

**TSUNAMI EVACUATION MAPPING WORKSHOP  
BARBADOS 2022 - LEAD RESOURCE PERSON BIOGRAPHIES**

**MS. ALISON BROME**

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Ms. Alison Brome is the Programme Officer for Coastal Hazards at the UNESCO/IOC-Caribbean Tsunami Information Centre (CTIC) responsible for developing and implementing programmes and activities (in association with partners and Member States) towards the on-going development of all components of the Tsunami and Other Coastal Hazards Warning System for the Caribbean and Adjacent Regions (CARIBE EWS). Ms. Brome has supported the development of the CARIBE EWS since 2008 and forged critical partnerships with National authorities, key technical agencies and donors to advance efforts and educate, build technical capacity and reduce the vulnerability of populations within the region to the tsunami hazard. As part of her involvement, Alison has been actively engaged in piloting and rolling out the established UNESCO/IOC Tsunami Ready

Recognition Programme and eagerly is looking forward to the achievement of the UN Decade Goal of making 100% of vulnerable communities prepared for and resilient to tsunamis by 2030. Fuelling her passion for sustainable development, Ms. Brome holds a Master of Science in Urban Planning from Oxford Brookes University, and a Bachelor of Arts Degree in Geography from the University of the West Indies, Mona. She also possesses certification in human resource management, project management and IT applications.

**MS. CHRISTA VON HILLEBRANDT-ANDRADE**

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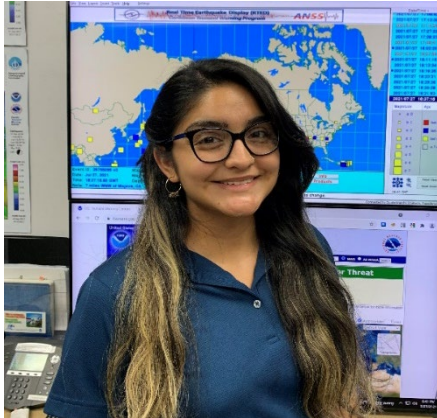
Christa von Hillebrandt-Andrade is the Deputy Director of the International Tsunami Information Center (ITIC) and Manager of its Caribbean Office (formerly known as the Caribbean Tsunami Warning Program) in Mayagüez, Puerto Rico. Christa's work focuses on earthquake and tsunamis with a multi hazard early warning framework and actively engages in scientific, capacity building, outreach, and communication activities. Since 2005 has worked passionately on the implementation of both the US TsunamiReady and the UNESCO/IOC Tsunami Ready programs in the Caribbean and globally, as well as coordinated the regional tsunami exercise CARIBE WAVE since 2011. Christa is Chair of WG 4 (Tsunami Preparedness, Readiness and Resilience) of the

UNESCO/IOC Intergovernmental Coordination Group for Tsunami and Other Coastal Hazards for the Caribbean and Adjacent Regions (CARIBE EWS) and member of the Scientific Committee of the UN Ocean Decade Tsunami Programme, Executive Committee of the International Association of Ocean Physical Sciences and the Scientific Council of the International Geosciences Program of UNESCO (IGCP). She was a Member of the Executive Planning Group/Interim Advisory Board for the UN Decade of Ocean Sciences for Sustainable Development (2021-2030), Chair of the CARIBE EWS (2012-2018) and first

scientist from the Caribbean to preside the Seismological Society of America (2011-2013). In 2021 she was named a Fellow of the American Association for the Advancement of Science and in 2021 and received the SSA Frank Press Public Service Award. Before joining NOAA in 2010, she was director of the Puerto Rico Seismic Network. Christa von Hillebrandt-Andrade, received her BSc from the University of Delaware and holds a Master's Degree from the Escuela Politécnica Nacional (Quito, Ecuador) where she went as a Fulbright Scholar.

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Desiree Bayouth García is a Pathways Student Intern at the International Tsunami Information Center Caribbean Office (formerly known as the Caribbean Tsunami Warning Program) in Mayagüez, Puerto Rico. Her work at ITIC-CAR primarily supports the implementation of the UNESCO/IOC Tsunami Ready Programme in the Caribbean. Desiree obtained her BS in Geology from the University of Puerto Rico Mayagüez Campus in 2019 and is currently a Graduate Research Assistant in the Department of Geology at the same institution. She has had internship experiences with the United States Department of Agriculture, Geological Survey at the Geologic Hazards Science Center and Cascades Volcano Observatory. From these she has obtained

experience in the use of GIS, field work at rainfall and earthquake triggered ground failure sites, landslide, and volcano monitoring stations. Desiree's research interests include applications of remote sensing to geologic hazards and her current academic work focuses on landslide source area and volume scaling in Puerto Rico.

**MR. FABIO RIVERA CERDAS**

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Fabio Rivera Cerdas is a Researcher of the Sistema Nacional de Monitoreo de Tsunamis (SINAMOT) at the National University of Costa Rica (UNCR). In support of the implementation of the Tsunami Ready guidelines in coastal communities in Costa Rica, he developed a methodology for the preparation of tsunami evacuation maps using advanced GIS tools. In addition to Costa Rica he co-designed the tsunami evacuation map for Old Town Harbour, Jamaica (2021). He co-authored with Dr. Silvia Chacon Barrantes and other the Catalogue of Historical Tsunamis in Costa Rica (2021) and the article "Advances in tsunami preparedness at the beginning

of the Ocean Decade: The Costa Rica Case" as well as other papers on tsunami exercises in Costa Rica, Community Preparedness and on the 2021 Kermadec Islands tsunami in Costa Rica. He has attended several tsunami capacity building trainings in the Caribbean and the Americas, including the International Training Programme of the International Tsunami Information Center in Chile. He holds a Bachelor's of Science in Geography Sciences from UNCR and is completing a Masters in Risk Management.