04. Plant–environment interactions

05. Biological indicators for ecological status assessment

What we aim to achieve

01. Deliver advanced education and research in botany and plant physiology

02. Support experimental and applied research on plant growth and metabolism

03. Promote the use of plant -based indicators in environmental assessment

04. Contribute to sustainability -oriented ecological and biological research



Services for partners and external stakeholders

01. Botanical identification and physiological analysis

02. Support for ecological monitoring and environmental studies

03. Access to lab facilities for research and training

04. Academic collaboration in plant and ecosystem sciences

Research focus areas

01. Physiological and metabolic plant studies

02. Environmental drivers of plant performance and adaptation

03. Ecosystem functioning and primary productivity

04. Applied plant-based ecological assessment

