

Irfan Ullah (PhD) (Geophysicist)



Contact information: Assistant Professor, Department of Geology Bacha Khan University Charsadda, Pakistan.

E-mail: syed_528@yahoo.com.

Educational Background		
Date	School	Qualification
2013 to 2017	University of Sao Paulo, Brazil.	PhD in Geophysics
2011 to 2013	Quaid-i-Azam University, Islamabad, Pakistan.	M.Phil. in Geophysics
Sep 2011-Oct 2011	GFZ Potsdam, Germany.	Diploma in Earthquake Assessment and Hazard Mitigation.
2008-2010	Quaid-i-Azam University, Islamabad, Pakistan	MSc in Geophysics
2005 to 2007	Islamia collage , Peshawar university, Pakistan.	BSc (Mathematics)

PhD Thesis Title

Near-surface characterization from the H/V spectral curves along with the joint inversion of the ellipticity and dispersion curves

M.Phil. Projects

2-D Seismic Interpretation of Meyal of Punjab.(Upper Indus Basin)

Thickness estimation of soil cover over engineering bedrock through H/V method.

Experience: Assistant professor geophysics Bacha khan university from 05/03/2018 till date.

Software: I usually handled, Gmt , Matlab, Geopsy Mathematica,

Languages

English Fluent in reading, writing and speaking

Urdu Fluent in reading, writing and speaking.

Pashto Native.

Portuguese: reading (medium level), seldom writing and fluent in speaking.

Publications.

Article in scientific journals.

1. Ullah, I., Prado, R.L. Soft sediment thickness and shear-wave velocity estimation from the H/V technique up to the bedrock at meteorite impact crater site, Sao Paulo city, Brazil. Soil Dynamics and Earthquake Engineering, 2017. <https://doi.org/10.1016/j.soildyn.2017.01.015>.
2. Ullah, I., Prado, R.L. & M.Lisa, (2017) . Single-station ellipticity retrieval and its joint inversion with dispersion curve, for a borehole test site . Arab J Geosci 10: 316.<https://doi.org/10.1007/s12517-017-3106-x>.
3. Renato Prado, Irfan Ullah, Espin Fernoíl Isabel, Zanon dos santos, Elis vagner Geophysical investigation of the Colonia structure, Brazil, 2019 <https://doi.org/10.1111/maps.13292>.

Conference and preceding paper.

1. Ullah, I., Prado, R.L. Estimation of shear wave velocity from MASW and H/V joint inversion in a noisy area of Sao Paulo. Oral presentation at 1st Brazilian Symposium on seismology 6-9 December 2015, Brasilia.
2. Ullah, I., Prado, R.L. A relationship between the resonance frequency of Horizontal-to-Vertical Spectral Ratio (HVSR) curve and depth of bedrock for Bebedouro area, Brazil. Poster presentation at 1st Brazilian Symposium on seismology 6-9, December 2015, Brasilia. Poster presentation.
3. Ullah, I., Prado, R.L. Estimation of Shear Wave Velocity from MASW and H/V Joint Inversion in a Noisy Area of Sao Paulo City, Brazil, AGU Fall Meeting, 14-18 December 2015, in San Francisco, California. Poster presentation.
4. Ullah, I., Renato Luiz Prado, Yawar Hayat, Thickness and shear wave velocity measurement of sediment package at meteorite impact crater site of Colonia, Sao Paulo City, Brazil. 2016, VII SimBGf SIMPÓSIO BRASILEIRO DE GEOFÍSICA, At Ouro Preto Minas Gerais, Brazil.
5. Prado, R.L., Ullah, I. Investigation with seismic methods of the sedimentary cover of an astrobleme at outskirts of Sao Paulo City, Brazil. 22nd European Meeting of Environmental and Engineering Geophysics Near Surface Geoscience, 2016.
6. Ullah, I., Prado, R.L. Near Surface shear wave velocity increase trend estimation from dispersion curve and its utilization for H/V curve technique at a sediment filled crater site, Sao Paulo Brazil. IASPEI Regional Assembly Latin - American and Caribbean Seismological Commission - LACSC, 2016 - San Jose, Costa Rica. Poster presentation.