



Reference Number 217/2020

**POSTDOCTORAL RESEARCHER (M/F/D)
ON THE sDiv SYNTHESIS WORKING GROUP PROJECT: ACCELERATING IUCN RED
LIST ASSESSMENTS FOR RAPID AND EFFECTIVE BIODIVERSITY MONITORING**

Planned for 2-3 years and initially limited until 30 September 2021, extension subject to approval of DFG funding (evaluation in spring 2021). The third year is additionally dependent on a successful mid-term evaluation.

100% of a full-time position

Planned remuneration: salary group E13 TV-L

Place of work: The postdoc will be based at iDiv in Leipzig but periodically visiting the Italian National Research Council and Sapienza University of Rome, where the two PIs are based.

The **German Centre for Integrative Biodiversity Research (iDiv)**, sDiv Synthesis Centre, seeks to fill the above position in Leipzig at the earliest opportunity.

Background

iDiv is a national research centre funded by the German Research Foundation (DFG). Located in the city of Leipzig, it is a central institution of the Leipzig University and jointly hosted by the Martin-Luther-University Halle-Wittenberg, the Friedrich-Schiller-University Jena and the Helmholtz Centre for Environmental Research (UFZ). The scientific consortium is further enhanced by the expertise of other research institutions, including several Max Planck Society institutes and the Leibniz Association. More information about iDiv: www.idiv.de.

Monitoring extinction risk is essential to track the effectiveness of conservation actions. IUCN Red List is the most authoritative source to document species' extinction risk, but with >100K species assessed, keeping Red List information up-to-date is becoming problematic and economically unsustainable. This project aims at synthesizing and innovating available approaches to streamline extinction risk assessments, identifying species most likely to have changed their status and requiring urgent re-assessment. This project will optimize the Red List workflow and the use of new technologies and models to keep the IUCN Red List up to date. A more detailed description can be found at <https://www.idiv.de/en/sredlist>.

Job description

- Scientific research addressing the objectives of the sDiv project sRedList
- Data Analysis and statistical modelling
- Writing and publishing scientific papers in peer-reviewed journals and presenting the results at national and international conferences
- Coordination of a series of workshops hosting an extended network of scientists with strong background in macroecology, conservation, and Red List assessments and interaction with those experts
- Participation in limited teaching, mentoring junior scientists and participation in seminars and discussions
- Active participation in the lab life of sDiv and the projects iDiv collaborator

Requirements

- Doctoral degree in ecology, conservation biology or similar fields
- Advanced technical skills including GIS Statistics (eg. Machine Learning) Programming languages (advanced knowledge of R is required, knowledge of other languages would be a bonus)

- Experience with analysing large datasets (including spatial data)
- Strong organization and coordination skills
- Experience in conservation biology and/or Red List assessments and/or extinction risk modelling
- Excellent publishing track record
- Excellent English communication skills (spoken and written)
- Excellent team-working skills suitable for an international and intercultural work setting

We offer

- A highly dynamic, collaborative, and interdisciplinary environment
- Networking opportunity with a large international team of experts
- Access to powerful computing resources and support by iDiv's informatics units and collaborators
- Career-building support (e.g. in proposal writing, teaching opportunities, networking) over the course of the project

iDiv is a highly international centre with employees from 30 countries and various forms of support for foreign-language employees (Welcome Centre, German classes, etc.). Leipzig is an attractive city with rich culture and beautiful surroundings and affordable cost of living, international visitors usually find it easy to settle in.

Kindly send your application, quoting the reference number 217/2020, via our application portal at <https://apply.idiv.de> until 20 September 2020. While we prefer applications via this portal, hard-copy applications may also be sent to:

German Centre for Integrative Biodiversity Research – iDiv (Halle-Jena-Leipzig)
Dr. Marten Winter
Deutscher Platz 5 e
04103 Leipzig, Germany

All applications should include:

- Cover letter in English describing motivation for the project, research interests, relevant experience and computational and modelling skills. Also, as part of the cover letter indicate up to a max of three relevant/representative outputs demonstrating your skills and/or suitability for the project (these may include publications, github repositories, R packages, etc..).
- Complete curriculum vitae including full track record.
- Names and contact details of at least two scientific references
- Digital copy of master's and PhD certificate or equivalent

Queries concerning the application process should be directed to [Dr. Marten Winter](#), for project-related questions please contact the project's [PIs Dr Luca Santini](#) and [Dr Moreno Di Marco](#).

Severely disabled persons are encouraged to apply and will be given preference in the case of equal suitability. Please note that applying via email is not entirely secure under data protection law. The sender assumes full responsibility.

iDiv is committed to establishing and maintaining a diverse and inclusive community that collectively supports and implements our mission to do great science. We will welcome, recruit, develop, and advance talented staff from diverse genders and backgrounds.

Privacy information

The personal data contained within your application documents or obtained during the interview will be processed exclusively for the purposes of the selection process for the position advertised. The legal basis for such data processing is Section 11(1) of the Saxon Data Protection Implementation Act (SächsDSDG) in conjunction with the EU General Data Protection Regulation (GDPR). The controller

for the application process within the meaning of the GDPR is the addressee of the application, as specified in the respective advertisement. When processing your application, your personal data will be passed on within Leipzig University to

- members of the selection committee*
- the human resources management teams*
- the Commissioner for Equal Opportunities*
- the Disability Officers and*
- if necessary, the Staff Council*

as part of their organisational or statutory responsibilities.

Your personal data will be erased no later than six months after completion of the selection process. In accordance with the GDPR, subject to the relevant statutory requirements you have the following rights vis-à-vis the addressee of the application with regard to your personal data: right of access (Art. 15 GDPR); right to rectification of inaccurate personal data (Art. 16 GDPR); right to erasure (Art. 17 GDPR); right to restriction of processing (Art. 18 GDPR); and right to object to processing (Art. 21 GDPR). If you have any questions, please contact the Data Protection Officer at Leipzig University (office: Augustusplatz 10, 04109 Leipzig). You also have the right to lodge a complaint with the Saxon Commissioner for Data Protection.