

# MATTHIAS ROHR


**PHONE NUMBER**
07.87.94.92.43

**MAILS:**
rohrmatthias1@gmail.com
matthias.rohr@univ-grenoble-alpes.fr

**WEBSITE:**
https://m-rohr.github.io/Matthias_Rohr/


## EDUCATION & EXPERIENCES

### 2023-2026 Université Grenoble Alpes: PhD

***PhD in Ecology at the Alpine Ecology Laboratory (LECA), Grenoble, France; Supervisor: Wilfried Thuiller & Tamara Münkemüller***
Study of plant communites,
Integrating spatial scales to identify community assembly processes

### JANUARY–JUNE 2022: LAB INTERNSHIP

***Internship at the Station for Theoretical and Experimental Ecology (SETE), Moulis, France; Supervisor: Jean-François Arnoldi***
Theoretical study of the role of niche construction in community assembly processes

### APRIL–MAY 2021: LAB INTERNSHIP

***Internship at the Alpine Ecology Laboratory (LECA), Chambéry, France; Supervisor: Sébastien Ibanez***
Theoretical study of community assembly through the analysis of a mathematical model.

### 2020-2022 UNIVERSITÉ DE RENNES 1

**Master's Degree** in Biology, Ecology and Evolution – Specialisation in Ecological Modelling

### APRIL–MAY, OCTOBER–NOVEMBER 2019 AND MAY–JUNE 2020: LAB INTERNSHIPS

***Internships at the Alpine Ecology Laboratory (LECA), Chambéry, France; Supervisor: Sébastien Ibanez***
Mathematical modelling of the emergence of mutualism in co-evolution with spatial dispersal.

### 2018-2019 UNIVERSITÉ DE SAVOIE MONT BLANC

**Master's Degree** in Environmental Sciences Applied to Mountain Regions

### 2015-2018 UNIVERSITÉ DE SAVOIE MONT BLANC

**Bachelor's Degree** in Biology and Ecology

## PUBLICATIONS

### 2026

**National-Scale Asymmetric Biotic Associations Reveal Habitat Structure and Species Roles *[In prep]***
**Matthias Rohr**, Sara Si-Moussi, Tamara Münkemüller, DivGrass Consortium & Wilfried Thuiller

**Beyond Co-Occurrence: Multi-Scale Evidence for Segregation-Dominated Plant Networks in the French Alps**
***Ecology Letter***
**Matthias Rohr,** Alexandre Wendling, Tamara Münkemüller, Dominique Gravel, Clovis Galiez, Julien Renaud, Orchamp Consortium & Wilfried Thuiller

### 2025

**The role of observation scales, trait correlations, and competitive regimes in community assembly patterns;**
***Ecology and Evolution***
**Matthias Rohr,** Wilfried Thuiller, Loïc Chalmandrier & Tamara Münkemüller

**Uncovering symmetric and asymmetric species associations from community and environmental data [prepint]**
Sara Si-Moussi, Esther Galbrun, Mickael Hedde, Giovanni Poggiato, **Matthias Rohr** & Wilfried Thuiller

### 2022

**Mutualists construct the ecological conditions that trigger the transition from parasitism**
***Peer Community Journal***
Léo Ledru, Jimmy Garnier, **Matthias Rohr**, Camille Noûs & Sébastien Ibanez

## TEACHING

### 2025

**Master students supervision**
Mathieu de la Gastine - École Normale Supérieure de Lyon
Networks, but not composition or dominance, capture early community responses to warming in alpine grassland

### 2023-2025

**Community ecology, functional ecology and assembly theory (15h)**
2nd year Master's – Biodiversity Dynamics and Modelling; Université Grenoble Alpes (UGA)

### 2023-2024

**Multivariate statistic and introduction to statistics with R (50h)**
1st and 2nd year Biotechnologies bachelor; Université Grenoble Alpes (UGA)