

Conference Papers

Lieut Dr.Pankaj Mehta

| S.No | Title of the Paper | National / International | Name of the Conference | Date & Year |
|------|---|--------------------------|--|-------------|
| 1. | Control of Climate on Amphibolite Weathering in Mysore Plateau of Southern India: A Geochemical Appraisal | International | Asia-Oceania Geosciences Society, Singapore | 11-07-2006 |
| 2. | Management of Water, Energy and Bioresources in Changing Climate Regime | International | International Humboldt Kolleg, JNU, New Delhi | 02-08-2013 |
| 3. | Geochemical Mobilization of Elements during Weathering of Amphibolite and Gneisses in Different Climate Zones of Mysore Plateau, Southern India | International | Geology and Geo-resources of Himalayas and Cratonic region of India, Kumaon University, Nainital | 12-03-2012 |
| 4. | Geochemical Mobilization of Elements during Weathering in Different Climate Zones of Mysore Plateau | National | Recent Advances and Future Challenges in Geochemistry and Geophysics: BHU | 06-06-2012 |
| 5. | Geochemical Mobilization of Elements during Weathering in Different Climatic Set-up | National | Department of Marine Geology, Mangalore University | 24-02-2006 |
| 6. | Application of ICP-MS in Earth System Science | National | National Geophysical Research Institute (NGRI), Hyderabad | 30-06-2006 |
| 7. | Biological Diversity of Ramayana | International | Tribhuvan Vishwavidhalaya, Kathmandu, Nepal | 10-06-2022 |
| 8. | Earth and Water: Balance of Life and Nature | State | GDC, Paloura (Mishriwala) | 20-03-2023 |
| 9. | Material Characterization by Ultrasonics | National | Amity School of Engineering and Technology, New Delhi | 03-04-2012 |
| 10 | Startup & Incubation | National | JKEDI, Jammu | 21-01-2019 |

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| 11 | Weathering Dynamics and Control of Climate on Mobilization of Elements During Rock Weathering in Western Ghats, India | National | IPICYT, Mexico | 03-02-2022 |
| 12 | Innovation and IPR: Two Sides of the same coin | National | VasudhaivaKutum bakam, NMDC Convention Center, New Delhi | 24-02-2018 |
| 13 | Disaster Management in Hilly Regions Like J&K | State | NCC Camp, Nagrota, Jammu | 06-07-2016 |
| 14 | Lifeline of an Analytical Lab: QA/QC in Achieving Professional Excellence | University | Winter School 2023, Central university of Jammu | 24-02-2023 |
| 15 | Environmental Pollution and Disaster Risk Reduction | National | NIDM | 06-02-2020 |
| 16 | Scientific Innovation and Intellectual Property Rights | National | SMVDU Katra | 27-03-2017 |
| 17 | Effects of Global Warming on Water, Biodiversity and Livelihoods in Himalayas | National | Change in Cryosphere and Impact on Ecosystem Services, University of Jammu | 22-11-2016 |
| 18 | Nurturing World Class Organization in an Emerging Global Diaspora | University | School of Business Studies, Central University of Jammu | 16-09-2016 |
| 19 | Innovation, Incubation and training | State | Govt. Degree College Kathua, J&K | 22-01-2021 |
| 20 | Innovation, Incubation and training | State | Govt. Degree College for Women Parade, Jammu | 16-01-2021 |

Dr.Shweta Yadav

Participation in International Conference/Seminar

§ Oral: “Characteristics and Sources of Ice Nucleating Particles in the North-Western Himalayas”. [SHWETAYADAV, Nathaniel Curtis, Rebecca Venezia, Kiran Kumari, Sunandan Mahant, Ankit Tandon, BruceMoffett, Ryan Paerl, Markus Petters] in AAAR 40th Annual Conference to be held in Raleigh, North Carolina[3 October - October 7, 2022].

§ Oral: “Ice Nucleating Particles and Bioaerosol Diversity in the Himalayan Region” in European AerosolConference (EAC) 2019 in Gothenburg, Sweden (August 25 - 30, 2019).

§ Oral: “Ice Nucleating Particle Properties of Aerosols In The Himalayan Region” in Conference on AerosolImpacts: Human Health to Climate Change in Centre for Atmospheric Sciences, Indian Institute ofTechnology, Delhi, organized by IASTA (November 26 – 28, 2018).

§ Oral: Fulbright Visiting Scholar Enrichment Seminar, “Leveraging Strategic Innovation andEntrepreneurship for Long Term Success” in Hotel Kimpton solamar, San Diego, California (December 13-16, 2017).

§ Oral: INP measurements using immersion mode freezing, GEOPATHS Open House program, Petters lab, NCState University, Raleigh, NC, USA (November 30, 2017).

§ Oral: 2nd Annual Showcase of NC State Women Faculty's Research, Creativity, and Scholarship event in theCollege of Textiles, NC State Centennial Campus, USA (November 1, 2017).

§ Poster: “Preliminary Assessment of Aerosol Associated Organic Tracers in Rural and Urban Location ofWestern Himalayas” in 36th American Association for Aerosol Research (AAAR) Annual Conference held atthe Raleigh Convention Center, Raleigh, North Carolina, USA (October 16-20, 2017).

Participation in National and State level Conferences/Workshops/Seminars

§ Presented on “Ice Nucleating Particle Properties of Aerosols In The Himalayan Region” in Conference onAerosol Impacts: Human Health to Climate Change in Centre for Atmospheric Sciences, Indian Institute ofTechnology, Delhi, organized by IASTA (November 26 – 28, 2018).

§ Participated in two days Workshop on “Transacting Students’ Engagement for Rural CommunityDevelopment” organized at Central University of Jammu in collaboration with National Council of RuralInstitutes (NCRI), Ministry of Human Resources and Development, Hyderabad (April 26-27, 2017).

Dr. Dinesh Kumar

1. Shivesh Berwal, Dinesh Kumar, Alok Kumar Pandey, Vinay Pratap Singh, Ritesh Kumar, Krishan Kumar, 2016: Dynamics of Thermal Inertia over Highly Urban City: a case study of Delhi. Remote Sensing Technologies and Applications in Urban Environments, Proc. of SPIE Vol. 10008, 100080E, 2016 SPIE Doi:0.1117/12.2241741.
2. Dinesh Kumar, U C Mohanty, Krishan Kumar, (2017), Parametrization schemes for thunderstorm prediction over Indian region. Accepted for publication in the International Journal of the Indian Society of Remote Sensing and Annals of GIS (Springer).
3. Kumar, D., Mohanty, U. C., and Kumar, K.: Sensitivity of land surface and Cumulus schemes for Thunderstorm prediction, Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLI-B8, 271-275, <https://doi.org/10.5194/isprs-archives-XLI-B8-271-2016>, 2016.
4. Kumar Dinesh*, Mohanty UC, Kumar Krishan (2015), Sensitivity of PBL and Cumulus schemes for Thunderstorm prediction over an Indian Region, accepted for Poster for EGU General Assembly, Vienna, Austria, 12 – 17 April 2015, in Session NP1.3/HS2.3.16, Geophysical Research Abstracts, Vol. 17, EGU2015-109, 2015.
5. Kumar Dinesh (2014). Satellite radiance assimilation using 3D-Var: A case study of thunderstorm over Indian region (Accepted for Oral), 40th COSPAR Scientific Assembly, 2- 10 August 2014 at Moscow, Russia, Organized by Committee on Space Research
6. Zahid Nabi, Shivali Kundan, Dinesh Kumar, and UC Mohanty (2021). Impact of microphysics on convective events: a case study of heavy rainfall, INTROMET- 23-26, Nov 2021, Online Mode.
7. Shivali Kundan, Zahid Nabi, Dinesh Kumar (2021). Variability of Atmospheric boundary layer height over Indian Subcontinent: A review analysis; INTROMET-23-26, Nov 2021, Online Mode.
8. Dinesh Kumar, Zahid Nabi, UC Mohanty (2021). Role of cloud micro-physics towards convective events A case study of heavy rainfall; ICCP, 2-6, Aug, 2021, Online Mode.
9. Delivered a talk on “Geospatial Technology for Monitoring of Environmental Hazards and Disaster Management” in DST-SERB sponsored the Karyashala workshop from March 01-07, 2023 at the Central University of Punjab, Bathinda.