



Mardi 14 mai 2024, 11:00

Grande salle + visio

**CONSEQUENCES OF BIOLOGICAL INVASIONS ON A GLOBAL
SCALE: ADDRESSING THE MULTIPLE FACETS OF THREATENED
TERRESTRIAL DIVERSITY**

par

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- 🔊 Biological invasions are one of the main threats to global biodiversity. Recent years have seen good progress in our understanding of the processes driving impacts caused by invasive alien species (IAS), yet overlooking the ecological characteristics of native species which could influence their resilience to biological invasions.
- 🔊 This talk will summarize the main findings of my PhD project, conducted at the Université Paris-Saclay. This project aimed to improve our understanding of the consequences of biological invasions on native functional diversity at the macro-ecological scale. The underlying objective was to contribute to conservation strategies to mitigate the adverse impacts to biodiversity caused by IAS. I will present 3 out of the 6 chapters of my thesis, with the aim to (1) characterize the ecological profiles of more than 6,000 species of insular terrestrial vertebrates exposed to biological invasions and (2) expose two conceptual frameworks that aim to help defining conservation priorities for terrestrial vertebrates and sites that are threatened by biological invasions, considering both taxonomic and functional diversity.
- 🔊 I will conclude this talk with a short presentation of my on-going post-doc project at the Cesab in Montpellier.

