

## **Dr. Ebru Bozdag, Assistant Professor University of Nice Sophia Antipolis, France**



**Bio:** **Ebru Bozdag** is an assistant professor of geophysics at the University of Nice Sophia Antipolis, France. She received her PhD in seismology from Utrecht University, the Netherlands, in 2009 and MSc/BSc degrees in geophysics from Istanbul Technical University, Turkey. Prior to moving to joining the faculty in Nice, she was a postdoctoral research associate, then an associate research scholar at Princeton University, NJ, USA. Her research interests are centred around computational seismology, specifically, she uses 3D seismic wave simulations to improve our understanding of the Earth's interior by linking observed data to advances in theory and numerical methods in wave propagation and optimisation techniques. Her current primary research is dedicated to taking full-waveform inversion forward to image the entire planet

based on 3D spectral-element simulations of wave propagation and adjoint techniques using the ORNL's Cray XK7 Titan system.