

Presentations/conferences

- [1] A Malkoti, A Datta, and SM Hanasoge. H/V amplitude ratio measurement using multicomponent ambient noise cross-correlations and its relationship to V_p/V_s . In *AGU Fall Meeting 2020*, Virtual, 2020.
- [2] Ajay Malkoti and Nimisha Vedanti. Efficient seismic simulation for a highly attenuating media. Montreal, Canada., 2019.
- [3] Nimisha Vedanti and Ajay Malkoti. Petrophysical characterization of two formations of Deccan flood basalt for improved sub-basalt imaging. Montreal, Canada, 2019.
- [4] Ajay Malkoti, Nimisha Vedanti, and R K Tiwari. High fidelity numerical simulation for scalar wave. Banaras Hindu University, Varanasi, India, 2017.
- [5] Rimple Malik Rimple Malik, Ajay Malkoti, Nimisha Vedanti, and VP Dimri. 1-D Full waveform inversion using micro genetic algorithm. Banaras Hindu University, Varanasi, India, 2017.
- [6] Ajay Malkoti, Nimisha Vedanti, Praveen Kunagu, and RK Tiwari. Modeling viscoelastic seismic wave propagation in Deccan flood basalt, western India. In *SEG Technical Program Expanded Abstracts 2015*, pages 3764–3768, New Orleans, USA, 2015. Society of Exploration Geophysicists.
- [7] Nimisha Vedanti*, K.j.p. Lakshmi, Satyajit Dutta, Ajay Malkoti, and O.p. Pandey. Investigation of Petrophysical Properties and Ultrasonic P-and S- Wave attenuation in Deccan Flood Basalts, India. In *SEG Technical Program Expanded Abstracts 2015*, SEG Technical Program Expanded Abstracts, pages 3274–3278, New Orleans, USA, 2015. Society of Exploration Geophysicists.
- [8] Nimisha Vedanti, Ajay Malkoti, Satyajit Datta, and OP Pandey. Elastic properties of ambenali and poladpur formations of DVP: New findings, presented at National conference on Paleogene of the Indian Subcontinent. In *National conference on Paleogene of the Indian Subcontinent*, Birbal Sahni Institute for Palaeobotany, Lucknow, India, 2015.
- [9] Ajay Malkoti. Inversion of well log data for better determination of petrophysical parameters. page 198, Kurukshetra University, Haryana, India, 2014.