

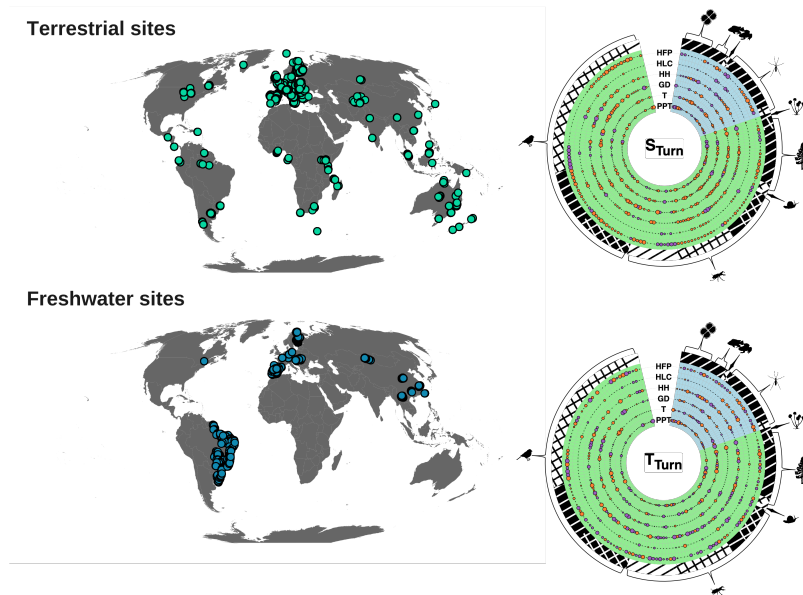
Martedì 05 Aprile, ore 14:00

Consiglio Nazionale delle Ricerche
Istituto di Ricerca sulle Acque
AULA TONOLLI Largo Tonolli 50, Verbania Pallanza

From patterns to action: Leveraging beta diversity for ecological understanding and conservation

DR. CAIO GRACO-ROZA

Postdoctoral researcher at University of Helsinki
<https://www.researchgate.net/profile/Caio-Roza>



In this talk, Caio will present recent research on the use of functional diversity to study conspicuous ecological patterns but also practical applications for conservation of biological communities. He will discuss what insights we can get from widespread theories such as the distance decay of similarities for worldwide communities, but also more focused case studies such as the assembly processes in European cave spiders. From the practical standpoint, he will show how using functional beta-diversity untangle patterns of communities exposed to river damming, urbanization, and other human pressures. Join Caio for an insightful discussion on the power of beta diversity in ecology and conservation, and how we can use this knowledge to promote sustainable practices for the future.