



GIF Young Scientists Meeting (GYSM) on Hazards and Risks

Call for Application

What are the GIF Young Scientists' Meetings?

The GYSM (GIF Young Scientists' Meetings) offer a platform for early-career scientists from both countries who are taking their first steps in academia to meet, become acquainted with each other's work, learn about funding opportunities, and receive the opportunity to discuss their ideas with established scientists in their field of research.

Eligibility

Doctoral students and researchers up to 8* years after receiving their doctoral degree.

Preference is given to young participants who have no prior active funded research cooperation with scientists in the other country.

Hazards and Risks

Our society is more and more confronted with natural and anthropogenic-induced hazards and risks on the environment, which have a tremendous impact. GFZ and UFZ develop and provide application-oriented knowledge required to tackle these challenges. The thematic scope is broad. Hazards include, for example, seismic or volcanic hazards, hazards caused by geomagnetic storms, energetic radiations, extreme weather or hydrological events, such as flash floods, heatwaves, and droughts.

The Hazard and Risk theme does not stand alone but needs a more holistic and inter- or even transdisciplinary approach. To tackle the associated societal dimensions "out of the box" thinking and new approaches are needed. We are committed to support young scientists in their search for novel approaches and to involve and train young scientists in transdisciplinary and cutting-edge research.

Cooperation with Israel Research Institutions at GFZ and UFZ

Cooperation with science institutions in Israel has a long tradition at GFZ and UFZ, notably research linked to the Dead Sea, the Sea of Galilee, the groundwater resources, and paleoclimate. But research landscapes both in Israel and Germany are changing, and the

* Parental leave times and other important reasons for absences (for example health issues, military services etc.) will be considered



Covid restrictions over the last two years have led to a setback of mutual exchange and discussions.

Objectives of the Initiative

The aim of the program is to enable new research collaborations and strengthen existing ones, foster knowledge exchange, and explore new or emerging research topics in the broad field of hazards and risk.

Benefits

For the participants: Gain interdisciplinary experience and bridge domains, learn new skills and expand your research portfolio.

For the participating institutions: Benefit from fresh ideas and methods and build collaborations with your German/Israeli research partner

Participating Institutions

- German Israeli Foundation (GIF)
- Helmholtz-Centre Potsdam GFZ German Research Centre for Geosciences (GFZ)
- Helmholtz Centre for Environmental Research (UFZ)
- Ben-Gurion University of the Negev (BGU)
- Hebrew University Jerusalem (HUJI)
- Helmholtz Association Tel Aviv Office

Workshop management

GFZ undertakes to manage the meeting with its partners. Participants will directly book their plane tickets through our travel agent. The hotel, to be organized by the local host, and pre-approved by GIF, will be paid for directly by GIF.

The application process

Interested young researchers are to send their CV, publication list and the application form with an abstract (max. 2500 characters) on their research interest, and their research question(s) they want to tackle within hazards and risk to bismuth@gfz-potsdam.de. The applications will be reviewed by an evaluation committee made up of members of the participating institutions.

A total of 12 participants, (3 for each participating institution) will be selected (3 GFZ, 3 UFZ, 3 BGU and 3 HUJI).

Another 10 participants (5 from Germany and 5 from Israel) will be selected via an open call through GIF and the GYSM partners.

Deadline for application: 25th November 2022

Review: After a swift review process we aim for a decision by 1st December 2022

The **application form** can be downloaded from the [following link](#)

Elements of the three-day Workshop at the Ben-Gurion University of the Negev

- Keynote lectures on state-of-the-art, and new methods regarding “hazards and risks”
- Information on funding opportunities
- Information on how to work in an intercultural, and interdisciplinary research team
- Poster presentations of the participants on their own research projects, and their research ideas
- Teamwork sessions to elaborate solutions for specific research questions, mentored by senior scientists of the participating institutions
- Networking meeting
- Excursion to the Dead Sea with visits to
 - Nahal Prazim (sinkhole)
 - Flood water hazards to the (Dead Sea Works) canal traversing the active alluvial fan of Nahal Ze'elim
 - Risks due to flash floods intersecting roads exemplified at Nahal Arugot – developing alert systems.

Date and Location of the Workshop

13th to 16th March 2023 at the Ben-Gurion University of the Negev, personal attendance.

Contact and Information

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