I am a plant biologist (BSc, 2001, University of Valencia, Spain) and ecologist (PhD, 2007, Autonomous University of Barcelona) interested in plant-soil-atmosphere feedbacks and ecosystem responses to global change factors. My previous research addressed questions from plant physiology to soil biogeochemistry, like the responses of plant and soil biogenic volatile organic compounds to drought and warming, the effects of drought on plant carbon allocation to roots and the responses of soil microbial physiology to drought, warming and nitrogen fertilization.

Currently I am working on the [CLEVAS](https://treeecophysiology.unibz.it/ongoing-research-projects/) project which investigates the early detection of abiotic stress induced by climate extremes on grapevine. I am studying how the combined effects of drought and high temperatures affect grapevine physiology and productivity.