

## More about CIEE and Cesab

**CIEE** is Canada's national synthesis centre, established in 2008 as a consortium of Canadian universities and the Canadian Society for Ecology and Evolution. The CIEE funds working groups to conduct team synthesis science in ecology, evolution and environmental science, sponsors training workshops on emerging tools and essential skills for synthesis science, and plays a leadership role in the archiving and rescue of research data. To date, over 320 researchers from 25 countries have participated in CIEE working groups and over 430 researchers have taken part in CIEE training workshops.

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**Cesab** – Centre for the Synthesis and Analysis of Biodiversity – is a key program of the FRB (Foundation for Research on Biodiversity) and aims to implement innovative work to synthesize and analyze already existing data in the field of biodiversity research. Launched in 2010 after the « Grenelle de l'Environnement » by the Ministries for research and for ecology, it was created by eight public research institutions (BRGM, CIRAD, CNRS, IFREMER, INRA, IRD, IRSTEA and MNHN), joined in 2017 by the University of Montpellier.

Researchers can find at Cesab the necessary means and infrastructure to share and enhance existing information, and to conduct analyses that address major scientific challenges in biodiversity research. Advancing knowledge, developing synthesis research and collaboration, facilitating the links between all scientific disciplines: these are the main assets of Cesab which hosts a large number of researchers every year from all the continents, during work sessions spread over the project timeline.

For many years, teams of researchers have been collecting, producing and analyzing more and more data on biodiversity. The information acquired today provides undeniable and essential knowledge and allows us to better understand the contributions that biodiversity can provide for humanity. And it is possible to go even further: assembled and combined, existing data, ideas and concepts can generate new advances in both pure and applied research. Together, these existing data can supply new issues and significantly advance our biodiversity knowledge.

Nicolas Mouquet is scientific director of Cesab since 2019.

### List of the Cesab groups :

<https://www.fondationbiodiversite.fr/en/the-frb-in-action/programs-and-projects/le-cesab/>

### Cesab publications list :

<https://www.fondationbiodiversite.fr/en/cesab-scientific-publications/>

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