

Please look for latest updates on the conference website: <https://icrc-cordex2023.cordex.org/program/conference-programme/>

IST	Day 4: Thursday, 28 September 2023 <i>(IITM Office CLOSED: Id-e-Milad/ RH: Anant Chaturdashi)</i>
	<b>Sessions B2 and B3: CORDEX Interaction with Society</b>
<b>09.00-10.15</b> <i>Trieste: 05.30-6.45AM</i>	<b>Session B2: Integration of available climate information in support of decision making</b> <i>(@Varahamihira Hall)</i> Chair: Mandira Shrestha (ICIMOD-Kathmandu)    Rapporteurs: Aashna Verma (BHU-Varanasi),    Madhusudan Ingale (IITM-Pune)
	<p>Initializing talks (10 min each)</p> <p><b>Panellists:</b></p> <p><i>Mandira Shrestha</i> <i>Vimal Mishra (ONLINE)</i> <i>Milind Mujumdar</i></p> <p><b>Oral Presentations</b></p> <p>Downscaling of Climate Data for Local Governments in Kerala (5 min) <b>Shinu Sheela Wilson</b> Evaluation of extreme precipitation climate indices over Hindu-Kush Himalayan in CMIP5 to CMIP6 (5 min) <b>Raju Attada</b> Soil moisture revamps the temperature extremes in a warming climate over India (5 min) <b>Naresh Ganeshi (ONLINE)</b> Forecasting distribution of cyclonic disturbances over Bay of Bengal till 2050 (5 min) <b>Sweta Sen (ONLINE)</b></p> <p><b>Panel discussion and summary (20 min)</b></p>
<b>10.15-10.30</b> <i>Trieste: 6.45-7AM</i>	<b>Health Break + Tea/Coffee</b> @Varahamihira Hall Reception area
<b>10.30-10.45</b> <i>Trieste: 7-7.15AM</i>	<b>Poster Session B2-P</b> @Varahamihira Hall Reception area
	<p><b>Poster Display</b></p> <p>Metric performance between CMIP model and historical IMD data <b>Gaurav Patel (ONLINE)</b> Assessment of Wind Power Potential in Selected Locations of Pakistan: Analysis of Wind Speed Characteristics and Power Density Estimation <b>Muhammad Abid Khan (ONLINE)</b> The effects of dust and anthropogenic aerosol on ozone in a semi-arid region in the Middle East <b>Maryam Gharibzadeh (ONLINE)</b> County-scale Climate Projections over Minnesota for the 21st Century <b>Alejandro Fernandez (ONLINE)</b> Evolution of Ozone above Togo during the 1979–2020 Period <b>Koffi Ayassou (ONLINE)</b></p>
<b>10.45-12.00</b> <i>Trieste: 7.15-8.30AM</i>	<b>Session B3: Providing timely and relevant climate information for societal needs</b> <i>(@Varahamihira Hall)</i> Chair: Koji Dairaku (Univ-Tsukuba-Japan)    Rapporteurs: Raj Pritam Gupta (IISER-Bhopal),    Mangesh Goswami (IITM-Pune)
	<p>Initializing talks (10 min each)</p> <p><b>Panellists:</b></p> <p><i>Koji Dairaku</i> <i>Sivananda Pai (ONLINE)</i> <i>Subimal Ghosh (ONLINE)</i> <i>Prakash Tiwari</i></p> <p><b>Oral Presentations</b></p> <p>Symbolic representation of district wise climate change scenarios of West Bengal state, India, using Thornthwaite classification scheme (5 min) <b>Ankita Mallick (ONLINE)</b> Cause-and-effect relationships between urbanization and meteorology under climate change (5 min) <b>Shivam Saxena (ONLINE)</b> Climate Change Impact Assessment on the Khowai River Flow using HBV Model (5 min) <b>Shovon Jubair (ONLINE)</b> Investigating the seasonal variation of simulated carbonaceous fine particulate matter over six homogeneous regions of India with focus on IGP region (5 min) <b>Praveen Kumar</b></p> <p><b>Panel discussion and summary (20 min)</b></p>
<b>12.00-13.00</b> <i>Trieste: 8.30-9.30AM</i>	<b>Lunch</b> @Meghdoot-Basement <b>+ Poster Display B2-P and C3-P</b> @Varahamihira Hall Reception area
	<b>Parallel Sessions C1 and C2: CORDEX for Impacts</b>
<b>13.00-14.45</b> <i>Trieste: 9.30-11.15AM</i>	<b>Parallel Session C1: Societal Impacts</b> <i>(Zoom Live Streaming from ICTP-Italy) @Varahamihira Hall</i> Please see details on the conference website: <a href="https://icrc-cordex2023.cordex.org/program/conference-programme/">https://icrc-cordex2023.cordex.org/program/conference-programme/</a>

	Performance of CORDEX models in reproducing block-level meteorological droughts characteristics (10 min + 2 min Q&A) <b>Sai Venkata Ramana Mutyala (@IITM Hub)</b>	
<b>13.00-14.45</b> <i>Trieste: 9.30-11.15AM</i>	<b>Parallel Session C2: Natural Ecosystem Impacts</b> (Zoom Live Streaming from ICTP-Italy) @ Aryabhata Hall Please see details on the conference website: <a href="https://icrc-cordex2023.cordex.org/program/conference-programme/">https://icrc-cordex2023.cordex.org/program/conference-programme/</a>	
	Climatic and Anthropogenic Vulnerabilities of the Himalayan Ecosystem (10min +2min Q&A) <b>Pankaj Kumar (@IITM Hub)</b>	
<b>14.45-15.00</b> <i>Trieste: 11.15-11.30AM</i> (Health Break)	<b>Health Break</b> @Varahamihira Hall Reception area <b>+Poster Session C3-P</b> @ Varahamihira Hall Reception area	
	<p><b>Poster Display</b></p> <p>Investigation of Uncertainties in Added values and Multi-variable Bias Adjustment of Drivers of Heat Stress <b>Saurabh Kelkar (ONLINE)</b> Impacts of LULC and climate variability on Evapotranspiration, an important agricultural aspect <b>Josna Murmu (ONLINE)</b></p> <p>Long-term Seasonal Characteristics of Particulate Matter Using CMIP6 Models under various SSP Scenarios Over the Indian Region <b>Pritam Dasmahapatra</b> CORDEX RCMs, CMIP5 GCMs and CMIP6 GCMs: Reliable climate models for assessing the impact of climate change on wind-driven processes <b>Naresh Kumar Goud Lakku</b> Long-term Effects of Human Activities on Aquatic Ecosystems: Insights from Paleolimnological Reconstructions of Dal Lake <b>Zulaykha Khurshid</b> Monsoon Mayhem: Unraveling the modulating Impacts of Indian Summer Monsoon on Climate Change <b>Aashna Verma</b> Rice (Oryza sativa) yield response to changing weather conditions using CERES-Rice Model <b>Prashant Narayan Vishwakarma</b> Heatwave analysis using CORDEX models in selected districts of India <b>Vidya S</b> Long term regional changes in land surface temperature over an urban city, Uttarakhand <b>Rahul Jaiswal</b> Utilizing Coal Combustion Bottom Ash Residues for Eco-Friendly Production of Iron Oxide Nanoparticles and Their Prospective Application in "Sustainable Agriculture" <b>Nishita Narwal</b> Quantifying the Impact of Climate Change Scenarios from CMIP5 Downscaled Models on Future Summer Rice Production in the New Alluvial Zones of West Bengal: An Assessment using ORYZA 2000 <b>Debjyoti Majumder</b></p>	
<b>15.00-16.00</b> <i>Trieste: 11.30-12.30PM</i>	<b>C1 and C2 joint panel discussion</b> (Zoom Live Streaming from ICTP-Italy) @Varahamihira Hall Please see details on the conference website: <a href="https://icrc-cordex2023.cordex.org/program/conference-programme/">https://icrc-cordex2023.cordex.org/program/conference-programme/</a>	
<b>16.00-17.00</b> <i>Trieste: 12.30-13.30PM</i>	<b>Insights from Session B - Discussions</b> (Zoom Live Streaming from ICTP-Italy) @Varahamihira Hall Please see details on the conference website: <a href="https://icrc-cordex2023.cordex.org/program/conference-programme/">https://icrc-cordex2023.cordex.org/program/conference-programme/</a>	
<b>17.00-17.10</b> <i>Trieste: Lunch (Posters)</i>	<b>Health Break + Tea/Coffee</b> @Varahamihira Hall Reception area	
<b>17.10-17.30</b> <i>Trieste: 13.40-14.00PM</i> <i>Trieste: Lunch (Posters)</i>	<p><b>Poster Session C3-P</b> Chair: Bhupendra Bahadur Singh (IITM-Pune)    Rapporteurs: TBC</p> <p><b>Lightening Talks</b> (2 min each) @Varahamihira Hall</p>	
<b>17.30-18.00</b> <i>Trieste: 14.00-14.30PM</i> <i>Trieste: Lunch (Posters)</i>	<b>Poster Display C3-P continued</b> @Varahamihira Hall Reception area	
<i>Trieste: 14.30-18PM+</i>	<p>18.00-19.00 IST Trieste: Parallel Session D: CORDEX in Practice D1,D2,D3,D4,D5,D6,D7,D9,D10</p> <p>19.00-19.30 IST Trieste: Health break</p> <p>19.30-20.30 IST Trieste: Continuation of Session D ...Parallel sessions</p> <p>20.30-21.30 IST Trieste: Poster session C and D</p> <p>21.30 IST Onwards Trieste: Side events/ meetings</p>	18.00 IST+ : IITM Hub participants may join online (via Zoom)

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IST	Day 5: Friday, 29 September 2023	
	<b>Session D: CORDEX In Practice</b>	
<b>09.00-11.00</b> <i>Trieste: 05.30-07.30AM</i>	<b>Parallel Session D8. Extreme Events: Observations and Modeling (online and Pune)</b> <i>Conveners: Sridhara Nayak, Koji Dairaku, Suman Maity, J Sanjay, Mandira Singh Shrestha, Lalu Das</i> <b>(@Aryabhata Hall)</b> Chair: Mandira Shrestha (ICIMOD-Kathmandu) and Koji Dairaku (Univ-Tsukuba)    Rapporteurs: Priyanshu Gupta (BHU-Varanasi), Abhiram Nirmal C.S.(CUSAT-Kochi)	
09.00-09.30	<p><b>Introductory talks</b> (5 min each)</p> <p><i>Sridhara Nayak</i> <i>Mandira Singh Shrestha</i> <i>Koji Dairaku</i> <i>Suman Maity</i> <i>Lalu Das</i></p> <p>Q&amp;A (5 min)</p>	

<p>09.30-10.20</p> <p>10.20-10.45</p> <p>10.45-11.00</p>	<p><b>Oral presentations</b></p> <p>Cyclone Mocha: Analyzing Impacts and Advancing Predictive Capabilities for Coastal Resilience (8 min) <b>Mohan Kumar Das</b></p> <p>Adequacy of ROM, a RESM, in capturing the precipitation extremes in Himachal Pradesh, India (8 min) <b>Jyoti Sharma</b></p> <p>Machine learning based lightning prediction over Eastern India (8 min) <b>Javed Akhter</b></p> <p>A study of soil water dynamics in extremely dry and wet rainfall conditions over the core monsoon zone of India (8 min) <b>Mangesh Goswami</b></p> <p>Assessment of extreme rainfall events over the Indian subcontinent during the historical and future projection periods based on CMIP6 simulations (8 min) <b>Suthinkumar P S (ONLINE)</b></p> <p>Frequency of extremes precipitation is projected to increase during the 21st century over Indian River Basins (IRBs) (8 min) <b>Pawan Kumar Chaubey</b></p> <p><b>Poster session D8-P</b></p> <p><b>Lightening Talks</b> (2 min each)</p> <p>Quantifying current and extreme precipitation events in Nepal to inform hydropower stakeholders <b>Katy Richardson (ONLINE)</b></p> <p>Greenhouse forcing and its amplification mechanisms on Africa's Hot days and Night <b>Paul Adigun (ONLINE)</b></p> <p>Optimization and evaluation of the Weather Research and Forecasting (WRF) model for wind energy resource assessment and mapping in Iran <b>Nasim Hossein Hamzeh (ONLINE)</b></p> <p>Impact of North Tropical Atlantic on South Asian Summer Monsoon Variability <b>Ajinkya Aswale</b></p> <p>Exploring the Vertical Moist Thermodynamic Characteristics of the Extreme Rainfall Events over Monsoon Core Region <b>Deepak P</b></p> <p>Future changes in the potential intensity of tropical cyclones over the North Indian Ocean in response to the thermal structure of the atmosphere and the Ocean in CMIP6 models <b>Abhiram Nirmal C. S</b></p> <p>Evaluation of Monsoon Precipitation Extremes in WRF-based Dynamically Downscaled Reanalysis over the Indian Himalayas <b>Rohtash Saini</b></p> <p>Unveiling the Distinguishing Features of Normal and Extreme Cold Wave Events in North India <b>Athira K S</b></p> <p>Sensitivity analysis of physics parameterization schemes for Western Disturbances over the Indian region: A high-resolution WRF model study <b>Raj Pritam Gupta</b></p> <p>Evaluating complexity of the soil moisture - rainfall relation over core monsoon zone of India <b>Madhusudan Ingale</b></p> <p>Assessment of WRF Model in Simulating Heat Wave Events over India <b>Priyanshu Gupta</b></p> <p><b>Q&amp;A and summary</b></p> <p>Contact: Sridhara Nayak (<a href="mailto:nayak.sridhara@n-kishou.co.jp">nayak.sridhara@n-kishou.co.jp</a>), Koji Dairaku (<a href="mailto:dairaku@kz.tsukuba.ac.jp">dairaku@kz.tsukuba.ac.jp</a>), Suman Maity (<a href="mailto:sumanmaity@jamstec.go.jp">sumanmaity@jamstec.go.jp</a>), J Sanjay (<a href="mailto:sanjay@tropmet.res.in">sanjay@tropmet.res.in</a>), Mandira Singh Shrestha (<a href="mailto:mandira.shrestha@icimod.org">mandira.shrestha@icimod.org</a>), Lalu Das (<a href="mailto:daslalu.bckv@gmail.com">daslalu.bckv@gmail.com</a>).</p>
<p><b>09.00-11.00</b> <i>Trieste: 05.30-7.30AM</i></p>	<p><b>Parallel Side Event: WCRP My Climate Risk (MCR) Lighthouse Activity (online and Pune)</b> <i>Jointly organized by IITM, WCRP Hubs (My Climate Risk, Safe Landing) and CORDEX (South Asia and East Asia)</i> <i>Coordinator: Roxy Mathew Koll (IITM-Pune)</i> (@Varahamihira Hall)</p>
<p><b>11.00-11.10</b> <i>Trieste: 7.30-7.40AM</i></p>	<p><b>Health Break + Tea/Coffee</b> @Varahamihira Hall Reception area</p>
<p><b>11.10-11.30</b> <i>Trieste: 07.40-8AM</i></p>	<p><b>Poster Session D8-P</b> @Varahamihira Hall Reception area</p>
<p><b>11.30-12.00</b> <i>Trieste: 8-8.30AM</i></p>	<p><b>Distribution of Participation Certificates</b> <span style="float: right;">R. Krishnan (Director-IITM)</span></p>
<p><b>12.00-13.00</b> <i>Trieste: 8.30-9.30AM</i></p>	<p><b>Lunch</b> @Meghdoot-Basement <b>+ Poster Display D8-P continued</b> @Varahamihira Hall Reception area</p>
<p><b>13.00-15.00</b> <i>Trieste: 9.30-11.30AM</i></p>	<p><b>Last Day Session</b> (Zoom Live Streaming from ICTP-Italy) @Varahamihira Hall <b>Insights from Sessions C and D + The future of CORDEX + Conference Summary</b> Please see details on the conference website: <a href="https://icrc-cordex2023.cordex.org/program/conference-programme/">https://icrc-cordex2023.cordex.org/program/conference-programme/</a></p>
<p><b>15.00-16.00</b> <i>Trieste: 11.30-12PM</i> <i>Trieste Health Break</i></p>	<p><b>Health Break + Tea/Coffee</b> @Varahamihira Hall Reception area</p>
<p><b>16.00-18.00</b> <i>Trieste: 12.30-14.30PM</i></p>	<p><b>Continuation of Last Day Session -Create your Future Workshop</b> (Zoom Live Streaming from ICTP-Italy) <a href="https://icrc-cordex2023.cordex.org/program/create-your-future/">https://icrc-cordex2023.cordex.org/program/create-your-future/</a> 16.00 IST+: IITM Hub participants may join online (via Zoom)</p>