



María Verónica Arana
IFAB INTA-CONICET

Moderator : P. Rozenberg
(BIOFORA, INRAE, Fr)

JUNE 4 | 15H

CET/Paris time
On line

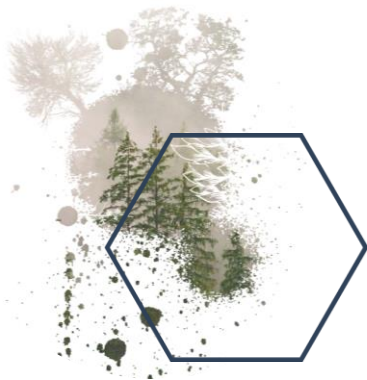
LIA FORESTIA
web seminars round
2021



Nothofagus forests, Lakar Lake. Neuquen, Argentina
Photo by Julieta Cagnacci

DECIPHERING TREE RESPONSE TO A CHANGING CLIMATE

Where are we? where do we go? a case study:
southern beeches of Patagonia



As a result of climate change, several forest biomes are facing increasing temperatures, extreme cold waves in winter and/or more frequent and severe droughts. In this context, a fundamental question is how trees will cope with these changes, given their long generational time that yield low population turnover. In this talk I will show recent research that includes collaboration in the frame of the LIA FORESTIA laboratory, aimed at contributing to this question. We will see the way in which we use a natural elevation gradient in combination with indoor experiments, to elucidate the response of trees to the environment. Additionally, I will show current projects aimed at exploring phenotypic, genetic (molecular) and environmental variation of relevant plant traits. Our experimental system is located in the southernmost woody ecosystem of the world: the sub-Antarctic temperate Nothofagus forests of Patagonia, and involves multidisciplinary approaches that bring together the expertise of specialists in wood science, ecology, physiology, molecular biology and bioinformatics.

FREE WEBINAR, REGISTRATION REQUIRED

Organized by the MiDi network and Le Studium in the framework of the LIA FORESTIA
[MiDi website](#) | [Le Studium website](#) | [LIA Forestia website](#)



Next seminar
on July 2