

DR. CHINMAY HALDAR, SCIENTIST-'B', WIHG ,DEHRADUN



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

RESEARCH GROUP: 2D (GEOPHYSICS STRUCTURAL GEOLOGY)

FIELD OF SPECIALIZATION: RECEIVER FUNCTION, SEISMOLOGY, 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)

VISITING POSITIONS:

TEACHING EXPERIENCE:

SERVICES:

M.Sc Dissertation :2 (Two)

d. Membership:

Life member of Indian Geophysical Union (IGU), India.

e. Editorial Board:

f. International/National Seminars/Workshop:

1. IGU, 49th Annual Convection, PDPU, Gandhinagar, 29 – 31 October, 2012.
2. “Use of e-infrastructures for Advanced Seismic Hazard Assessment in Indian Subcontinent” at Institute of Seismological Research (ISR), 2013.
3. IGU, 43, 51st Annual Convection, Kurukhshetra, 19-21 Nov, 2014.
4. 50th Research Council Meeting of CSIR-NGRI, 10th May, 2014.
5. IGU, 43, 53rd Annual Convection, IIT (ISM), Dhanbad, 8 – 10 Nov, 2016.
6. 8th Nepal Geological Congress, Kathmandu, Nepal, 27 – 29 Nov, 2016.
7. 5th Scientific Advisory Committee (SAC) meeting at Institute of Seismological Research, Gandhinagar, 11th September, 2017.
8. ETGRMI, IIT(ISM), Dhanbad, 09-11 March, 2018.
9. Research Council Meeting of CSIR-NGRI, 4th June, 2019.
10. FIGA, 43, 2nd Triennial Congress, CSIR-NGRI, Hyderabad, 13-16 October, 2019.
11. 36th International Geological Congress (IGC), Delhi, 02-08 March, 2020.

g. External Research Fund received & Project Handled:

h. Member of important Committees:

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. Fellowships: CSIR NET Junior Research Fellow (JRF- 2011)

c. Memorial Lectures:

d. 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.

COUNTRIES VISITED:

INTERNATIONAL COLLABORATION:

1. Prof. Mrinal K. Sen
Professor and Jackson Chair in Applied Seismology
UTIG and the Dept. of Geological Sciences
The University of Texas at Austin

NATIONAL

1. DR. PRAKASH KUMAR
Senior Principal Scientist, Passive Seismology Group
CSIR-National Geophysical Research Institute

2. DR. M.RAVI KUMAR
Director General (DG)
Institute of Seismological Research

PATENT -

SCHOLARSHIPS AWARDED, GATE

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.**

PH.D. ADVISOR:

LIST OF PUBLICATIONS

(a) 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 – 3.834).

Under Revision

1. **Haldar, C.,** P. Kumar, M. R. Kumar., L. Ray, The shear-wave velocity contrast across the crust-mantle transition in India, *Geophys. J. Int.*, 2020.
2. **Haldar, C.,** P. Kumar and M. R. Kumar, Lower Crustal Intraplate seismicity in Kachchh, Gujarat, India - region triggered by magmatic activity – Evidence from shear wave velocity contrast across Moho, *Pure and Applied Geophysics*, 2020.

3. I. Bhaskara Rao, K. S. Reshma, Prakash Kumar, D. Srinagesh, **Haldar, C.** and Prantik Mandal, Anisotropic Pn Tomography in the Indian subcontinent, Geophys. J. Int., (Under Revision), 2019.

4. Srinu, U., Kumar, P., **Haldar, C.**, Kumar, M. R. and Srinagesh, D., The X-discontinuity in the Indian Shield, Geology, 2020.

(b) Non-SCI Articles

(c) Chapter in Books

(d) Books-authored/Edited volume:

(e) Abstract volume:

(f) Reports/Other Documents:

(g) Articles in Proceeding Volumes