Friedrich Schiller University Jena seeks to fill the following position at the German Centre for Integrative Biodiversity Research (iDiv) in Leipzig at the earliest possible date:

**Doctoral Researcher (f/m/d)**
on the flexpool project 2 “Detecting long-term functional changes in biodiversity: boosting analyses of herbarium specimens using spectroscopic methods (FunSpec)”
initially limited until 30 September 2021,
extension for 2-3 further years possible and dependent upon successful renewal of DFG funding for iDiv (evaluation in spring 2021)
65 percent of a full-time position
Salary: up to *Entgeltgruppe 13 TV-L*, if the personal requirements and tasks are fulfilled

The FSU Jena seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply. Severely disabled persons are encouraged to apply and will be given preference in the case of equal suitability.

**Background**

iDiv, the German Centre for Integrative Biodiversity Research Halle-Jena-Leipzig, invites applications to 5 doctoral researcher positions in its 4th flexpool call from October 2020 onwards (**see overview in published flexpool general announcement**).

The project is mainly supervised by Karsten Wesche (Senckenberg Görlitz), Christine Römermann (FSU Jena) and Helge Bruelheide (MLU Halle), and aims at documenting biodiversity change based on our extensive herbaria. Specifically, we aim at measuring plant nutrient contents by calibrating non-invasive spectral methods, with the aim to analyze responses to increasing levels of nutrient input over the last 100 – 150 years. The project is supervised by Prof. Karsten Wesche. Place of work is the Senckenberg Museum of Natural History, Görlitz.

**Job description:**

- Retrieving suitable samples from both extensive herbaria and field sites
- Analyzing samples by both traditional chemical methods and spectroscopy
- Assessing changes using state-of-the art statistical approaches
- Writing and publishing scientific papers in peer-reviewed journals
- Presenting results at national and international conferences

**Requirements:**

- M.Sc. or equivalent degree in a project-related field (e.g. ecology, environmental sciences)
- Expertise and experience in plant ecology, and on flora of Central Europe
- Interest and ability in lab approaches, including inorganic analytics
- Interest and ability in collection-based research and herbarium studies
- Strong statistical skills (in R)
- Excellent English communication skills (spoken and written)
- Team-oriented and strong organizational skills

Kindly send your application, quoting the reference number xx/2020, via our application portal at [https://apply.idiv.de](https://apply.idiv.de). While we prefer applications via this portal, hard-copy applications may also be sent to:
Submission deadline is 10 July 2020. Selected candidates will be invited to the online joint recruitment symposium on 31 August until 1 September 2020.

All applications should include:

- Cover letter describing motivation for the project, research interests and relevant experience
- Complete curriculum vitae including names and contact details of at least two scientific references
- Digital copy of master certificate or equivalent

Queries concerning the application process should be directed to Mrs. Christa Genz (christa.genz@idiv.de), for project-related questions, please contact Professor Karsten Wesche (karsten.wesche@senckenberg.de).

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.

Please note that applying via email is not entirely secure under data protection law. The sender assumes full responsibility.

Please consider our application information: [http://www.uni-jena.de/stellenmarkt_hinweis.html](http://www.uni-jena.de/stellenmarkt_hinweis.html)

Please also note the information on the collection of personal data on:

[www.uni-jena.de/Universität/Stellenmarkt/Datenschutzhinweis](http://www.uni-jena.de/Universität/Stellenmarkt/Datenschutzhinweis)