

# International Graduate Course on Plant Ecophysiology in a Warmer and Drier World

Parque Katalapi, Región de Los Lagos,  
Chile, January 6-14, 2016

[www.parquekatalapi.cl](http://www.parquekatalapi.cl)



## Organizers

Lohengrin A. Cavieres (Universidad de Concepción, IEB, Chile)

Luis J. Corcuera (Universidad de Concepción, Chile)

León A. Bravo (Universidad de La Frontera, Chile)

## Invited Lecturers

Rajeev Arora (Iowa State University, USA)

Marilyn Ball (Australian National University, Australia);

Rob Brooker (James Hutton Institute, UK); Nicolás Franck (Universidad de Chile); Brad Butterfield (Northern Arizona University, USA); Ragan Callaway (University of Montana, USA);

Leopoldo García Sancho (U. Complutense de Madrid, Spain); Chris Lortie (York University, Canada);

Richard Michalet (Université d' Bordeaux, France);

Bruce Osborne (University College Dublin, Ireland);

Frida Piper (CIEP, Chile); Francisco Pugnaire (EEZA-CSIC, Spain); Maisa Rojas (Universidad de Chile);

Angela Sierra (Universidad de Concepción)

Mercedes Vivas (Universidad de Concepción);

Jorge Gago (U. Islas Baleares, Spain)

**Registration fee:** Students (US\$330; 200000 Ch pesos). Professionals: US\$650; 380000 Ch pesos). This fee includes food, lodging and course materials.

**Information:** contact Prof. Luis J. Corcuera at [luis.corcuera@parquekatalapi.cl](mailto:luis.corcuera@parquekatalapi.cl) or visit the web page <http://www.parquekatalapi.cl>; Telephone 56-41-2203586; mobile 56992490228.

**Application deadline: October 18, 2015**

**Course Description:** This intensive theoretical-field graduate course spans over 10 days. It includes lectures, seminars, and practical classes in the field. The course will use the facilities of Parque Katalapi, located in Carretera Austral, Region de Los Lagos, Chile. This course is designed as an intensive immersion experience. It requires team work, endurance, and social skills. The course will be centered on theoretical and practical aspects of Plant Ecophysiology. The language of the course is English



## Main Topics of the course

- Climate change and plant interactions
- Ecological and Ecophysiological responses to environmental stress and global changes
- Ecophysiological methods and techniques
- Physiological and morphological traits underlying adaptations and interactions
- Water transport and economy

- Photosynthesis, stomatal conductance, and growth under global changes
- Photoinhibition and photoprotection.
- Physiology of carbon transport and balance

## Sponsors

- Facultad de Ciencias Naturales y Oceanográficas y Escuela de Graduados, Universidad de Concepción, Concepción.
- Universidad de La Frontera: Convenio de Desempeño FRO1204, Doctorados en Ciencias de RRNN y BCMA.
- Anillo de Investigación Antártica ART-1102
- Instituto de Ecología y Biodiversidad-IEB

