



IPMEN 2023 Conference Abstracts Tuesday July 18th – Morning Session

Strand 2: Linking TEK & Ocean Literacy (tsunamis) – Facilitator: **Tsuyoshi Sasaki**

Pieter Romer (Canada)

Format: Keynote presentation

Presentation Title: Tsunami – 11th Relative

Presenter Bio: Ocean Networks Canada (the University of Victoria) Indigenous Community Liaison, Learning & Community Engagement and member of the Nisga'a Nation.

Sachiko Oguma (Japan)

Format: 15-minute paper presentation

Presentation Title: Traditional knowledge of tsunamis passed down in remote areas

Presentation Description: For Japanese people, their traditional knowledge of tsunamis is less about ecological relationships and more about where to live and how to escape to avoid being hit by a tsunami. This is directly related to peoples' habitation in Principle 6: The ocean and humans are inextricably interconnected. Twelve years have passed since the Great East Japan Earthquake, and while generations of people in the affected areas who do not know about the disaster are learning local lessons, interviews are also being conducted with local people in faraway towns as a way to learn about disaster prevention

Presenter Bio: Presenter is Senior Administrator, Ocean Policy Research Institute, Sasakawa Peace Foundation as a management staff of the Ocean Education Pioneer School Program

Lauren Hudson (Canada)

Format: 5-minute pre-recorded video “lightening” presentation

Presentation Title: Engaging Local Youth Requires Local Knowledge: Earthquakes and Tsunamis from Multiple Perspectives

Presentation Description: Connecting society with Ocean Networks Canada's (ONC) world-class ocean observing infrastructure and data portal ensures that data are relevant and accessible; one-way ONC does this is through educational programming. Hear ONC's story of integrating multiple perspectives into educational workshops about earthquakes and tsunamis, including Indigenous oral histories and firsthand experience with the 1964 tsunami. Express permission was granted to ONC for resharing cultural and personal information. Thoughts for respectful and effective collaboration with local communities will be presented. Gratitude is expressed to the following First Nations: Mowachaht / Muchalaht, Ka:yu:'k't'h' / Che:k'tles7et'h', Quatsino, Ehattesaht/Chinehkint and Nuchatlaht.

Presenter Bio: Lauren Hudson joined ONC's Learning and Community Engagement department as a K-12 Education Coordinator in the summer of 2019 after spending over a decade in the classroom. She is a teacher with a passion for science education. We have so much to learn about our incredible oceans, and Lauren believes that exploring and connecting with the ocean are foundational experiences that will drive us to take care of our planet. As such, Lauren enjoys kayaking and any other activity that gets her outside, from teaching a class outside to cycling and hiking in her spare time.