Himangshu Paul

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Employment

July 2019-present	Scientist, CSIR-National Geophysical Research Institute, Hyderabad, India
April 2017 – June 2019	National Post Doctoral Fellow, Institute of Seismological Research, Gandhinagar, Gujarat, India
March 2016 – Mar 2017	Marie-Curie Post Doctoral Fellow, University of Cambridge, Cambridge, UK

Education

2011-2016	PhD Earth Sciences, Indian Institute of Science Education and Research Kolkata, West Bengal, India Thesis title: Crustal structure and earthquakes beneath the Sikkim Himalaya Supervisor: Prof. Supriyo Mitra
2009-2011	M. Tech Computational Seismology, First class 3rd position Tezpur University, Assam India
2007-2009	M. Sc. Nanoscience & Technology First class 4th position Tezpur University, Assam, India
2004-2007	B. Sc Physics First class 9th position D.R. College (under Dibrugarh University) Assam, India

Awards and achievement

2016	Awarded Marie Skłodowska-Curie ITN Experienced Researcher award from European Commission
2017	Awarded National Post Doctoral Fellowship from Department of Science and Technology (DST), India
2013	CSIR-NET (LS) in Earth, Atmospheric, Ocean and Planetary Sciences. AIR: 26
2011	CSIR-NET (LS) in Physical Sciences. AIR: 253

Professional membership

2013-present	Member, American Geosciences Union (AGU)
2018-present	Member, European Geosciences Union (EGU)
2020-present	Member, Indian Society of Earthquake Science (ISES)

SCI publications

- **Paul, H.** and Ravi Kumar, M. (2022). Strong influence of tomographic models on geoid prediction: Case studies from Indian Ocean and Ross Sea geoids. ***Tectonophysics*** 836, 229429.
- Cook, K. L., Rekapalli, R., Dietze, M., Pilz, M., Cesca, S., Purnachandra Rao, N., Srinagesh, D., **Paul, H.,** Metz, M., Mandal, P., Suresh, G., Cotton, F., Tiwari, V. M., and Hovius, N. (2021) Detection and potential early warning of catastrophic flow events with regional seismic networks, ***Science*** 374, 87-92.
- **Paul, H.**, Ravi Kumar, M. and Kumar, S. (2021). Evidence for reactivation of new faults and seismicity migration away from the causative fault of the 2001 M_W 7.7 Bhuj earthquake, western India, ***Geophy. J. Int.*** 225, 1800-1813.
- **Paul, H.,** Pandey, A., Ravi Kumar, M. and Kumar, S. (2021). Investigation of crustal thickness and uppermost mantle velocity beneath Gujarat, western India, utilizing Moho reflected P phases, ***Phy. Earth Planet. Int.*** 310, 106619**.**
- **Paul, H.**, Priestley, K., Powali, D., Sharma, S., Mitra, S., and Wanchoo, S. (2018). Signatures of the existence of frontal and lateral ramp structures near the Kishtwar Window of the Jammu and Kashmir Himalaya: Evidence from microseismicity and source mechanisms, ***Geochem. Geophys. Geosys.*** 19(9), 3097-3114.
- **Paul, H.**, Ravi Kumar, M., Tiwari, V. M., Singh, A., Chadha, R. K., and Srinagesh, D. (2018). Density contrast across the Moho beneath the Indian Shield: Implications for isostasy, ***J. Asian Earth Sci.*** 154, 67-81.
- **Paul, H.** and Mitra, S. (2017). Three-dimensional crustal architecture beneath the Sikkim Himalaya and its relationship to active deformation, ***J. Geophys. R.*** 122(10), 7860-7878.

- **Paul, H.**, Mitra, S., Bhattacharya, S. N. and Suresh, G. (2015). Active transverse faulting within underthrust Indian crust beneath the Sikkim Himalaya, ***Geophy. J. Int.*** 201(2), 1070-1081.
- Mitra, S., **Paul, H.**, Kumar, A., Singh, S. K., Dey, S. and Powali, D. (2015). The 25 April 2015 Nepal earthquake and its aftershocks, ***Curr. Sci.*** 108(10), 1938-1943.