MICMoR Fellowship

MICMoR offers supplemental funding for doctoral students performing their research in the MICMoR environment. Resident Fellowships include:

- Fully supported participation in a research training programme in climate change disciplines.
- A top-level research environment & infrastructure at IMK-IFU and partner institutions.
- Sponsorship of conference participation and research visits abroad.
- Structured mentoring through a Thesis Advisory Committee.
- Stimulating work within a scientific community network and exchange with international experts.

Home Institute & Partners

MICMoR is hosted by the Karlsruhe Institute of Technology (KIT) and its Institute of Meteorology & Climate Research, Atmospheric Environmental Research (IMK-IFU) in Garmisch-Partenkirchen. Partners are the Universities of Munich (TUM & LMU), Augsburg, Bayreuth and Würzburg, DLR and Helmholtz Center Munich.

MICMoR's Graduate Programme

The PhD Programme comprises research training, professional preparation, networking with other fellows, mentors and international experts in the climate change field, participation at conferences and research visits abroad.

Summer Schools:
- Broad knowledge of Atmosphere-Biosphere-Pedo-/Hydrosphere Essentials, i.e.
  1. Climate-Earth System Science
  2. Observation and Experimental Methods
  3. Process and Regional Modelling

Technical Short Courses:
- In-depth specialisation & methodic skills; topics adapted to Fellows' needs.

Transferable Skills Courses:
- Professional preparation (e.g. Scientific Writing, Leadership Skills).

Research Forum:
- Exchange within the MICMoR Community.

Research visits and conferences:
- Exchange with international experts.

„Spitzenforscher-Werkstatt“:
- Workshop with top scientists and MICMoR Fellows at Schneefernerhaus / Mount Zugspitze.

About MICMoR

MICMoR is an interdisciplinary graduate programme on Mechanisms and Interactions of Climate Change in Mountain Regions. Especially mountain regions are highly sensitive to climate change, as illustrated by receding glaciers, catastrophic floods or droughts.

As knowledge of such processes is still scarce, the MICMoR Research School aims to improve biophysical understanding of them through a distinct research training programme fostering integrative approaches. MICMoR offers innovative graduate training for doctoral students to prepare them for navigating in a multidisciplinary and highly complex research area.

MICMoR’s research focuses on interfaces of Atmosphere-, Biosphere- and Pdeo-/ Hydro-sphere-processes and studies the impact of a changing climate on

- energy and greenhouse gas fluxes
- water cycle and water availability
- biodiversity and ecosystem functioning.

Methods range from experimental to modelling approaches and remote sensing techniques. Research and research training is conducted in the TERENO prealpine Observatory region (see www.tereno.net).
To become part of this interdisciplinary graduate programme and a member of a highly inspiring Climate Change Research Network, we welcome all interested doctoral students to apply for a MICMoR Fellowship!

**Who can apply?**

Applications are welcome from current or prospective doctoral students with a MICMoR related research focus. MICMoR Fellowships provide supplemental funding to doctoral students, whose base-funding (personal stipend; principal research costs) is secured from other sources. Formal acceptance as a doctoral student and proof of base-funding must be in place by the effective start date of fellowships. Applicants should have a strong interest in interdisciplinary research and an ability to work in an international team.

Candidates for Resident Fellowships, with research emphasis in the TERENO prealpine Observatory region, will be enrolled at one of the partner institutions. Graduate students from doctoral programmes worldwide, are invited to apply for an Associate Fellowship, to cover participation in the research training programme of MICMoR.

**How to apply?**

Applicants to MICMoR are invited to submit their application online at [www.micmor.kit.edu](http://www.micmor.kit.edu). Details about application material and documentation are posted on this website.

**Schedule:**

Start of MICMoR: 01.01.2012  
Next application period: 01.01.-15.02.2013

**MICMoR website**

For more information and current news see the MICMoR website [www.micmor.kit.edu](http://www.micmor.kit.edu) and [www.facebook.com/MICMoR.ResearchSchool](http://www.facebook.com/MICMoR.ResearchSchool)

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