

Marie Skłodowska-Curie Post-doc Positions in Germany

“Expression of Interest” for hosting Fellows

This template should be used by institutions interested in hosting post-doctoral fellows within the Marie Skłodowska-Curie Individual Fellowship programme. Host institutions should be located in Germany.

1. Valid for the following MSCA-IF Calls¹:

<input checked="" type="checkbox"/> 2017	<input checked="" type="checkbox"/> 2019
<input checked="" type="checkbox"/> 2018	<input checked="" type="checkbox"/> 2020

2. Interested host institution:

Justus Liebig University Gießen

Name of EU liaison officer (EU-Referent/in), if applicable:

Dr. Christian Veldman (EU consultant)

Christian.Veldman@admin.uni-giessen.de

3. Institute/Department:

Institute for Landscape Ecology and Resources Management
Research Centre for BioSystems, Land Use and Nutrition (iFZ)
Justus Liebig University Giessen
Heinrich-Buff-Ring 26-32, 35392 Giessen, Germany

Website (Hyperlink): www.uni-giessen.de/breuer

4. Contact person (name and e-mail address):

Prof. Dr. Lutz Breuer

Chair in Landscape, Water and Biogeochemical Cycles

lutz.breuer@umwelt.uni-giessen.de

¹ MSCA Individual Fellowships are selected on the basis of annual calls for proposals. Forthcoming and open calls for proposals can be found on the [Participant Portal](#) of the European Commission under “Funding Opportunities” and “Calls/H2020”.

5. Project idea/position (scientific requirements, topic, discipline):

Rough outline of idea/position:

Hydrological and hydro-biogeochemical modelling, model integration, process-based model development, climate and land use change scenario analysis, water-carbon-nitrogen interaction

Stable water isotope research, experimental hydrology, in situ measurements of stable water isotopes, in situ high frequency water quality analysis using UV spectroscopy, ecohydrology, water velocity and celerity, lateral transport processes

Hyporheic and riparian zone exchange of water and nutrients (in particular nitrogen), groundwater-surface water interaction, lateral flow process in agricultural dominated landscapes, trace gas emissions from riparian zones induced by uphill fertilizer application

Please tick:

(according to [scientific subject areas](#), defined by the German Research Foundation)

- Life Sciences
- Natural Sciences
- Engineering Sciences
- Social Sciences and Humanities

6. Deadline² for considering interests by post-doctoral applicants:

None

² Please consider that the preparation of a Marie Skłodowska-Curie proposal requires some time. Fellow and supervisor have to agree on a project and training opportunities for the fellow.