

Dr. Chinmay Haldar
Scientist “B”

Wadia Institute of Himalayan Geology
Dehradun, Utrakhand
Phone: 08501889389
E-mail: chinmay.haldar@gmail.com



Google Scholar Page: <https://scholar.google.com/citations?user=uQ7e2x4AAAAJ&hl=en>

FIELD OF SPECIALIZATION: SEISMOLOGY: RECEIVER FUNCTION, GEODYNAMICS

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 - August 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 :2 (Two)

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, Kurukhshetra, 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, 43, 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, Shilong, India.

AWARDS/FELLOWSHIPS/HONORS/MEMORIAL LECTURES:

a. Awards/Medals/Prizes:

1. Awarded with registration support under 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 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 PhD** course work examination.

6. Participated in the 2 months project work entitled “Earthquake Awareness in and around Hyderabad of Telengana State, India” under CSIR-800 Societal Programme.

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

LIST OF PUBLICATIONS

SCI Papers

1. **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 – 3.495).

2. 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 – 2.777).

3. **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, Precam. Res., 304, 12-20, 2018 (I.F – 4.834).

4. Bhaskar, I., Shama, 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).

5. 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 – 3.848).
6. **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).
7. 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).
8. 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.