



Photo Credit: Tonga Geological Services

The **Congressional Hazards Caucus**
and
Hazards Caucus Alliance present:



Photo Credit: The Japan Times

Unpredictable & Dangerous: Lessons from the 2022 Tonga Eruption

The surprise 15 January volcanic eruption in Tonga, the largest eruption of the century, produced complex, compounding and cascading disasters—from ash that blanketed the island nation and reached several other South Pacific countries, to tsunami waves that traveled across the entire Pacific Ocean basin and reached the shores of the U.S. thousands of kilometers away. A single volcanic eruption can not only devastate the surrounding area, often causing death, property damage and vast economic losses in its vicinity, but it also has the potential for far reaching, adverse impacts on agriculture, livestock, marine ecosystems and ecotourism, jeopardizing food security and livelihoods.

Our panel of experts, representing academia and federal agencies, will explain the science behind the Tonga eruption and discuss what lessons the research community has taken away so far that could help improve the U.S.'s disaster preparedness and response for future events.

WHEN

Friday, June 24 | 12:00 – 1:00 pm ET

WHERE

Virtual | RSVP here: bit.ly/3MKCUcg

WHO

Moderated by:

Mr. Michael Villafranca
American Geophysical Union (AGU)

Speakers:

Dr. Jacob Lowenstern
Director, Volcano Disaster Assistance Program
USGS Cascades Volcano Observatory

Dr. Steven McNutt
Professor, Dept. of Geosciences
University of South Florida

Dr. Jeffrey Johnson
Associate Professor, Dept. of Geosciences
Boise State University

SPONSORS

- Senator Lisa Murkowski**
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- Representative Don Young (in memoriam)**

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