

New scientific knowledge to guide the **environmental management** and regulatory framework for deep-sea mining



Dr. Jeff Drazen

**Evaluating the nature of
midwater mining plumes
and their potential effects on
midwater ecosystems.**

Dr. Jeffrey Drazen is a deep-sea ecologist and professor in the Oceanography department at the University of Hawaii, Manoa. He has authored and coauthored over 100 scientific articles and book chapters and he has been on 58 research cruises, often as chief scientist. More information on his research can be found at www.deepseafishecology.com.



Dr. Julie Huber

**Microbial Ecosystem Services in
the Deep Sea.**

Julie Huber is an oceanographer and scientist in the Marine Chemistry and Geochemistry department at the Woods Hole Oceanographic Institution. She is interested in how basic earth processes- rocks forming, fluids moving, sediments accumulating- interact to create and maintain microbial life in the oceans. More information on her research can be found at <https://www2.whoi.edu/staff/jhuber/>.



Dr. Verena Tunnicliffe

Spotlight on Hot Vents.

Verena Tunnicliffe is a deep ocean ecologist at the University of Victoria, Canada with 35 years of deep-sea experience exploring remote and extreme habitats.



Supported by:



Drinks and nibbles to be provided

DATE:

Monday February 25th 2019

LOCATION:

Delegates Dining Room, ISA

TIME:

18:10 - 19:10

