Dr. Chinmay Haldar
Scientist "B"
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Google Scholar Page: https://scholar.google.com/citations?user=uQ7e2x4AAAAJ&hl=en

Field of SPECIALIZATION: Seismology, Receiver Function, Geodynamics, Converted Wave Technique

EDUCATION:

Certificate	Year of passing	University / Board	Institute / College / School
PhD	2017	Academy of Scientific and Innovative Research (AcSIR), India	CSIR – National Institute of Scientific Research.
M.Sc Tech	2012	Indian Institute Technology (IIT- ISM), India	IIT (ISM), Dhanbad
B.Sc (Physics Hons.)	2009	Burdwan University, India	Katwa College

PROFESSIONAL EXPERIENCE:

Name of the Organization	Duration	Position Held
Wadia Institute of Himalayan Geology (**WIHG**), Dehradun, India	November 2020 to Present	Scientist "B"
National Geophysical Research Institution (**NGRI-CSIR**), India	February 2019 - October 2020	Project Scientist
Institute of Seismological Research (**ISR**), Raisan, Gandhinagar, India	April 2016 – February 2019	Scientist "B"
National Geophysical Research Institution (**NGRI-CSIR**), India	July 2012 – March 2016	Senior Research Fellow
National Geophysical Research Institution (**NGRI-CSIR**), India	July 2012 – July 2014	Junior Research Fellow (CSIR NET JRF - 2011)

SERVICES:

M.Sc Dissertation: 18 (Eighteen)

International/National Seminars/Workshop:

1. IGU, 49th Annual Convection, PDPU, 29 – 31 October 2012, Gandhinagar, India.

2. "Use of e-infrastructures for Advanced Seismic Hazard Assessment in Indian Subcontinent" at Institute of Seismological Research (ISR), 4-7 February 2013, Gandhinagar, India.

3. IGU, 51st Annual Convection, 19-21 Nov 2014, Kurukheshtra, India.

4. 50th Research Council Meeting of CSIR-NGRI, 10th May 2014, Hyderabad, India.

5. IGU, 53rd Annual Convection, 8 – 10 Nov 2016, IIT (ISM), Dhanbad, India.

6. 8th Nepal Geological Congress, 27 – 29 Nov 2016, Kathmandu, Nepal.

7. 5th Scientific Advisory Committee (SAC) meeting at Institute of Seismological Research, 11th September 2017, Gandhinagar, India.

8. Emerging Trends in Geophysical Research for Make in India (ETGRMI), 09-11 March 2018, IIT(ISM), Dhanbad, India.

9. Research Council Meeting of CSIR-NGRI, 4th June 2019, Hyderabad, India.

10. FIGA, 2nd Triennial Congress, 13-16 October 2019, CSIR-NGRI, Hyderabad, India.

11. 42nd Annual Convention and Seminar on Exploration Geophysics, 1-3 December 2021, Dehradun, India.

13. IGU, 58th Annual Convention, 2-4 February 2022, NEHU, Shillong, India.

14. FIGA, 3rd Triennial Congress, 16-18 November 2022, WIHG, Dehradun, India.

AWARDS/FELLOWSHIPS/HONORS/MEMORIAL LECTURES:

a. Awards/Medals/Prizes:

1. Awarded with registration support under the special registration support program (SRSP) from **36th International Geological Congress (IGC)** to present research work at International Geological Congress (IGC), 2020.

2. Awarded with UGC – Senior Research Fellow, July 2014.

3. Awarded with UGC – Junior Research Fellow, July 2014.

4. Got Special Talent Cash Award from The State Fisheries Development Corporation Limited, West Bengal, 2009.

b. Recognition/Honors:

1. Qualified **CSIR-UGC JOINT National Eligibility Test** (NET) with Junior Research Fellow (**JRF**) having All India Rank (AIR)-71 in Earth, Atmospheric, Ocean and Planetary Science, December 2011.

2. Qualified **Graduate Aptitude Test in Engineering (GATE)** in Geology and Geophysics (GG) for the years **2012, 2015, 2016, and 2017.**

4. Qualified All India **B-Tech** Entrance Examination, Jadavpur University, 2009.

5. Secured 1st position at **Academy of Scientific and Innovative Research (AcSIR), CSIR-NGRI** Ph.D. coursework examination.

6. Participated in a project entitled "Earthquake Awareness in and around Hyderabad of Telangana State, India" under the CSIR-800 Societal Programmed for 2 months.

7. Got selected for the CSIR-NGRI cricket team out of 200 students. Played two times 45th and 47th Shanti Swaroop Bhatnagar Memorial Tournament (**SSBM**T) conducted by CSIR in 2013 and 2015.

LIST OF PUBLICATIONS

SCI Papers

2023

1. **Haldar, C**., Sain, K., P-receiver function technique, **Himalayan Geology**, 44 (1), 106-116, 2023 **(I.F – 1.6)**.

2022

2. **Haldar, C.,** Sain, K., Kumar, S., Seismic imaging of intra-crustal low-velocity layer beneath the Kishtwar region, North-West Himalaya, India using receiver function technique, **Himalayan Geology**, 43, 1A, 1-11, 2022 **(I.F – 1.6)**.

3. Tiwari, A., Sain, K., Kumar, A., Tiwari, J., Paul, A., Kumar, N., **Haldar, C.**, Kumar, S., Pandey, C. P. Potential seismic precursors and surficial dynamics of a deadly Himalayan disaster: an early warning approach, **Scientific Reports**, https://doi.org/10.1038/s41598-022-07491-y, 2022 **(I.F – 4.379).**

4. **Haldar, C.,** Kumar, P., Pandey, O.P., Sain, K., Kumar, S., Lower crustal intraplate seismicity in Kachchh region (Gujarat, India) triggered by crustal magmatic infusion: Evidence from shear wave velocity contrast across the Moho, **Geosystems, and Geoenvironment**, 1, 100073, 2022.

2021

5. Bhaskar, I., Reshma, K., Kumar, P., Srinagesh, D., **Haldar, C.,** Kumar, S. and Mandal, P., Pn Tomography and Anisotropic Study of the Indian Shield and the Adjacent Regions, **Tectonophysics**, 813, https://doi.org/10.1016/j.tecto.2021.228932, 2021 **(I.F – 3.934)**.

6. Srinu, U., Kumar, P., **Haldar, C.**, Kumar, M. R., Srinagesh, D., & Illa, B. (2021). X-discontinuity beneath Indian Shield—Evidence for remnant Tethyan oceanic lithosphere in the mantle. **Journal of Geophysical Research: Solid Earth,** 126, e2021JB021890. https://doi.org/10.1029/2021JB021890 (**I.F – 4.39)**.

7. Kumar, S, Sain, K., Parija, M., Sushil, R., Tiwari, A., **Haldar, C.**, Bhan, U., Re-Appraisal of Seismicity and Seismotectonics of Himalaya, India: A Review of Historical and Current Status, Incorporating Jour. Ind. Geol. Cong., Vol.12(2) and 13(1&2), 45-60, 2021.

2018

8. **Haldar, C.**, P. Kumar, M. R. Kumar., L. Ray and Srinagesh, D., Seismic evidence for secular evolution and alteration of Archaean crust in Indian shield, **Precambrian Research**, 304, 12-20, 2018 **(I.F – 4.834)**.

2014

9. Haldar, C., Kumar, P., and Kumar, M. R., Seismic structure of the lithosphere and upper mantle beneath the ocean islands near mid-oceanic ridges, **Solid Earth** 5 (doi:10.5194/se-5-1-2014), 327-337, 2014 **(I.F – 3.95)**.

10. Kumar, P., Sen, M. K., and **Haldar, C.**, Estimation of shear velocity contrast from transmitted Ps amplitude variation with ray-parameter, Geophys. J. Int., doi: 10.1093/gji/ggu213, 198, 1431–1437, 2014 **(I.F – 3.352)**.