

DR. SUBHOJIT SAHA, SCIENTIST-B, WIHG, DEHRADUN, INDIA

Google Scholar Page: <https://scholar.google.co.in/citations?user=FUXdTeUAAAAJ&hl=en>

ResearchGate Page: <https://www.researchgate.net/profile/Subhojit-Saha-2>

RESEARCH GROUP: SEDIMENTOLOGY

FIELD OF SPECIALIZATION: SEDIMENTOLOGY, SEQUENCE STRATIGRAPHY

EDUCATION:

Degree	University	Year
Ph.D.	University of Delhi	2017
M.Sc.	Bengal Engineering and Science University (BESU), Kolkata	2010
B.Sc.	Burdwan University	2008

PROFESSIONAL EXPERIENCE:

Position	Organization	Duration
Scientist-B	Wadia Institute of Himalayan Geology, Dehradun, India	November 2020- present
DST INSPIRE Faculty	Wadia Institute of Himalayan Geology, Dehradun, India	May 2019- November 2020
SERB N-PDF	IIT Kharagpur, Kharagpur, India	March 2017- March 2019

SERVICES:

a. Supervision/Guidance to Ph.D. Students: 01 (ongoing)

b. Training: 05 summer trainee (ongoing)

c. Editorial Board: Reviewer in Journal of Earth System Science, Geological Journal, Himalayan Geology.

d. International/National Seminars/Workshop:

- National Conference & Field Workshop on Precambrians of India, Bundelkhand University & The Society of Earth Scientists, Jhansi, 2016.
- The 1st Japan-Korea SHRIMP meeting Higashi-Hiroshima, Japan, 2015.
- XII International Symposium on Antarctic Earth Sciences, Goa. 2015.
- International Seminar on Magmatism and Mineralization (MTM-2014), International Association for Gondwana Research Conference Series 18, Nainital. 2014.
- International Symposium on Precambrian Accretionary Orogens and Field Workshop in the Dharwar Craton, Delhi. 2011.

e. External Research Fund received & Project Handled:

- SERB N-PDF project (4 Lakhs).
- DST INSPIRE Faculty Project (35 lakhs).

AWARDS/FELLOWSHIPS/HONORS/MEMORIAL LECTURES:

- INSPIRE Fellowship, DST, 2011
- SERB National Post Doctoral Fellowship, 2017
- DST INSPIRE Fellowship, 2019

a. Awards/Medals/Prizes:

- M.Sc. 1st rank

COUNTRIES VISITED:

Country	Place and Purpose	Duration
Japan	Hiroshima University, SHRIMP analysis	1 month (July 2013)
Japan	Hiroshima University, DST-JSPS collaborative Research	15 days (March 2015)

NATIONAL/INTERNATIONAL (outside CSIR-NGRI) COLLABORATION:

- Dr. Kaushik Das, Hiroshima University, Japan
- Prof. Partha Pratim Chakraborty, University of Delhi, India
- Dr. Melinda Kumar Bera, IIT Khargpur, India

Inside WIHG Collaborator:

- Dr. Som Dutt

LIST OF PUBLICATIONS**(a) SCI Papers**

- **Subhojit Saha**, Som Dutt, Rasikh Barkat. Enigmatic molar-tooth structures (MTS) from Mesoproterozoic Deoban limestone, NW-Lesser Himalaya: Evidence for microbial decay and in-situ precipitation. *Journal of Earth System Science* 130, 99, 2021.
- Partha Pratim Chakraborty, Aditi Sharma, **Subhojit Saha**. Deformation features from some Proterozoic (Purana) basins of peninsular India: do they record any story on Precambrian 'Supercontinent'? *Indian Journal of Geosciences*, v. 74, 371-380, 2020.
- Rasikh Barkat, Partha Pratim Chakraborty, **Subhojit Saha**. Alluvial architecture, paleohydrology and provenance tracking from the Neoproterozoic Banganapalle Formation, Kurnool Group, India: an example of continental sedimentation before land plants. *Precambrian Research*, v. 350 (105930), 2020.
- Sarbani Patranabis-Deb, **Subhojit Saha**. Geochronology, paleomagnetic signature and tectonic models of cratonic basins of India in the backdrop of Supercontinent amalgamation and fragmentation. *Episodes*, v.43, 145-163, 2020.
- Partha Pratim Chakraborty, Sampat K. Tandon, **Subhojit Saha**. Development of Phanerozoic sedimentary basins of India. *Journal of Asian Earth Sciences*, v. 184 (103991), 2019.
- Partha Pratim Chakraborty, **Subhojit Saha**, Kaushik Das. Record of continental to marine transition from the Mesoproterozoic Ampani basin, Central India: An exercise of process-based

sedimentology in a structurally deformed basin. *Journal of Asian Earth Sciences*, v. 143, 122-140, 2017.

- **Subhojit Saha**, Kaushik Das, Hiroshi Hidaka, Kosuke Kimura, Partha Pratim Chakraborty, Yasutaka Hayasaka. Detrital zircon geochronology (U-Pb SHRIMP and LA-ICPMS) from the Ampani Basin, Central India: Implications for provenance and Mesoproterozoic tectonics at East Indian cratonic margin. *Precambrian research*, v. 281, 363-383, 2016.
- Partha Pratim Chakraborty, **Subhojit Saha**, Priyabrata Das. Geology of Mesoproterozoic Chhattisgarh Basin, Central India: current status and future goals. Precambrian Basins of India: Stratigraphic and Tectonic Context, *Geological Society, London, Memoirs*, v. 43, 185-205, 2015.
- Kaushik Das, Partha Pratim Chakraborty, Yasutaka Hayasaka, Masahiro Kayama, **Subhojit Saha**, Kosuke Kimura. c. 1450 Ma regional felsic volcanism at the fringe of the East Indian Craton: constraints from geochronology and geochemistry of tuff beds from detached sedimentary basins. Precambrian Basins of India: Stratigraphic and Tectonic Context, *Geological Society, London, Memoirs*, v. 43, 207-221, 2015.
- **Subhojit Saha**, Kaushik Das, Partha Pratim Chakraborty, Priyabrata Das, Subrata Karmakar, Manish A. Mamtani. Tectono-magmatic evolution of the Mesoproterozoic Singhora basin, central India: Evidence for compressional tectonics from structural data, AMS study and geochemistry of basic rocks. *Precambrian research*, v. 227, 276-294, 2013.
- Partha Pratim Chakraborty, Kaushik Das, **Subhojit Saha**, Priyabrata Das, Subrata Karmakar, Manish A. Mamtani. Reply to the discussion of Deb (2013) on the paper of Saha et al. (2013) entitled; Tectono-magmatic evolution of the Mesoproterozoic Singhora basin, central India: Evidence for compressional tectonics from structural data, AMS study and geochemistry of basic rocks'. *Precambrian research*, v. 236, 297-302, 2013.
- Partha Pratim Chakraborty, Priyabrata Das, Kaushik Das, **Subhojit Saha**, S. Balakrishnan. Regressive depositional architecture on a Mesoproterozoic siliciclastics ramp: Sequence stratigraphic and Nd isotope evidences from Bhalukona Formation, Singhora Group, Chhattisgarh Supergroup, Central India. *Precambrian Research*, v. 200-203, 129-148, 2012.
- Partha Pratim Chakraborty, Priyabrata Das, **Subhojit Saha**, Kaushik Das, Shruti Ranjan Mishra, Pritam Paul. Microbial mat related structures (MRS) from Mesoproterozoic Chhattisgarhand Khariar basins, Central India and their bearing on shallow marine sedimentation. *Episodes*, v. 35, 513-523, 2012

(b) Chapter in Books

- Kaushik Das, Partha Pratim Chakraborty, Kenji Horie, Yukiyasu Tsutsumi, **Subhojit Saha**, S. Balakrishnan. Detrital Zircon U-Pb Geochronology, Nd Isotope Mapping, and Sediment Geochemistry From the Singhora Group, Central India: Implications Toward Provenance, Its Shift, and Regional Stratigraphic Correlation. Sediment Provenance: Influences on Compositional Changes from Source to Sink, *Elsevier Book Chapter*, 15, 403-451, 2017.
- Partha Pratim Chakraborty, Sampat K. Tandon, Sagnik Basu Roy, **Subhojit Saha**, Pritam Paul. Proterozoic sedimentary basins of India. *Geodynamics of Indian Plate. Springer (145-177)*, 2020.