



CESAB
CENTRE FOR THE SYNTHESIS AND ANALYSIS
OF BIODIVERSITY

FRB-CESAB

Call for projects 2022:

Contact

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Calendar

31 March 2022: Opening of the call
19 May 2022 at 18:00 (CEST): Deadline for submission of pre-proposals
24 June 2022: Invitation to submit a full proposal
22 Sept 2022 at 13:00 (CEST): Deadline for submission of full proposals
Mid-December 2022: Announcement of results
Virtual Kick-off and 1st CESAB workshop in 2023

Context and expectations

The French Foundation for Biodiversity Research opens its 2022 call for research projects within its Center for Synthesis and Analysis of Biodiversity ([CESAB](#)).

Funding will be provided to 3 innovative three-year projects related to the synthesis of ideas and concepts and the analysis of existing biodiversity-related data. The main aims of these projects are to improve scientific knowledge on biodiversity and demonstrate how we can use this knowledge to better protect it.

Members of projects funded by CESAB share scientific expertise, available data and modeling tools to answer a wide range of biodiversity questions at all biological, spatial and temporal scales (all levels of biodiversity are concerned from genes to ecosystems).

Projects may deal with any topic related to biodiversity, in the fields of natural sciences and/or human and social sciences. Examples of research topics include (but not limited to): the state and dynamics of biodiversity changes; the relationships between biodiversity, ecosystem functions and services; the relationships between biodiversity and anthropogenic pressures; the role of evolutionary processes in biodiversity dynamics; the role of biodiversity in socio-ecosystem resilience; the access to and conservation of biological resources; biodiversity law and governance ; biodiversity conservation; the relationship between biodiversity and human health, etc.

While innovative ideas, feasibility and scientific excellence are primary criteria, projects that are interdisciplinary and/or transdisciplinary by including links with stakeholders (managers, policy makers, NGOs, general public) are encouraged.

Consortium composition

The principal investigator (PI) must be **affiliated with a French scientific research organization or university**. The group must have a co-PI from a different laboratory than the PI (either from a French or an international research organization/university) and the working group (made up of a maximum of 14 experts, including the PIs but excluding the postdoctoral fellow to be recruited) must be international in scope, well-balanced in terms of gender, career stage, field of expertise, and country of origin. Multidisciplinary groups or groups including non-academic stakeholders or practitioners are encouraged.

Successful groups consist of people with relevant expertise but also with the dedication and time to participate in the meetings and contribute to the group goals. Working groups will meet twice a year for one week at the CESAB in Montpellier, France.

Each group will have the opportunity to recruit a **24-month postdoctoral fellow**. The recruitment will be conducted by the two PIs after the project has been selected. The postdoctoral fellow will act as a catalyst for the working group. He or she will be fully involved in the dynamics of the project and be a driving force behind the group's research. He or she will be hosted either at the CESAB in Montpellier, or in one of the PI's laboratories (depending on the CESAB's hosting capacity). If necessary, travel and accommodation will be funded for several weeks per year to interact directly with the PIs between the group's biannual meetings.

Selection criteria

Projects will be selected according to the following criteria:

- the scientific **excellence and innovative nature** of the project,
- the **relevance** of the project to the objectives of CESAB,
- the **quality** of the **working group** (i.e. expertise matching the topic addressed),
- the **feasibility** of the work program,
- the **impact** of the project's scientific data and results and the **dissemination** plan

Deliverables

Multi-author high-quality, and ideally, high-impact scientific publications as well as outreach products are expected.

Moreover, the working group will provide a **mid-term report (after 18 months - evaluated by the CESAB to allow the continuation of the funding)** and a **final report (after the last meeting)**, based on a template provided by the CESAB.

Particular attention will also be paid to knowledge transfer. In particular, the following are expected: scientific publications as well as other forms of knowledge dissemination tailored to scientists, managers and users, construction of public databases, development of open access analysis and modeling tools, websites, organization of international workshops, training courses and presentations at major international conferences or official events and public outreach where relevant.

Data management policy

The CESAB adheres to the principles of open science and reproducibility. The datasets produced/assembled by the funded projects and the associated scripts and codes used for the analyses must be made publicly accessible.

To achieve this objective, CESAB expects that:

- the datasets synthesized during the research project at the CESAB are described in a relevant way (using international standards) and made publicly available within a reasonable amount of time (subject to confidentiality constraints for data on individuals and organizations);
- the raw data used to generate any scientific output are documented;

- the associated scripts and codes used for the analyses must be made publicly accessible;
- the intellectual property rights of all data owners are respected when their data are used in CESAB working groups;
- Creative Commons BY 4.0 standards are applied as far as possible to all deposited data.

CESAB offers a unique opportunity for scientists to use its expertise in synthesis and data management, and provides links to organizations that can facilitate data submissions.

Budget – funded activities

The financial support of the FRB includes

- The recruitment of a **post-doctoral fellow for 24 months**;
- **Computer equipment** (if necessary and within the limit of 2000 euros) for the post-doctoral fellow;
- If applicable (should the post-docs be hosted at the CESAB): travel and accommodation for 30 days per year to ensure the connection between the PIs and the post-doctoral fellow;
- **Meeting costs** (transportation, accommodation and food) for **5 workshops** of 5 days each at the CESAB in Montpellier.
- The groups are also expected to organize a one-week virtual **workshop** (support provided by CESAB staff);
- **Publication costs** up to 10 000 euros;
- **Participation to national or international conferences** for the post-doctoral fellow (for a cost up to 3000 euros);
- **Carbon offsetting** of meetings up to 3000 euros.

In addition, the FRB will provide:

- Local logistical organization (planning of meetings, transportation, accommodation and catering);
- Workspaces at the CESAB and communication tools;
- Support for data analysis;
- Support for communication and promotion of the project and its results;
- Support for financial and administrative management of the project.

The budget will be handled by the CESAB and does not need to be detailed in the pre-proposal.

Any change in the list of participants, number of meetings, calendar, etc... must be approved by the CESAB.

Application procedure

All information is available on <https://frbcesabcall22.sciencesconf.org/>

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