

**DR. ADRITA CHOUDHURI**

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### **Present Status**

Scientist C in Birbal Sahni Institute of Palaeosciences, Lucknow-226007 (July 2024 to present)

### **Research Interest**

Sedimentology, Precambrian Geobiology, Sequence Stratigraphy, Basin Evolution

### **Academic Background**

1. Scientist B in Birbal Sahni Institute of Palaeosciences, Lucknow-226007 (June 2021 to June 2024)
2. Post-doctoral experience in the **University of Poitiers, France** (with Prof. Abderrazak El Albani; From January 2023 to April 2023)
3. Post-doctoral experience in the **University of Poitiers, France** (with Prof. Abderrazak El Albani; From January 2020 to May 2020)
4. Post-doctoral experience as **DST INSPIRE faculty** in the Department of Earth Sciences, **IISER-Kolkata** (April 2018 to June 2021).
5. Ph.D. (11<sup>th</sup> October 2017), Facies, Facies Tracts, Sequence Building in Parts of Two Proterozoic Basins, India (Under the supervision of Prof. Subir Sarkar), Jadavpur University, Kolkata, India.
6. M.Sc. (2012), Applied Geology, Jadavpur University, Kolkata, India.
7. B.Sc. (2010), Geological Sciences, Jadavpur University, Kolkata, India.

<b>EDUCATIONAL QUALIFICATION</b>	<b>DISCIPLINE</b>	<b>YEAR</b>	<b>BOARD / INSTITUTION</b>	<b>MARKS OBTAINED (%)</b>
<b>Post Graduate (2 years)</b>	Master in Science in Applied Geology	2012	Jadavpur University, Kolkata	76% (1 <sup>st</sup> class)
<b>Graduate (3 years)</b>	Bachelor in Science (Honors in Geology), Physics, Mathematics, Computer Application	2010	Jadavpur University, Kolkata	77.75% (1 <sup>st</sup> class with distinction)
<b>Higher Secondary Examination (12<sup>th</sup> standard)</b>	Bengali, English, Physics, Chemistry, Biology, Mathematics	2007	West Bengal Board of Higher Secondary Education	79%
<b>Madhyamik Examination (10<sup>th</sup> standard)</b>	Bengali, English, Physical Science, Life Science, Mathematics, Geography, History, Pisciculture(additional)	2005	West Bengal Board of Secondary Education	89%(64 <sup>th</sup> rank within the State)

## **Publications (Full Articles)**

- **Choudhuri, A., Koner, A., 2026.** Fluvial to marginal marine transition and their spatial variation in response to tectonics and sea-level fluctuations: Evidences from the Late Cretaceous Mahadek Formation, southern Shillong Plateau, NE India. *Accepted* in *Journal of Earth System Science*.
- **Choudhuri, A., Plummer, P. S., Ghnahlalla, M., Albani, A. El, Sarkar S., Bouougri E. H., Reisberg, L., Kumar, A., Bose, T., 2026.** New trail-like features associated with microbial mats from the early Neoproterozoic Sirbu Shale Member (Upper Vindhyan Group), Vindhyan Basin, central India. *Australian Journal of Earth Sciences*, 73, 132-153, <https://doi.org/10.1080/08120099.2025.2586733>.
- Mondal, I., **Choudhuri, A., Roy Choudhury, T., Srimani, S., Koner, A., Mandal, S., Sarkar, S., 2025.** Sedimentology, sequence stratigraphy and geochemical reappraisal of the Mesoproterozoic Rampur Shale, Vindhyan Basin, India: Implications for paleoenvironment and basin evolution. *Journal of Palaeogeography*, <https://doi.org/10.1016/j.jop.2025.100259>.
- **Choudhuri, A., Uddandam, P.R., Nag, D., 2024.** Evolution of a confined gravelly river to a braided-meandering river in the Late Cretaceous Khasi Group, southern Shillong Plateau, NE India. *Journal of Palaeogeography*, 13, 754-774. <https://doi.org/10.1016/j.jop.2024.08.003>.
- Nag, D., Sangode, S.J., Singh, S.P., Uddandam, P.R., **Choudhuri, A., Phartiyal, B., Prasad, V., 2024.** Magnetostratigraphy and rock magnetic studies on the Cretaceous-Palaeogene transition strata along the UmSohryngkew River, Therriaghat, Meghalaya, India. *Geological Journal*, 59, 3048-3067. DOI. 10.1002/gj.5046.
- Mandal, S., Srimani, S., Mondal, I., **Choudhuri, A., Das, A., Das, K., Banerjee, S., Sarkar, S., 2024.** Seismic-aseismic impact on marine depositional dynamics and sedimentary architecture: Study on multilayer-multiscale SSDS in Proterozoic Rohtas Limestone, India. *Sedimentary Geology*, 467, 1-12
- Halla, J., Noffke, N., Reis, H., Awramik, S., Bekker, A., Brasier, A., Callefo, F., **Choudhuri, A., et al., 2024.** Ratification of the base of the ICS Geological Time Scale: the Global Standard Stratigraphic Age (GSSA) for the Hadean lower boundary. *Episodes*, 57, 1-9. <https://doi.org/10.18814/epiugs/2024/024002>
- **Choudhuri, A., El Albani, A., Mandal, S., Sarkar, S., 2023 b.** Biotic vs abiotic origin of unusual features from Mesoproterozoic of Vindhyan Supergroup, India. *Annales de Paléontologie*, 109, 1-12.
- **Choudhuri, A., Mandal, S., Bumby, A., Pillai, S.S.K., 2023 a.** Glacial sedimentation in Northern Gondwana: insights from the Talchir Formation, Manendragarh, India. *Geological Magazine*, 160, 1228-1240.
- **Choudhuri, A., Koner, A., Sarkar S., 2022.** Imperfection of stratigraphic record. *Journal of Palaeontological Society of India*, 67, 1-11.
- **Choudhuri, A. 2020.** Implications of microbial mat induced sedimentary structures (MISS) in carbonate rocks: An insight from Proterozoic Rohtas Limestone and Bhandar Limestone, India. *Journal of Earth System Science*, 129, 151, <https://doi.org/10.1007/s12040-020-01416-x>.
- **Choudhuri, A., Banerjee, S., Sarkar, S., 2020.** A review of biotic signatures within the Precambrian Vindhyan Supergroup: Implications on evolution of microbial and metazoan life on Earth. *Journal of Mineralogical and Petrological Sciences*, 115, 162-174.

- **Choudhuri, A.**, Schieber, J., Sarkar, S., Bickford, M.E., Basu, A., **2020**. The “Lower Kaimur Porcellanite” (Vindhyan Supergroup) is of sedimentary origin and not tuff. *Journal of the Geological Society of India*, 95, 17-24.
- Mandal, S., **Choudhuri, A.**, Mondal, I., Sarkar, S., Chakraborty, P.P., Banerjee, S., **2019**. Revisiting the boundary between lower and upper Vindhyan, Son valley, India. *Journal of Earth System Science*, 128, 222, <https://doi.org/10.1007/s12040-019-1250-2>
- Sarkar, S., **Choudhuri, A.**, Mandal, S., Bose, P.K., **2018**. Flat-pebbles and their edgewise fabric in relation to 2-D Microbial Mat. *Geological Journal*, 54, 2566-2587 DOI: 10.1002/gj.3312.
- Chakraborty, N., Mondal, A., **Choudhuri, A.**, Mandal, S., Sarkar, S., **2018**. Indigenous siliciclastic and extraneous polygenetic carbonate facies in the Albian-Turonian Karai Shale, Cauvery Basin, India. *Carbonates and Evaporites*. 33, 561-576.
- **Choudhuri, A.**, Sarkar, S., Altermann, W., Mukhopadhyay, S., Bose, P. K., **2016**. Lakshanhatti stromatolite, India: biogenic or abiogenic? *Journal of Palaeogeography*, 5, 292-310.
- Sarkar, S., **Choudhuri, A.**, Mandal, S., Erikson, P.G., **2016**. Microbial mat-related structures shared by both siliciclastic and carbonate formations. *Journal of Palaeogeography*, 5, 278-291.
- Sarkar, S., **Choudhuri, A.**, Banerjee, S., van Loon, A.J., Bose, P.K., **2014**. Seismic and non-seismic soft-sediment deformation structures in the Proterozoic Bhandar Limestone, central India. *Geologos*, 20, 89-103.
- Mukhopadhyay, S., **Choudhuri, A.**, Samanta, P., Sarkar, S., Bose, P.K., **2014**. Were the hydraulic parameters of Precambrian rivers different? *Journal of Asian Earth Sciences*, 91, 289–297.

### **Book Chapters**

- Mondal, I., Koner, A., **Choudhuri, A.**, Sarkar S., 2022. Paleoenvironmental Dynamics in a Mesoproterozoic Epicontinental Sea, Faded Shale, Son Valley, India (In) J. S. Armstrong-Altrin et al. (eds.), *Geochemical Treasures and Petrogenetic Processes*, Springer Nature Singapore Pte Ltd. [https://doi.org/10.1007/978-981-19-4782-7\\_11](https://doi.org/10.1007/978-981-19-4782-7_11). Pg. 279-313.
- Mukhopadhyay, S., **Choudhuri, A.**, Chakraborty, N., Sarkar, S., 2019. Aseismic tectonism-induced soft-sediment deformation in a tranquil palaeogeography: Chikkshelikere Limestone Member, India. (In) *Geological Evolution of Precambrian Indian Shield, SES series*, Springer. Pg. 351-372, <https://doi.org/10.1007/978-3-319-89698-4>.

### **Abstracts in conference volumes**

- Mandal, S., Roy, P., Singh, P., **Choudhuri, A.**, Mondal, I., Srimani, S., 2025. Origin of Soft-Sediment Deformation Structures at Multiple Stair of Multi-phase Progradational Sequence (Chorhat Sandstone, Vindhyan Basin, India): Sequel of Rifting-storm in Proterozoic Ocean Sediment Dynamics and Architecture. National Conference on “Dynamic Processes of the Earth”. p. 84.
- **Choudhuri, A.**, 2024 b. Wave-dominated clastic shoreline with tidal imprint: a unique coast of the Late Cretaceous Mahadek Formation, southern Shillong Plateau, NE India. *40th Convention of the Indian Association of Sedimentologists (IAS) &*

*National Conference on "An Odyssey of Sedimentology from Precambrian to Anthropocene: Significant contributions in Environmental Climatic and Energy Research"* from 11th- 13th December 2024. p. 24.

- **Choudhuri, A.**, 2024 a. Evidence of motile life from the mid-Neoproterozoic Sirbu Shale, Upper Vindhyan Group, India. National Conference on “Women in Geosciences: Opportunities, Challenges and Accomplishments” from 2nd-4th September, 2024.
- **Choudhuri, A.**, 2023 e. Evolution of a confined gravelly river to a braided-meandering river in the late cretaceous Khasi Group, Southern Shilong Plateau, NE India. *39th Convention of the Indian Association of Sedimentologists (IAS) & International Conference on "Voyage of Sedimentology from the Mountains to the Oceans: An Innovative Trajectory"* from 6th-8th December 2023.
- **Choudhuri, A.**, 2023 d. The Advent of Motile Life in the Proterozoic: Scepticism and Reality. Abstract volume of *Vindhyan Supergroup: Recent Advances, challenges and opportunities*, GSI Special Publication no. 128, p. 39. (presented by A. Choudhuri)
- Jambhule, D., and **Choudhuri, A.**, 2023 c. Cyclicity and Stromatolite Morphological Variations: Insights from the Bhandar Formation, Vindhyan Basin, India. Abstract volume of *Vindhyan Supergroup: Recent Advances, challenges and opportunities*, GSI Special Publication no. 128, p. 38.
- Nag, D., Sangode, S.J., Prasad, V., Uddandam, P., **Choudhuri, A.**, Mandal, S., 2023 b. Mineralogical and rock magnetic signals of Deccan volcanism from the Cretaceous-Palaeogene section in Meghalaya, India. *Deccan-next conference organised by Savitribhai Phule Pune University*.
- **Choudhuri, A.**, Jambhule, D., Sinha, S., Srimani, S., 2023 a. Morphological variability of stromatolites and their cyclicity as an indicator of biogenicity- example from a Proterozoic carbonate platform of Vindhyan Supergroup, India. *EGU General Assembly 2023*.
- **Choudhuri, A.**, Mandal, S., Uddandam, P. R., Nag, D., Prasad, V., 2022. Process-related analysis of facies mosaic in the Late Cretaceous Jadukata Formation, south Shillong plateau, NE India. *Current understanding from Indian Sedimentary basins and road ahead & 38th Convention of Indian Association of Sedimentologists (IAS)*, page 4.
- Mondal, I., **Choudhuri, A.**, Koner, A., Sarkar, S., 2022. Does Mg-enrichment of Precambrian glauconite owe to hydrothermal input? *Current understanding from Indian Sedimentary basins and road ahead & 38th Convention of Indian Association of Sedimentologists (IAS)*, page 66.
- Srimani, S., Koner, A., **Choudhuri, A.**, Sarkar, S., 2022. Distinctive petrography and geochemistry of facies in Kallankuruchi Limestone Formation, Cauvery Basin, India *Current understanding from Indian Sedimentary basins and road ahead & 38th Convention of Indian Association of Sedimentologists (IAS)*, page 24.
- Srimani, S., Koner, A., **Choudhuri, A.**, 2022. Isotope and Trace Element Signatures of Paleoenvironment of Gryphea shell banks in the Kallankurichchi Limestone,

Ariyalur Group, Cauvery Basin, India. *21<sup>st</sup> International Sedimentological Congress*, page 1940.

- **Choudhuri, A.**, 2020. Indian record of early motile life. *Humboldt Kolleg (FLOW)*, organised by Department of Geological Sciences, Jadavpur University and AVH Foundation, Germany.
- **Choudhuri, A.**, Mondal, I., Mandal, S., Sarkar, S., 2019. Tempestites vs. Fluxoturbidites: Transition between the Koldaha Shale and the Chorhat Sandstone, Vindhyan Supergroup. *34<sup>th</sup> IAS (International Association of Sedimentologists ) meeting* organised by the University of Rome Sapienza.
- **Choudhuri, A.**, 2019. MISS in carbonate formations: promoter and inhibitor. Abstract volume of *National seminar on Sedimentary researches: Last five decades of advancement and prospects in future & 35<sup>th</sup> Convention of Indian Association of Sedimentologists*, p. 18.
- Mondal, I., **Choudhuri, A.**, Sarkar, S., 2019. Spectacular morphic and geochemical record of microbial consortia in the Mesoproterozoic Rampur Shale in the Son Valley. Abstract volume of *National seminar on Sedimentary researches: Last five decades of advancement and prospects in future & 35<sup>th</sup> Convention of Indian Association of Sedimentologists*, p. 52.
- **Choudhuri, A.**, Sarkar, S., 2017. Are the Mesoproterozoic Lakshanhatti Stromatolites abiotic?. Abstract volume of Earth and Material Sciences for Sustainable Societal Developments, *Humboldt Kolleg*, p. 46. (presented by A. Choudhuri)
- Mandal, S., **Choudhuri, A.**, Sarkar, S., 2017. Implications of Carbonate Intraclastic Breccias and 2-D Microbial Mats in the Mesoproterozoic Rohtas Limestone. Abstract volume of Earth and Material Sciences for Sustainable Societal Developments, *Humboldt Kolleg*, p.52.
- Koner, A., Mandal, S., **Choudhuri, A.**, Sarkar, S., 2017. Palaeoenvironmental sea-change across the western Jhuran-Bhuj boundary around Ghuneri, Kutch, India. Abstract volume of Earth and Material Sciences for Sustainable Societal Developments, *Humboldt Kolleg*, p.49.
- **Choudhuri, A.**, Sarkar, S., 2016. Rarity of Microbial Mat Related Structures (MRS) within carbonate deposits: Some Observation. Abstract volume of *National conference and 33<sup>rd</sup> Convention of Indian Association of Sedimentologists with emphasis on Energy Resources and Climatic Change*, p. 52. (presented by A. Choudhuri)
- Sarkar, S., **Choudhuri, A.**, Mandal, S., Mandal, S., 2016. Molar tooth structures three Proterozoic Limestone Formations: Some observations. Abstract volume of *National conference and 33<sup>rd</sup> Convention of Indian Association of Sedimentologists with emphasis on Energy Resources and Climatic Change*, p. 53.
- **Choudhuri, A.**, Sarkar, S., 2016. Role of microbial mat in intrastratal clast generation in carbonate formations. Abstract volume of *National Geo-Research Scholars Meet 2016*, Wadia Institute of Himalayan Geology, p.81. (presented by A. Choudhuri)
- **Choudhuri, A.**, Sarkar, S., Altermann, W., Mukhopadhyay, S., Bose, P. K. Lakshanhatti stromatolite, India: biogenic or abiogenic? 2015. Abstracts volume of

*2<sup>nd</sup> International Palaeogeography Conference*, Journal of Palaeogeography, p. 13. (presented by A. Choudhuri)

- Sarkar, S., **Choudhuri, A.**, Mandal, S., 2015. Microbial mat-related structures shared by both siliciclastic and carbonate formations. Abstracts volume of *2<sup>nd</sup> International Palaeogeography Conference*, Journal of Palaeogeography, p. 99.
- **Choudhuri, A.**, 2013. Seismites vis-a-vis soft sediment deformation structures of other origins within Neoproterozoic Bhandar Limestone, Vindhyan Supergroup, Central India. Modern Geological And geophysical Methods and Their Applications, Abstract volume (ISBN 978-93-80813-22-6) of *IGU workshop in Department of Geological Sciences, Jadavpur University*, p. 63. (presented by A. Choudhuri)
- Mukhopadhyay, S., Samanta, P., **Choudhuri, A.**, Das, A., Chatterjee, A., Majumder, A., 2013. Influence of sedimentation Rate on Sequence Building Trends: A case study. Modern Geological And geophysical Methods and Their Applications , Abstract volume (ISBN 978-93-80813-22-6) of *IGU workshop in Department of Geological Sciences, Jadavpur University*, p. 74-75.

### **M.Sc thesis supervision**

1. Mr. Sarat Kumar Siddela, **2019**. Soft sediment deformation structures- their distribution and origin: a case study from Mesoproterozoic Chorhat sandstone, Vindhyan Supergroup. (MS thesis submitted towards fulfilment of BS-MS degree in **IISER-Kolkata**).

2. Ms. Devyani Jambhule, **2023**. Morphological variability of stromatolites and their cyclicity: Examples from a Proterozoic carbonate platform of the Vindhyan Supergroup, India. (MS thesis submitted towards fulfilment of BS-MS degree in **IISER-Pune**)

3. Mr. Nitin Kumar Baheliya, **2023**. Petrography and provenance analysis of the sandstones from the Late Cretaceous Khasi Group, south Shillong Plateau, India. (M.Sc thesis submitted towards fulfilment of M.Sc in Applied Geology degree in **University of Lucknow**)

4. Mr. Prasanth S Nair, **2025**. Facies Analysis of the Late Cretaceous Basal Conglomerate Formation, Khasi Group, south Shillong Plateau, NE India. (M.Sc thesis for fulfilment of M.Sc in Department of Geology, **SAS SNDP Yogam College, Konni, Pathanamthitta, Kerala**)

5. Mr. Abhiroop Singh, **2025**. Facies Analysis of the Late Cretaceous Upper Mahadek Sandstone, Khasi Group, south Shillong Plateau, NE India. (M.Sc thesis for fulfilment of M.Sc in Geology degree in **University of Lucknow**)

6. Mr. Dhruv Srivastava, **2026**. Facies Analysis And Depositional Framework Of The Mesoproterozoic Porcellanite Formation In The Vindhyan Supergroup, Son Valley, Central India. (**Ongoing**, M.Sc thesis for fulfilment of M.Sc in Geology degree in **University of Lucknow**)

### Students summer training

1. Mr. Anirban Banerjee, 2022. M.Sc student of IIT-ISM Dhanbad
2. Mr. Ravi Kumar, 2022. BS-MS student of IISER-Kolkata
3. Ms. Nipa Sen, 2025. M.Sc student of Durgapur Govt. College, West Bengal

### Research Projects

1. **DST INSPIRE Faculty project** entitled “*Advent of motile life*” (2018-2024; status-completed)
2. **BSIP In-house project** entitled “*Paleogeographic, paleoenvironmental and paleoclimatic evolution of the Late Cretaceous-Palaeogene succession in South Shillong Plateau, Meghalaya embodied in Sequence Stratigraphy*” (2021-2025; Status-completed)
3. **BSIP In-house project, Thrust Area 1.3** entitled “*How evolution of the Earth’s surface environment lead to the photosynthetic oxygenation of the ocean-atmosphere system on the Earth?*” (2025-2029; Status- Ongoing).
4. **Ongoing BSIP In-house project, Thrust Area 3.1** entitled “*Geodynamic and biotic evolution of the Indian Plate during the Late Cretaceous and Early Paleogene*” (2025-2029; Status- Ongoing).

### Achievements

1. **Field Faculty** for Geological Workshop “Sedimentation Dynamics and Depositional Sequence of the Vindhyan Supergroup, Son Valley, Central India” organized by Association of Petroleum Geology, India from 28th February to 5th March 2025.
2. **Invited speaker** to deliver a lecture in the National conference on “Women in Geoscience” organized by NCESS, Thiruvananthapuram from 2nd-4th September, 2024.
3. **Invited speaker** to deliver a lecture in the 6<sup>th</sup> *International Conference of Palaeogeography* in Nanjing, China in 17<sup>th</sup>-20<sup>th</sup> May 2024.
4. Invited as a **distinguished speaker** to deliver a lecture in the 39<sup>th</sup> *Convention of Indian Association of Sedimentologists (IAS)* in Annamalai University in 6<sup>th</sup>-8<sup>th</sup> December, 2023.
5. Received **DST INSPIRE FACULTY AWARD** in 2018.
6. Invited to deliver a scientific lecture in the technical/brain storming session arranged by AAPG and SEG, Kolkata chapter held at ONGC officer's club, Kolkata on 28th July, 2016 and talked about "Role of Intrastratal Clast Generation in carbonate rocks".
7. Oral presentation earned the **2nd Best award** in the **2<sup>nd</sup> International Conference of Palaeogeography**, sponsored by **Journal of Palaeogeography and SEPM** in Beijing, China in **2015**. I also had an opportunity to visit and study some good Proterozoic stromatolite and intraclasts limestone sections in China during the conference.

8. Selected as **Kumba -Exxaro Doctoral Fellow** in **2014** and worked as a guest researcher in Department of Geology in University of Pretoria, South Africa from 17th October to 7th December, 2014; Invited to deliver a lecture on "Origin of Stromatolites and their microstructures" to the graduate students of the Department of Geology, University of Pretoria.
9. Selected for an **industrial training program** (from 3rd June to 11th July, 2013) fully sponsored by a Brazilian oil company named **Petra Energia S/A** at Rio de Janeiro; Invited to deliver a lecture on "Distribution of Source, Reservoir and Seal Rocks of Khartoum Basin, Sudan Applying Sequence Stratigraphic concepts".
10. Secured **103<sup>rd</sup> rank (All India rank)** in Gate examination in 2013.
11. Received DST INSPIRE **SHE scholarship** sponsored by DST from 2008-2012.

### **Positions**

1. **Member** of the *International Commission on Stratigraphy (ICS) subcommission of Precambrian* since 2023.
2. **Associated Editor board member** of the Journal *Biopetrology*, founded by the *International Biopetrological Association (IBA)* since 2021.
3. **Member** of the *International Biopetrological Association (IBA)* since 2021.
4. **Reviewer** of *Journal of Earth System Sciences, Journal of Palaeogeography, Carbonates and Evaporites*
5. **DST INSPIRE Faculty**, Department of Earth Sciences, IISER Kolkata, (23<sup>rd</sup> April 2018 to 22<sup>nd</sup> June, 2021).
6. **Member of SEPM Society for Sedimentary Geology** (December 2015 to present).
7. **Life Member** of the *Indian Association of Sedimentologists* (November 2017 to present).
8. **Student representative** of the Selection Committee of *Wilson Award Nomination 2016* sponsored by the *SEPM Society for Sedimentary Geology*.
9. **Senior Research Fellow** in the Department of Geological Sciences, Jadavpur University (April 2015- October 2017)
10. **Junior Research Fellow** in Department of Geological Sciences, Jadavpur University, (April 2013- April 2015)

### **References**

- Prof. Subir Sarkar, Department of Geological Sciences, Jadavpur University, Kolkata-700032. Email: [jugeoss@gmail.com](mailto:jugeoss@gmail.com); subir.sarkar@jadavpuruniversity.in
- Prof. Pradip K. Bose, Emeritus Scientist, Department of Geological Sciences, Jadavpur University, Kolkata-700032. Email: [jugeopkb@gmail.com](mailto:jugeopkb@gmail.com)
- Prof. Abderazzak El Albani, Univeristy of Poitiers, France. Email: [abder.albani@univ-poitiers.fr](mailto:abder.albani@univ-poitiers.fr)
- Prof. Wladyslaw Altermann, Kumba-Exxaro Chair in Geodynamics, Faculty of Natural and Agricultural Sciences, Department of Geology, University of Pretoria, South Africa. Email: [Wlady.Altermann@up.ac.za](mailto:Wlady.Altermann@up.ac.za)
- Prof. El Hafid Bouougri, Department of Earth Sciences, Cadi Ayyad University of Morocco. Email: [bouougri@uca.ma](mailto:bouougri@uca.ma)
- Dr. Phillip Plummer, The University of Adelaide, Adelaide, Australia. Email: [phil.plummer@adelaide.edu.au](mailto:phil.plummer@adelaide.edu.au)

**Declaration**

I hereby declare that the above information is true to my knowledge and belief.

Date: 17.04.2026

Place: Lucknow-226007

  
(ADRITA CHOUDHURI)  
Signature