



Research in Germany



AN INITIATIVE OF THE

Federal Ministry
of Education
and Research

Research in
Germany



Land of Ideas

GEOSCIENCES AND
ENVIRONMENTAL SCIENCES





Research in Germany

Imprint

Published by: German Research Foundation (DFG), Bonn, Germany

Editor: Vera Pfister

Assistant Editor: Annina Lottermann

Assistance: Julia Timofeev

Contact: researchmarketing@dfg.de

Sources: DFG, Fraunhofer Society, Helmholtz Association, Leibniz Association,
Max Planck Society, Federal Ministry of Education and Research

Graphic Design: KLINKEBIEL GmbH Kommunikationsdesign, www.klinkebiel.com

Cover Photo Credits: [iStock.com](https://www.iStock.com) ® adventtr

© DFG, August 2022

This publication was funded by the German Federal Ministry of Education and
Research.

GEOSCIENCES AND ENVIRONMENTAL
SCIENCES

PREFACE

This brochure provides a first insight into research in Germany in the fields of geosciences and environmental sciences and is especially recommended to early career researchers from abroad.

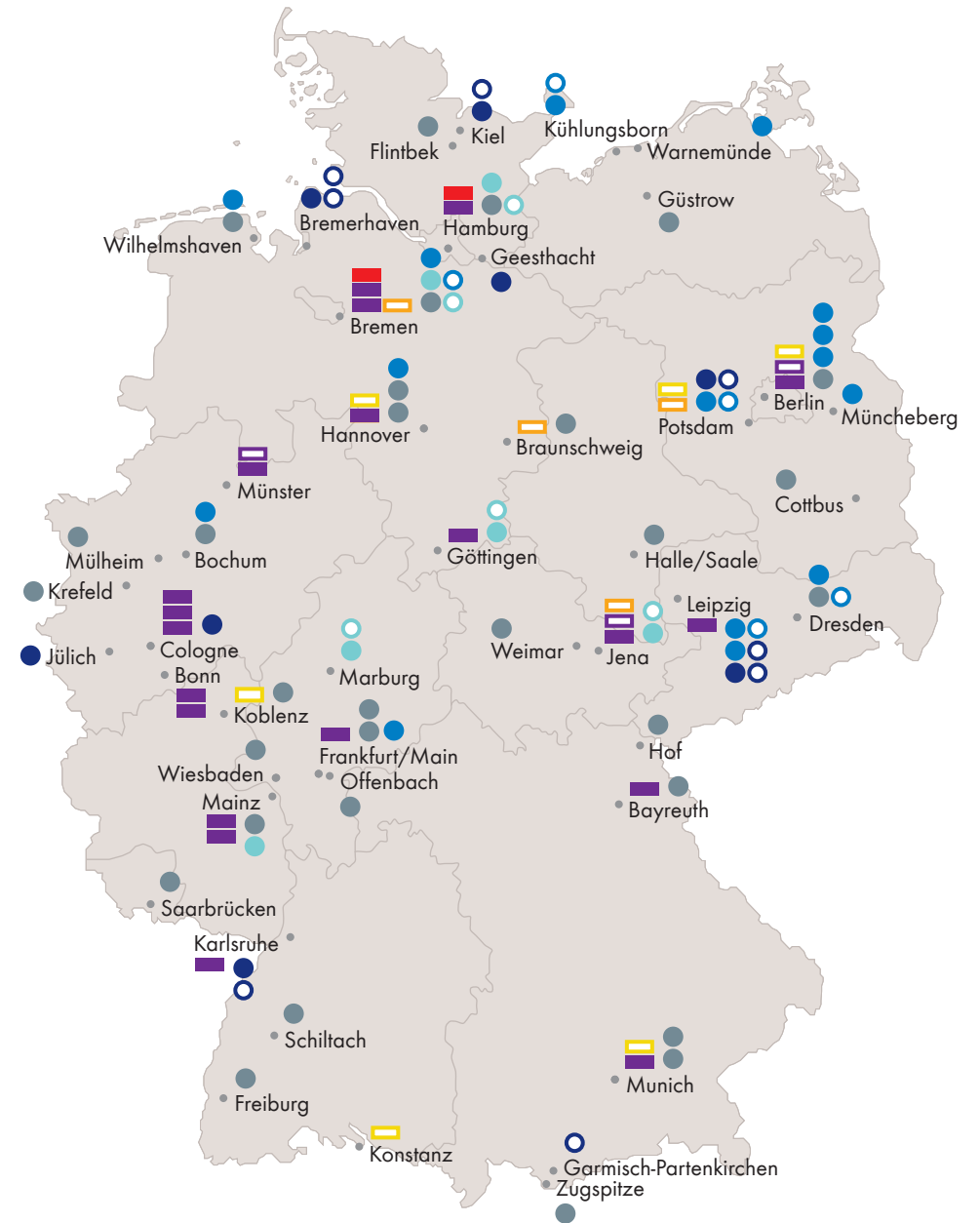
Research in geosciences and environmental sciences in Germany is primarily conducted at universities but also at non-university research institutions. Almost all universities host a section in these scientific fields. The spectrum ranges from small monothematic working groups to large interdisciplinary departments and covers a variety of topics from traditional areas to new explorative research fields.

This brochure is intended to give an initial overview. The following map and tables highlight research consortia and graduate training programmes at universities and non-university research institutes with a main focus on geosciences and environmental sciences.

On top of this, there is a lot more to discover: e.g. the DFG funds a multitude of individual projects in the area of geosciences and environmental sciences. These individual grants outweigh the research consortia both in number and in overall funding volume. Towards the end of this brochure, you will find a link to the online database GEPRIS that provides an overview of all DFG funded research projects. You will also find additional important links for further information about programmes in the fields of geosciences and environmental sciences and profiles of German universities and research institutions.

We invite you to explore the many opportunities that Germany has to offer and welcome your feedback.

OVERVIEW



- | | |
|--|---|
|  Research Training Groups |  Helmholtz Graduate Schools |
|  International Research Training Groups |  Leibniz Graduate Schools |
|  Integrated Research Training Groups in Collaborative Research Centres/Transregios |  International Max Planck Research Schools |
|  Clusters of Excellence |  Helmholtz Centres |
|  Collaborative Research Centres/Transregios |  Leibniz Institutes |
| |  Max Planck Institutes |
| |  Others |

DFG-funded Priority Programmes and Research Units are not shown on the map since they are not necessarily located at a single location; they are listed on pages 13 and 15. The map shows the headquarters of the non-university research institutions.

CENTRES OF RESEARCH

- FUNDED BY DFG -

Clusters of Excellence (EXC) promote cutting-edge research. They serve to strengthen the research profiles of universities or university consortia in internationally competitive fields. They create excellent training and career opportunities for early career researchers. Within the framework of the Excellence Strategy, they can receive between €3 million and €10 million annually and are funded for seven years, starting in 2019. A second seven-year period is possible.

Collaborative Research Centres (CRC) are organisational units established at universities which enable researchers to pursue an outstanding research programme crossing the boundaries of disciplines, institutes, departments and faculties. The traditional Collaborative Research Centre is generally applied for by one university and is conducted by researchers of that university. Early career support is a key objective of the Collaborative Research Centre Programme. Early career researchers may get involved in a CRC in numerous ways, for example within the framework of an Integrated Research Training Group. Collaborative Research Centres are funded for a period of up to 12 years.

Transregios (TRR) are Collaborative Research Centres in which up to three universities collaborate with each other and submit a joint application. The contributions of the cooperative partners are essential, complementary and synergetic to the joint research objective. Funding facilitates close, nationwide collaboration among the participating universities and researchers, as well as networking and shared use of resources. There is also the option of international Transregios.

CENTRES OF RESEARCH

Location	Institution	Title	Funded Since	Contact
CLUSTERS OF EXCELLENCE				
 Bremen	Universität Bremen	The Ocean Floor – Earth’s Uncharted Interface (EXC 2077)	2019	www.marum.de
 Hamburg	Universität Hamburg	Climate, Climatic Change, and Society (CliCCS) (EXC 2037)	2019	www.cliccs.uni-hamburg.de
COLLABORATIVE RESEARCH CENTRES				
 Bayreuth	Universität Bayreuth	MICROPLASTICS – Understanding the Mechanisms and Processes of Biological Effects, Transport and Formation: From Model to Complex Systems as a Basis for New Solutions (CRC 1357)	2022	www.sfb-mikroplastik.uni-bayreuth.de
 Bonn	Rheinische Friedrich-Wilhelms-Universität Bonn	Regional Climate Change: Disentangling the Role of Land Use and Water Management (CRC 1502)	2022	www.lf.uni-bonn.de/en/research/crc-detect
 Cologne	Universität zu Köln	Earth – Evolution at the Dry Limit (CRC 1211)	2016	www.sfb1211.uni-koeln.de
 Göttingen	Georg-August-Universität Göttingen	Ecological and Socioeconomic Functions of Tropical Lowland Rainforest Transformation Systems (Sumatra, Indonesia) (CRC 990)	2012	www.uni-goettingen.de/en/310995.html
 Hannover	Gottfried Wilhelm Leibniz Universität Hannover	Relativistic and Quantum-based Geodesy (TerraQ) (CRC 1464)	2021	www.terraq.uni-hannover.de
 Jena	Friedrich-Schiller-Universität Jena	AquaDiva: Understanding the Links between Surface and Subsurface Biogeosphere (CRC 1076)	2013	www.aquadiva.uni-jena.de
COLLABORATIVE RESEARCH CENTRES/TRANSREGIOS				
 Berlin	Freie Universität Berlin Technische Universität Berlin	Late Accretion onto Terrestrial Planets (LATP) (TRR 170)	2015	www.TRR170-lateaccretion.de
Münster	Westfälische Wilhelms-Universität Münster			

CENTRES OF RESEARCH

Location	Institution	Title	Funded Since	Contact
<p>■</p> Bonn Cologne	Rheinische Friedrich-Wilhelms-Universität Bonn Universität zu Köln	Future Rural Africa: Future-making and social-ecological Transformation (TRR 228)	2018	www.crc228.de
<p>■</p> Bremen Cologne Leipzig	Universität Bremen Universität zu Köln Universität Leipzig	Arctic Amplification: Climate Relevant Atmospheric and Surface Processes, and Feedback Mechanisms (AC3) (TRR 172)	2015	www.ac3-tr.de
<p>■</p> Bremen Hamburg	Universität Bremen Universität Hamburg	Energy Transfers in Atmosphere and Ocean (TRR 181)	2016	www.trr-energytransfers.de
<p>■</p> Karlsruhe Mainz Munich	Karlsruher Institut für Technologie Johannes Gutenberg-Universität Mainz Ludwig-Maximilians-Universität München	Waves to Weather (TRR 165)	2015	w2w.meteo.physik.uni-muenchen.de
<p>■</p> Frankfurt Mainz	Goethe-Universität Frankfurt am Main Johannes Gutenberg-Universität Mainz	The Tropopause Region in a Changing Atmosphere (TRR 301)	2021	www.tpchange.de



RESEARCH UNITS

-FUNDED BY DFG-

Research Units (FOR) often contribute to establishing new research directions. Research Units are made up of a team of researchers working together on a research project which is often of an interdisciplinary nature. Research Units consist of several researchers and subprojects. The subprojects of a Research Unit are often located at several locations throughout Germany. Research Units are generally funded for up to six years.

Research Units are not shown on the map. Only the titles of the thematic focus and the project websites are listed.



RESEARCH UNITS

Title	Funded Since	Contact
Algorithmic Data Analytics for Geodesy (AlgoForGe) (FOR 5361)	2022	tba
Fast and Invisible: Conquering Subsurface Stormflow through an Interdisciplinary Multi-Site Approach (FOR 5288)	2022	gepris.dfg.de/gepris/projekt/453746323
Biogeochemical Processes and Air-Sea Exchange in the Sea-Surface Microlayer (BASS) (FOR 5267)	2022	www.uol.de/en/bass
The Dynamic Deep Subsurface of High-Energy Beaches (DynaDeep) (FOR 5094)	2021	www.uol.de/en/icbm/dynadeep
Diffusion Chronometry of Magmatic Systems (FOR 2881)	2020	www.diffchron.ruhr-uni-bochum.de
New Refined Observations of Climate Change from Spaceborn Gravity Missions (NEROGRAV) (FOR 2736)	2018	www.lrg.tum.de/iapg/nerograv
Revisiting The Volcanic Impact on Atmosphere and Climate – Preparations for the Next Big Volcanic Eruption (FOR 2820)	2018	www.physik.uni-greifswald.de/ag-von-savigny/projects/dfg-research-unit-volimpact-for-2820
Sensitivity of High Alpine Geosystems to Climate Change Since 1850 (SEHAG) (FOR 2793)	2018	www.fordoc.ku.de
Large-Scale and High-Resolution Mapping of Soil Moisture on Field and Catchment Scales – Boosted by Cosmic-Ray Neutrons (FOR 2694)	2018	www.uni-potsdam.de/en/cosmicsense
Near-Realtime Quantitative Precipitation Estimation and Prediction (RealPEP) (FOR 2589)	2018	www2.meteo.uni-bonn.de/realpep/doku.php
The Limits of the Fossil Record: Analytical and Experimental Approaches to Fossilization (FOR 2685)	2017	www.ifgeo.uni-bonn.de/abteilungen/palaeontologie/dfg-for-2685
Understanding the Global Freshwater System by Combining Geodetic and Remote Sensing Information with Modelling Using a Calibration/Data Assimilation Approach (GlobalCDA) (FOR 2630)	2017	www.globalcda.de
Matter Under Planetary Interior Conditions – High-Pressure, Planetary and Plasma Physics (FOR 2440)	2016	www.for2440.uni-rostock.de
Space-Time Dynamics of Extreme Floods (SPATE) (FOR 2416)	2016	www.spate-floods.com
Mountain Exile Hypothesis (FOR 2358)	2016	www.uni-marburg.de/en/fb19/dfg2358
Temperature-Related Stresses as a Unifying Principle in Ancient Extinctions (TERSANE) (FOR 2332)	2016	www.cnidaria.nat.uni-erlangen.de/wp
Structures, Properties and Reactions of Carbonates at High Temperatures and Pressures (FOR 2125)	2015	www.uni-frankfurt.de/48626215/for2125

PRIORITY PROGRAMMES

- FUNDED BY DFG -

Priority Programmes (SPP) have a programmatic focus and the purpose of advancing knowledge in an emerging field of research through collaborative networked support. They are characterised by their enhanced quality of research through the use of new methods and forms of collaboration in emerging fields. As a rule, one programme can consist of up to 30 individual subprojects located at several institutions across Germany; it usually has one coordinating person. Priority Programmes normally receive funding for a period of up to six years.

Priority Programmes are not shown on the map. Only the titles of the overall themes and the project website are listed.



PRIORITY PROGRAMMES

Title	Funded Since	Contact
Reconstructing the Deep Dynamics of Planet Earth over Geologic Time (DeepDyn) (SPP 2404)	2022	tba
Tropical Climate Variability and Coral Reefs. A Past to Future Perspective on Current Rates of Change at Ultra-High Resolution (SPP 2299)	2022	www.spp2299.tropicalclimatecorals.de
Dynamics of Ore Metals Enrichment – DOME (SPP 2238)	2020	www.uni-potsdam.de/en/spp2238
Polarimetric Radar Observations meet Atmospheric Modelling (PROM) – Fusion of Radar Polarimetry and Numerical Atmospheric Modelling Towards an Improved Understanding of Cloud and Precipitation Processes (SPP 2115)	2018	www2.meteo.uni-bonn.de/spp2115
Mountain Building Processes in Four Dimensions (4D-MB) (SPP 2017)	2017	www.spp-mountainbuilding.de
Volunteered Geographic Information: Interpretation, Visualisation and Social Computing (SPP 1894)	2016	www.vgiscience.org
Regional Sea Level Change and Society (SeaLevel) (SPP 1889)	2016	www.spp-sealevel.de
Building a Habitable Earth (SPP 1833)	2015	www.habitableearth.uni-koeln.de
EarthShape: Earth Surface Shaping by Biota (SPP 1803)	2015	www.earthshape.net
Study of Earth System Dynamics with a Constellation of Potential Field Missions (DynamicEarth) (SPP 1788)	2015	www.spp-dynamicearth.de
Atmospheric and Earth System Research with the "High Altitude and Long Range Research Aircraft" (HALO) (SPP 1294)	2007	www.halo-spp.de
Antarctic Research with Comparative Investigations in Arctic Ice Areas (SPP 1158)	2003	www.spp-antarktisforschung.de
International Continental Drilling Program (ICDP) (SPP 1006)	1995	www.icdp.ifg.uni-kiel.de
Ocean Drilling Program/Deep Sea Drilling Project (IODP) (SPP 527)	1978	www.iodp.org



The Helmholtz Association contributes to solving major challenges facing society, science and industry with world-level research in six areas: energy, earth and environment, health, key technologies, structure of matter and aeronautics, space and transport. With more than 40,000 employees in 18 research centres and an annual budget of approximately 5 billion euros, the Helmholtz Association is Germany's largest scientific organisation. www.helmholtz.de

The Leibniz Association is an umbrella organisation of 97 research institutes. The annual budget amounts to 2 billion euros. Some 11,500 researchers – approximately 25% of them from abroad – work on a widely diverse range of subjects, including the humanities and social sciences, economics, spatial and life sciences, mathematics, natural and engineering sciences and environmental research. www.leibniz-association.de

The Max Planck Society for the Advancement of Science is one of Germany's largest independent non-profit research organisations. The Max Planck Society has been allocated approximately 1.92 billion euros for 2022. A combined total of 15,300 researchers, postdoctoral/junior researchers and visiting researchers at 86 Max Planck Institutes conduct basic research in the natural sciences, life sciences, social sciences and humanities. One third of the researchers and more than half of the junior and visiting researchers come from abroad. www.mpg.de

Location	Institution	Contact
HELMHOLTZ CENTRES		
● Bremerhaven	Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research (AWI)	www.awi.de
● Cologne	German Aerospace Center (DLR)	www.dlr.de
● Geesthacht	Helmholtz-Zentrum Geesthacht – Centre for Materials and Coastal Research (HZG)	www.hzg.de
● Jülich	Forschungszentrum Jülich (FZ Jülich)	www.fz-juelich.de
● Karlsruhe	Karlsruhe Institute of Technology (KIT)	www.kit.edu
● Kiel	GEOMAR Helmholtz Centre for Ocean Research Kiel	www.geomar.de
● Leipzig	Helmholtz Center for Environmental Research (UFZ)	www.ufz.de
● Potsdam	Helmholtz Centre Potsdam – GFZ German Research Centre for Geosciences	www.gfz-potsdam.de
LEIBNIZ INSTITUTES		
● Berlin	Leibniz Institute for Crystal Growth (IKZ)	www.ikz-berlin.de
● Berlin	Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB)	www.igb-berlin.de
● Berlin	Museum für Naturkunde – Leibniz Institute for Evolution and Biodiversity Science (MfN)	www.museumfuernaturkunde.berlin
● Bochum	Deutsches Bergbau-Museum – German Mining Museum Bochum (DBM)	www.bergbaumuseum.de
● Bremen	Leibniz Centre for Tropical Marine Ecology (ZMT)	www.leibniz-zmt.de
● Dresden	Leibniz Institute of Ecological Urban and Regional Development (IOER)	www.ioer.de
● Frankfurt/Main	Senckenberg Research Institute and Natural History Museum	www.senckenberg.de
● Hannover	Leibniz Institute for Applied Geophysics (LIAG)	www.liag-hannover.de
● Kühlungsborn	Leibniz Institute of Atmospheric Physics at the University Rostock (IAP)	www.iap-kborn.de
● Leipzig	Leibniz Institute for Regional Geography (IFL)	www.ifl-leipzig.de
● Leipzig	Leibniz Institute for Tropospheric Research (TROPOS)	www.tropos.de
● Müncheberg	Leibniz Centre for Agricultural Landscape Research (ZALF)	www.zalf.de
● Potsdam	Potsdam Institute for Climate Impact Research (PIK)	www.pik-potsdam.de
● Warnemünde	Leibniz Institute for Baltic Sea Research Warnemünde (IOW)	www.io-warnemuende.de
● Wilhelms-haven	Senckenberg by the Sea	www.senckenberg.de

NON-UNIVERSITY RESEARCH INSTITUTIONS

Location	Institution	Contact
MAX-PLANCK-INSTITUTES		
● Bremen	Max Planck Institute for Marine Microbiology (MPI-MM)	www.mpi-bremen.de
● Göttingen	Max Planck Institute for Solar System Research (MPS)	www.mps.mpg.de
● Hamburg	Max Planck Institute for Meteorology (MPI-M)	www.mpimet.mpg.de
● Jena	Max Planck Institute for Biogeochemistry (BGC-Jena)	www.bgc-jena.mpg.de
● Mainz	Max Planck Institute for Chemistry (MPIC)	www.mpic.de
● Marburg	Max Planck Institute for Terrestrial Microbiology (MPI-Marburg)	www.mpi-marburg.mpg.de
OTHERS		
● Bayreuth	Bavarian Research Institute of Experimental Geochemistry and Geophysics, University of Bayreuth (BGI)	www.bgi.uni-bayreuth.de
● Berlin	State Geological Surveys of Germany (GSO)	www.infogeo.de
Bremen		
Cottbus		
Dresden		
Flintbek		
Freiburg		
Güstrow		
Halle/Saale		
Hamburg		
Hannover		
Hof		
Krefeld		
Mainz		
Saarbrücken		
Weimar		
Wiesbaden		
● Bochum	International Geothermal Center (GZB)	www.geothermiezentrum.de
● Braunschweig	Johann Heinrich von Thünen Institute, Federal Research Institute for Rural Areas, Forestry and Fisheries	www.thuenen.de
● Frankfurt/Main	Federal Agency for Cartography and Geodesy (BKG)	www.bkg.bund.de
● Frankfurt/Main	Institute for Social-Ecological Research (ISOE)	www.isoe.de
● Hannover	Federal Institute for Geosciences and Natural Resources (BGR)	www.bgr.bund.de
● Koblenz	German Federal Institute of Hydrology (BfG)	www.bafg.de

NON-UNIVERSITY RESEARCH INSTITUTIONS

Location	Institution	Contact
● Mülheim	IWW Water Centre	www.iww-online.de
● Munich	Bayerische Staatssammlung für Paläontologie und Geologie	www.palmuc.de/bspg
● Munich	Commission for Glaziologie of the Bavarian Academy of Sciences and Humanities	www.glaciology.de
● Offenbach	Germany's National Meteorological Service (DWD)	www.dwd.de
● Schiltach	Black Forest Observatory (BFO)	www.black-forest-observatory.de
● Wilhelmshaven	Lower Saxony Institute for Historical Coastal Research (NIHK)	www.nihk.de
● Zugspitze	Environmental Research Station Schneefernerhaus	www.schneefernerhaus.de



GRADUATE TRAINING

- FUNDED BY DFG -

Research Training Groups (RTG) combine an ambitious research programme at universities with comprehensive training, tailored supervision and academic freedom to form an ideal environment for a successful doctorate. Research Training Groups can also have an interdisciplinary approach. They are funded for a period of up to nine years.

International Research Training Groups (IRTG) provide opportunities for joint doctoral training programmes between German universities and universities abroad. The research and study programmes are jointly developed and supervised. Doctoral students in the programme spend six months at the partner institution.

Integrated Research Training Groups (within Collaborative Research Centres/ Transregios) offer ideal research environments for doctoral researchers. The main aim of these structured training programmes is to provide young scientists and academics with opportunities to independently carry out research at an early stage of their career. The programmes further take care to closely integrate early career researchers into an academic network. Working in Clusters of Excellence or Collaborative Research Centres projects, doctoral researchers achieve additional qualifications. As research assistants in these projects, they contribute to the Research Centre's success. They are closely involved with the projects and have access to the entire project infrastructure.




GRADUATE TRAINING

Location	Institution	Title	Funded Since	Contact
RESEARCH TRAINING GROUPS				
Berlin	Technische Universität Berlin	Urban Water Interfaces (RTG 2032)	2014	www.uwi.tu-berlin.de
Hannover	Gottfried Wilhelm Leibniz Universität Hannover	Integrity and Collaboration in Dynamic Sensor Networks (RTG 2159)	2016	www.icsens.uni-hannover.de
Konstanz	Universität Konstanz	R3 – Responses to Biotic and Abiotic Changes, Resilience and Reversibility of Lake Ecosystems (RTG 2272)	2016	www.rtg-resilience.uni-konstanz.de
Landau	Universität Koblenz-Landau	Crossing Boundaries: Propagation of In-Stream Environmental Alterations to Adjacent Terrestrial Ecosystems (RTG 2360)	2019	systemlink.uni-landau.de
München	Technische Universität München	Geophysical Modelling of Vertical Motion Processes Constrained by Geodetic and Geological Observations (UPLIFT) (RTG 2698)	2022	www.asg.ed.tum.de/iapg/uplift
Potsdam	Universität Potsdam	Natural Hazards and Risks in a Changing World (NatRiskChange) (RTG 2043)	2015	www.natriskchange.de
INTERNATIONAL RESEARCH TRAINING GROUPS				
Braunschweig Hannover Jena Beijing (China) Lanzhou (China)	Technische Universität Braunschweig Gottfried Wilhelm Leibniz Universität Hannover Friedrich-Schiller-Universität Jena Chinese Academy of Sciences University of Lanzhou	Geoecosystems in Transition on the Tibetan Plateau (TransTiP) (RTG 2309)	2017	www.tu-braunschweig.de/irtg-transtip
Bremen Montréal (Canada)	Universität Bremen Université du Québec à Montréal	ArcTrain – Processes and Impacts of Climate Change in the North Atlantic Ocean and the Canadian Arctic (IRTG 1904)	2012	www.marum.de/Ausbildung-Karriere/ArcTrain.html


GRADUATE TRAINING

Location	Institution	Title	Funded Since	Contact
 Potsdam	Universität Potsdam	Surface Processes, Tectonics and Georesources: The Andean Foreland Basin of Argentina (StRATEGy) (IRTG 2018)	2015	irtg-strategy.de
Buenos Aires (Argentina)	Universidad Austral Universidad de Buenos Aires			
Jujuy (Argentina)	Universidad Nacional de Jujuy			
La Plata (Argentina)	Universidad Nacional de La Plata			
Mendoza (Argentina)	Universidad Nacional de Cuyo			
Salta (Argentina)	Universidad Nacional de Salta			

INTEGRATED RESEARCH TRAINING GROUPS IN COLLABORATIVE RESEARCH CENTRES

 Jena	Friedrich-Schiller-Universität Jena	Integrated Research Training Group "AquaDiva" within: AquaDiva: Understanding the Links between Surface and Subsurface Biogeosphere (CRC 1076)	2013	www.aquadiva.uni-jena.de/irtg
--	-------------------------------------	---	------	-------------------------------

INTEGRATED RESEARCH TRAINING GROUPS IN COLLABORATIVE RESEARCH CENTRES/TRANSREGIOS

 Berlin	Freie Universität Berlin Technische Universität Berlin	Integrated Research Training Group "Planetary Sciences" within: Late Accretion onto Terrestrial Planets (LATP) (TRR 170)	2015	www.trr170-lateaccretion.de/graduate-school
Münster	Westfälische Wilhelms-Universität Münster			

GRADUATE TRAINING



GRADUATE TRAINING

- AT NON-UNIVERSITY RESEARCH INSTITUTIONS -

Helmholtz Graduate Schools provide a roof under which a varied number of curricula in different fields, or across disciplines, can find a home. Helmholtz Graduate Schools constitute a valuable addition to the wide range of training programmes available within the Helmholtz Association. They offer optimal conditions for PhD students to work and enable them to create a network of contacts with fellow university researchers while also fostering the integration of participants into the research environment.

Leibniz Graduate Schools were established to foster the systematic promotion of junior researchers. Young researchers are given the opportunity to do their doctorates in an excellent, collaborative, cross-disciplinary research environment. To this end, Leibniz institutions cooperate closely with universities. As every Leibniz institution focuses on clearly defined, socially-relevant themes, doctoral candidates have a wealth of networking opportunities in a large, dedicated scientific community. The particular character of research at the institutions in the Leibniz Association, which includes fundamental, large-scale and application-oriented research, means doctoral candidates can conduct research from basic idea right through to application.

International Max Planck Research Schools (IMPRS) offer talented German and international junior scientists the opportunity to earn a doctorate under excellent research conditions. The research schools are established by one or several Max Planck Institutes. These IMPRS work in close cooperation with universities and other – sometimes international – research institutions. This provides an extraordinary framework for the graduate students to work in, and is a great advantage in interdisciplinary research projects, or in projects that require special equipment.

GRADUATE TRAINING

Location	Title	Contact
HELMHOLTZ GRADUATE SCHOOLS		
○ Bremerhaven	Helmholtz Graduate School for Polar and Marine Research (POLMAR)	www.polmar.awi.de
○ Bremerhaven	Helmholtz Research School on Earth System Science (ESSReS)	www.earth-system-science.org
○ Garmisch-Partenkirchen	Helmholtz Research School on Mechanisms and Interactions of Climate Change in Mountain Regions (MICMoR)	www.micmor.kit.edu
○ Karlsruhe	GRACE – GRADuate School for Climate and Environment	www.grace.kit.edu
○ Kiel	Helmholtz Research School Ocean System Science and Technology (HOSST)	www.geomar.de/en/hosst
○ Leipzig	Helmholtz Interdisciplinary GRADuate School for Environmental Research (HIGRADE)	www.ufz.de/higrade
○ Leipzig	Helmholtz Research School for Ecosystem Services under Changing Land-Use and Climate (ESCALATE)	www.ufz.de/escalate
○ Potsdam	Helmholtz Graduate Research School for Explorative Simulation of Earth Sciences (GeoSim)	www.geo-x.net/geosim
LEIBNIZ GRADUATE SCHOOLS		
○ Bremen	Leibniz Graduate School SUTAS (Sustainable Use of Tropical Aquatic Systems)	www.leibniz-zmt.de/en/research/research-projects/sutas-graduate-school.html
○ Dresden	Dresden Leibniz Graduate School (DLGS)	www.dlgs-dresden.de
○ Kühlungsborn	International Leibniz Graduate School for Gravity Waves and Turbulence in the Atmosphere and Ocean (ILWAO)	www.iap-kborn.de/en/forschung/projekte/heimseiten/ilwao
○ Leipzig	Leipzig Graduate School on Clouds, Aerosols and Radiation (LGS-CAR)	www.lgs-car.tropos.de
○ Potsdam	Leibniz Graduate School: Agricultural Techniques: Potentials and Costs of Greenhouse Gas Mitigation (LandPaKT)	www.landpakt.atb-potsdam.de
INTERNATIONAL MAX PLANCK RESEARCH SCHOOLS (IMPRS)		
○ Bremen	IMPRS of Marine Microbiology	www.marmic.mpg.de/marmic
○ Göttingen	IMPRS for Solar System Science	www.mps.mpg.de/solarsystemschoool
○ Hamburg	IMPRS on Earth System Modelling	www.mpimet.mpg.de/en/science/imprs-esm
○ Jena	IMPRS for Global Biogeochemical Cycles	www.imprs-gbgc.de
○ Marburg	IMPRS for Environmental, Cellular and Molecular Microbiology	www.imprs-marburg.de

SOCIETIES AND ASSOCIATIONS

IN GERMANY

Deutsche Geophysikalische Gesellschaft (DGG): www.dgg-online.de (DE)
Deutsche Gesellschaft für Limnologie (DGL): www.dgl-ev.de (DE)
Deutsche Hydrographische Gesellschaft (DHG): www.dhyg.de (DE)
German Association for Water, Wastewater and Waste (DWA): www.en.dwa.de
German Crystallographic Society (DKG): www.dgk-home.de
German Geographical Society (DGfG): www.geographie.de
German Geological Society (DGGV): www.dggv.de (DE)
German Hydrological Society (DHG): www.dhydrog.de (DE)
German Meteorological Society (DMG): www.dmg-ev.de
German Mineralogical Society (DMG): www.dmg-home.org
German Professional Association of Geoscientists (BDG): www.geoberuf.de
German Quaternary Association (DEUQUA): www.deuqua.org
German Society for Marine Research (DGM): www.dg-meeresforschung.de (DE)
German Society for Photogrammetry, Remote Sensing and Geoinformation (DGPF): www.dgpf.de (DE)
German Society of Polar Research (DGP): www.polarforschung.de
German Soil Science Society (DBG): www.dbges.de
Paläontologische Gesellschaft: www.palges.de
Society for Geodesy, Geoinformation and Land Management (DVW): www.dvw.de
Water Science Alliance e.V.: www.watersciencealliance.de (DE)

OPEN POSITIONS

Research in Germany: www.research-in-germany.org/jobs
Fraunhofer Society: www.fraunhofer.de/en/jobs-and-career.html
Helmholtz Association: www.helmholtz.de/en/jobs_talent
Leibniz Society: www.leibniz-gemeinschaft.de/en/careers/jobs.html
Max Planck Society: www.mpg.de/jobboard

FURTHER INFORMATION

NOTES

RESEARCH INSTITUTIONS, PROJECTS, FUNDING, CONTACTS



The “Research in Germany” Portal: Information on research and funding opportunities, academic and research-related job portals, as well as advice on preparing a research stay or initiating a collaboration with German research organisations. www.research-in-germany.org



German Project Information System (GEPRIS): Online database providing information about all current DFG-funded research projects and contact information for the Principal Investigators. <http://gepris.dfg.de>



German Research Institutions (GERIT): Information on more than 25,000 institutes at German universities and non-university research institutions, searchable by geographic location, subject and other structural criteria. www.gerit.org



Website of the DFG: Further background information about DFG funding programmes, funding guidelines, and lists of currently DFG-funded activities. www.dfg.de



The German Rectors’ Conference (HRK) Research Map: The interactive HRK *Research Map* database provides information on the research priorities that are of strategic institutional importance for each university. www.hrk.de/home (go to → *Research Map*)



The Higher Education Compass: Information on Germany’s higher education institutions, the range of courses and programmes that they offer, their worldwide cooperation, and who to contact locally. www.hochschulkompass.de/en/higher-education-compass





Contact

German Research Foundation (DFG)
DFG Head Office Germany
www.dfg.de
researchmarketing@dfg.de

DFG Deutsche
Forschungsgemeinschaft