

NeSA 12th

International Conference-2021

“Science & Technology:
Way Towards Sustainability”

Guest
Speaker



“Earthquakes in the Himalaya”

Dr. Marriane Karplus

Dr. Karplus is a seismologist and geophysicist researching the structure and tectonics of the Earth's lithosphere using active- and passive-source seismic methods. She is an Assistant Professor of Geological Sciences at University of Texas at El Paso. She holds B.S. in earth science and mathematics from Dartmouth College (2004) and a PhD in geophysics from Stanford University (2012). She is an author/co-author of more than 30 peer-reviewed articles, some of which are published in prestigious journals such as Science Advances and Nature Geoscience. One of her research grants include a study on fault geometries and rupture process in Nepal following the April 25, 2015 Gorkha earthquake.

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