After making online payment, authors are requested to mention their bank (AIPG) as the First International Student Chapter outside USA. The School has Society.

Excellence in Seismology (a RUSA initiative) is recently been established in the National and International institutions including NGRI, IIG, NCS, ISR, INCOIS, NMEICT, IIT Delhi, and IIT Bombay. This will allow a paradigm shift in ICT-based education in the University.

The University boasts a Centre of Excellence in Seismology, advanced research instrumentation facilities, collaboration with Inter-University Centre for Astronomy and Astrophysics and MoUs with national and international institutions. The SRTM University has signed a MoU with the Virtual Labs project, an initiative of MHRD, NMEICT, IIT Delhi, and IIT Bombay. This will allow a paradigm shift in ICT-based education in the University.

Nanded is well connected by rail and road with the other major cities of India including Mumbai, Delhi, Nagpur, Bangalore and Hyderabad. Nanded has a modern airport with daily flights to Hyderabad, Mumbai and Delhi. Average rainfall in Nanded is about 950 mm and temperature varies from 45°C in summer to about 10°C in winter. The climate in November is pleasant with day temperatures of 15°C to 30°C.

School of Earth Sciences

The School of Earth Sciences is the first Schools to be initiated in the newly established SRTM University. Presently there are more than 165 Post-Graduate students studying in 4 different Courses including Geology, Geophysics, Environmental Science and Geography in the School of Earth Sciences. Additionally, the School runs 2 Post-Graduate Diploma Courses in Geoinformatics and Mining and 2 Certificate Courses in Industrial Safety and Occupational Health and Water Literacy. Many of the scholars earned DST-INSPIRE, CSIR, UGC, ICSSR, BARTI, RGNF and other fellowships for conducting their research. The Faculty members of the School are well-qualified with national and international reputation and have earned laurels and recognitions at local to global level.

The School is recognized by the American Institute of Professional Geologists (AIPG) as the First International Student Chapter outside USA. The School has Memorandum of Understanding (MoUs) and academic collaborations with many National and International institutions including NGRI, IIG, NCS, ISR, INCOIS, AMD, IFTM, NEERI and GSDA. The School is funded by UGC-SAP, DST-FIST, RUSA, ICSSR and UGC-Innovative programs. The School of Earth Sciences has generated funds to the tune of $ 5 crores through research projects. Centre of Excellence in Seismology (a RUSA initiative) has been recently established in the School of Earth Sciences.

About the Conference

“What we observe is not nature in itself but nature exposed to our method of questioning” - German Physicist Werner Heisenberg

We view the planet Earth in different perspectives and question in different methods. The systematic approach to understand the planet Earth is not only gives a holistic picture but also helps us to unravel the intrinsic relationship between different spheres. The present conference on “Advances in the Science of Earth: Relevance to the Society” is an attempt to bring the experts and young scientists under one umbrella to deliberate and develop systems approach for evaluating planet Earth evolution in space and time and to ascertain why it is very relevant to the Society.

Major Themes and sub-themes of the Conference

1. Solid Earth and its Resources
2. Climate and its Resources
3. Natural Hazards: Prediction and Mitigation
4. Remote Sensing and Geospatial Technologies
5. Application of AI and ML in Earth Sciences
6. Environmental Pollution
7. Petrology and Geochemistry
8. Mineral Resources
9. Weather extremes: Significance, early warning and assessment of consequences
10. Mobile and Web GIS Applications
11. Earthquake prediction and monitoring
12. Climate change impact on monsoon, pollution hazards, extreme events, etc.
13. Petrology and Geochemistry: Magmatism and Crustal Evolution; Sedimentation and Sedimentary basins; Metamorphic terrains and Geochronology.
14. Special session on understanding the generation of Tongan Volcanic Eruption, its signatures in terrestrial system and brainstorming on preparedness for future volcanic risks.
15. Role of Oceanic and atmospheric processes in Monsoon variability; Novel ideas related to monsoon with different processes such as ENSO, IOD, IOQUINO, etc.
18. Implications of Natural Hazards on ecosystems.
19. Analysis of geospace-sensing data (optical, thermal, microwave and hyperspectral) from satellite, airborne and UAV platforms; Use of GNSS data and geospatial technologies.
21. Monsoon information for societal benefits: Different ways of information dissemination about monsoon, Tsunami, pollution hazards, extreme events, etc.
22. Importance of Oceanic and atmospheric processes in Monsoon variability: New ideas related to monsoon with different processes such as ENSO, IOD, IOQUINO, etc.
23. Monsoon predictability at multiple time scales - Dynamical and Statistical Modeling of monsoon related processes.
24. Petrology and Geochemistry: Magmatism and Crustal Evolution; Sedimentation and Sedimentary basins; Metamorphic terrains and Geochronology.
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28. Signatures of EVT (earthquake, volcano and tsunami) in atmosphere-ionosphere system: present understanding and future perspective.
30. Implications of Natural Hazards on ecosystems.
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32. Mobile and Web GIS Applications.
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Abstract submission

The abstract should be type set in Times New Roman in 12 font. The abstract should include Title, authors, affiliation and text. The text should be within 450 words. Detailed procedure of abstract submission is provided on https://www.asers22.sertsmun.in

Registration fee

All the delegates must register in advance for participation in this Conference. The registration form can be submitted directly https://www.asers22.sertsmun.in

Important dates

Registration Late Registration
(1 Sept. - 31 Oct. 2022) (1 Nov. - 24 Nov. 2022)

PG students ₹ 500 ₹ 500
Research Scholars ₹ 1000 ₹ 1250
Faculty/Scientist ₹ 2000 ₹ 2500
Industry/NGO ₹ 3000 ₹ 4000

E Mail: icasers2022@gmail.com

Financial assistance

All efforts are being made to provide partial/full financial assistance to students, young scientists and retired scholars who do not have any sources of funding. The application requesting financial assistance can be sent to icasers2022@gmail.com with subject of the E mail as “Request for Financial Assistance”. The last date for receiving financial assistance application is 15th October 2022. Please visit: https://www.asers22.sertsmun.in updates.

Please feel free to contact us at: E Mail: icasers2022@gmail.com