

**Reference file number
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Leipzig, 02. Oktober 2018

The German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig is one of four National Research Centres funded by the German Research Foundation (DFG). Its central mission is to promote theory-driven synthesis and data-driven theory in this emerging field. The concept of iDiv encompasses the detection of biodiversity, understanding its emergence, exploring its consequences for ecosystem functions and services, and developing strategies to safeguard biodiversity under global change. It is located in the city of Leipzig and it's a central institution of the Leipzig University, jointly hosted by the Martin-Luther-University Halle-Wittenberg, the Friedrich Schiller University Jena and the Helmholtz Centre for Environmental Research (UFZ). Furthermore, it gains support by the Max Planck Society, the Leibniz Association and the Free State of Saxony. More Information about iDiv: www.idiv.de.

The **Biodiversity Economics** research group aims at improving the scientific basis for sustainability in human-nature relationships, studying the sustainable use of renewable natural resources (e.g. marine fisheries, rangelands, forests) and conservation of biodiversity from regional to global. We study how economic incentives shape behavior towards nature, what sustainability – understood as justice in human-nature relationships – means, and how economic policy instruments could contribute to that end. Our methodical expertise comprises quantitative ecological-economic modeling, dynamic optimization, statistics, economic experiments, conceptual modeling, game theory and capital theory. Our research group is internationally well connected. We engage in integrative interdisciplinary research with natural and social scientists and researchers from the humanities. Former doctoral researchers of Martin Quaas' group have now professorships at leading universities in North America and Europe; work for the government, or in the private sector.

Leipzig University offers the following position in Leipzig as soon as possible:

**Doctoral Researcher
"International trade and biodiversity"**

(initially limited until 30 September 2020 (iDiv funding period), 65 % of a full-time employment)

Salary: Entgeltgruppe 13 TV-L

Background:

Biodiversity patterns are affected and 'teleconnected' by processes of globalization that shape land use, exploitation of natural resources, and flows of biodiversity information around the world. The doctoral researcher shall develop economic-ecological models that capture the links between economic processes of globalization and changing biodiversity, and use these models to study how environmental and trade policies could contribute to the sustainable use and conservation of biodiversity. As the focus is on natural diversity, a starting point will be the idea to combine approaches of 'New Trade Theory' and resource economics, with a focus international trade in marine fish and seafood. The doctoral research will take place in the Biodiversity Economics research group at iDiv and will be supervised by Professor Martin Quaas. We offer a highly dynamic working environment and collaborations within and beyond iDiv are envisaged. It is expected that the researcher participates in the [Central-German Doctoral Program Economics](#) and the doctoral seminar of the Economics department of Leipzig University.

Job description:

- analysis of the effects of globalization on biodiversity changes and the conservation of natural resources by means of economic methods
- use and combination of economic and biological models, theories and methods to elaborate new scientific approaches on issues of international trade and biodiversity changes
- writing and publishing of scientific papers in peer-reviewed journals
- presentation of results at national and international conferences
- doctoral studies within the Central-German Doctoral Program Economics, regular participation and contributions to the doctoral seminar of the Economics department of Leipzig University
- elaborating on possibilities of integrative collaboration with further research groups at iDiv

Requirements:

- excellent master degree or equivalent in Economics or a related field of research
- strong and documented interest in Environmental, Resource, and Ecological Economics
- quantitative skills (statistics, econometrics, modelling)
- knowledge of theoretical economic approaches (e.g. New Trade Theory)
- excellent English communication skills (speaking and writing)
- innovative, able to work on his or her own initiative
- team-oriented and strong organizational skills

Applications are accepted until **31st October 2018**.

Applications should include:

- cover letter (in English or German) describing motivation for the project, research interests & relevant experience
- complete curriculum vitae including names and contact details of at least two scientific references
- digital copy of masters certificate
- PDF of one publication or thesis chapter

Applications with reference file number **219/2018** are accepted via our application portal under apply.idiv.de. We prefer applications via our application portal, hard copy applications can be sent to

German Centre for Integrative Biodiversity Research – iDiv
Herrn Professor Dr. Martin Quaas
Deutscher Platz 5e, 04103 Leipzig.

For queries on the application process, please contact our HR Department (hr@idiv.de); for research project questions, contact Professor Dr. Martin Quaas (martin.quaas@idiv.de).

Applying via email is questionable under data protection law. The sender assumes full responsibility.

Severely disabled persons are encouraged to apply and will be given preference in the case of equal suitability.

Data Protection

Your personal data which is included in your application documents or obtained during the interview shall be processed exclusively for the purposes of the selection process for the advertised position. The legal basis for data processing is Article 11 Paragraph 1 of the Saxon Data Protection Implementation Act (Sächsisches Datenschutzdurchführungsgesetz) in conjunction with the EU General Data Protection Regulation (GDPR). The person responsible for the application process is the addressee of the application provided below in this advertisement. As part of the application process your personal data will be passed on to the following persons or departments within Leipzig University

- members of the selection committee, - the HR office,
- the Commissioner for Equal Opportunities,
- the Representative Body for Severely Disabled Employees and
- if necessary, the Staff Council

as part of their organisational or statutory responsibilities.

Your personal data will be deleted at the latest six months following completion of the selection process. In accordance with the GDPR you have the following rights vis-à-vis the addressee of the application if the relevant statutory requirements exist: right of access (Art. 15 of the GDPR), right of rectification of incorrect personal data (Art. 16 of the GDPR); data deletion (Art. 17 of the GDPR), restriction of processing (Art. 18 of the GDPR) and objection to processing (Art. 21 of the GDPR). If you have any questions, please contact the data protection officer at Leipzig University, Mr Thomas Braatz, Augustusplatz 10, 04109 Leipzig. You also have the right to lodge a complaint with the Saxon data protection commissioner.