



RIVAGE

Revisit Island Vulnerability during the Anthropocene Geologic Era

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Islands are one of the most diverse ecosystems on our planet, with high levels of endemism, but they are also one of the most fragile. **More than 80% of extinctions and over one-third of all terrestrial species facing imminent extinction occurred on islands.**

Many studies investigated the causes of this decline, highlighting the exposure of islands to threats such as habitat loss, biological invasions, and climate change. **However, these studies focused on specific threats or taxa. A full picture of the vulnerability of island assemblages to global change is therefore lacking.**

RIVAGE project aims to fill this gap by compiling recently published global data on island vulnerability to global change for birds, plants and mammals. **The objective of RIVAGE is to assess the vulnerability of island assemblages to climate change, land use change, and biological invasions.** The project will bring together experts in vulnerability assessment, island biogeography, functional and phylogenetic diversity, and plant and vertebrate experts with a particular interest in macroecology and conservation.

Finally, RIVAGE will provide guidance on conservation priorities for islands based on multiple decision scenarios.

CESAB

CESAB (Centre for the Synthesis and Analysis of Biodiversity) is FRB's flagship program and an internationally renowned research center whose objective is to implement innovative work to synthesize and analyze existing data sets in biodiversity research.

