

Oceanic Volcanism Workshop

Dienstag, 12. September 2023 - Freitag, 15. September 2023

GEOMAR - Standort Ostufer / GEOMAR - East Shore

Wissenschaftliches Programm

These are the tracks and topics we hope to address with you, splitting up into a number of sessions, breaks, demos and forums. Please also consult the timetable to get an idea where your contribution might fit!

Forum 1 - On Today's Relevance of Oceanic Volcanology

In light of pressing ocean related topics such as plastic waste or global warming, where do we stand as a scientific field? How can we maintain, reformulate or expand its relevance? What are the big questions and answers oceanic volcanism presents to society in terms of hazards and resources? What is your take, initiative, or experience dealing with politics, policies and public opinion?

We hope for lively and spontaneous discussions during our forums. If you like, you may also submit a short structured intervention of <5 minutes.

Forum 2 - Chances for Collaboration - Now and in the Future

We can always do more. Let us unite and brainstorm how we can better collaborate, form or participate in joint initiatives and expeditions, lobby our cause and walk away from this workshop with concrete new scientific alliances and projects!

We hope for lively and spontaneous discussions during our forums. If you like, you may also submit a short structured intervention of <5 minutes.

Intros & Pitches

Wednesday morning we will run a short session asking everybody to introduce themselves, preferably with a single slide.

This is also a good slot for elevator pitches of short duration and general interest.

Recent Events & Campaigns

Tell us about your recent projects or expeditions, something that came up in your work or progress on that big initiative you are involved in. We also have a poster session on recent events and crazy ideas!

Keynote talk: Isobel Yeo (NOC Southampton): The 2021-22 Eruption of Hunga Volcano and the fastest recorded submerged density flows on the planet

Technology, Infrastructure, Methods

Lets talk about the latest developments in surveying, monitoring, analyses or processing, as well as new labs, vehicles, vessels, or initiatives! We also have a poster session on crazy ideas!

Volcanoes - Hazards & Benefits

This track will address threats and hazard potential immediately related to volcanic activity but also the implications of volcanoes in the marine environment. On the other hand, we seek to discuss benefits such as resource potential.

Keynote speaker: Ricardo Ramalho (Cardiff University): Insights into the generation, propagation, and impacts of volcanogenic tsunamis: from Fogo to Tonga

Submarine Volcanism (Co-sponsored by IAVCEI Commission on Submarine Volcanism)

Volcanism under water has some well known but not entirely understood specialties. Here we gather topics dealing with phreatic to very deep submarine volcanic activity.

Keynote speaker: Martin Jutzeler (University of Tasmania): Growth and destruction of modern silicic submarine calderas in the Kermadec arc – lessons learnt from the VULKA 2022 voyage

Volcanism on Ocean Islands

Spanning several focused sessions, this track will unite all topics that even remotely deal with hard rock, sedimentology, geochemistry, petrology, volcano physics, or experimental volcanology - but also any aspect of related sciences!

Volcano Film Fest

Since we operate a state of the art immersive multimedia theatre, we will use it to screen whatever scientific, outreach related, or simply fun media you have and are willing to share! Please get in touch with us in advance so we can make sure the screening runs smoothly. Really - bring anything, from a cellphone clip all the way to a stereoscopic large-format production!