

B-EPICC Project Workshop 2023
Strengthening Resilience Against Climate Change
9th -10th February 2023 at Magnolia Hall, India Habitat Centre, New Delhi

About the project:

The Brazil East Africa Peru India Climate Capacities (B-EPICC) Project is part of the International Climate Initiative (IKI) of the German Federal Ministry for Economic Affairs and Climate Action (BMWK), implemented by the Federal Foreign Office (AA). The Potsdam Institute for Climate Impact Research (PIK) has been leading the execution of the project together with project partner The Energy and Resources Institute (TERI).

The overarching goal of this project has been to strengthen resilience against disruptive weather phenomena and climate change impacts at regional, national, and local levels in five partner countries: Brazil, Ethiopia, India, Peru, and Tanzania. This project has been an opportunity for the partner countries to reduce the gap between climate research and its application in policy, business, and societal decisions, particularly regarding agriculture, biodiversity, hydrology, and water resources, as well as migration.

Day 1: 9th February 2023	
9:00-9:30	<i>Arrival and Registration</i>
9:30-10:30	Inaugural Session
9:30 - 9:40	Welcome Address by Dr Vibha Dhawan , Director General, TERI
9:40 – 9:55	Inaugural Address by Dr Mrutyunjay Mohapatra , Director General of Meteorology, India Meteorological Department (IMD), Government of India
9:55 – 10:05	Update on the B-EPICC Project by Dr Fanny Thornton , Project Lead, B-EPICC Project & Senior Scientist, Potsdam Institute for Climate Impact Research (PIK)
10:05 – 10:15	Short Address by Prof. Elena Surovyatkina , Senior Scientist, PIK
10:15 -10:30	Group Photo
10:30 -11:00	Tea Break
11:00-13:00	<p style="text-align: center;">Monsoon Forecast & Regional Climate Sensitivity</p> <p>The PIK’s project scientists achieved the long-term forecast of the arrival and departure of the Indian Summer Monsoon for the central part of India and Delhi. The Energy and Resources Institute (TERI) aims to produce new knowledge and information at sub-regional scales over India specific to different climate sensitive sectors to assist decision makers and stakeholders in better planning for future. B-EPICC investigates the causal factors for extreme rainfall events over India and their projected changes in future. Together, experts in monsoon forecasting and risk will share fresh perspectives on building resilience to extreme rainfall events. Session also highlights the importance of climate services towards better preparedness.</p>
	Chair: Dr Ajit Tyagi, Former Director General of Meteorology, India Meteorological Department (IMD)
Talk 1 (25 min.)	Forecasting Monsoon for Central India and Delhi - Evidence from Observations Prof. Elena Surovyatkina, Senior Scientist, PIK
Talk 2 (20 min.)	District Level Heavy Rainfall Forecasting over India using a Multi Model Ensemble Tool Dr D. R. Pattanaik, Scientist-F, IMD

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Talk 3 (20 min.)	Seamless Modelling for Weather and Climate Dr Ashis Kumar Mitra, Former Director, National Centre for Medium Range Weather Forecasting (NCMRWF)
Talk 4 (20 min.)	Climate Services towards Resilient Development Mr Saurabh Bhardwaj, Associate Director, CRISIL
12:25 – 13:00	Q&A session and Discussion on Climate, Forecasting and Capacity Building in India
13:00-14:00	Lunch Break
14:00-15:30	<p style="text-align: center;">Climate and Agriculture</p> <p>By identifying particularly vulnerable groups or regions B-EPICC supports more tailored and prioritized adaptation planning. In collaboration with national actors and experts, B-EPICC will adapt to meet the local needs and provide quantitative information on weather and climate related risks to crop yields. Experts in climate change mitigation and agriculture will exchange views on the impact of projected climatic changes on agriculture and how effective mitigative planning incorporating regional climate information can aid in building resilience in the agriculture sector.</p>
	Chair: Prof Tapan Kumar Adhya, Professor, KIIT University, Bhubaneswar, Former Director, ICAR-NRRI, Cuttack
Talk 1 (15 min.)	Climatic Risk Mapping & Management using Geospatial technology Dr Vinay Kumar Sehgal, Principal Scientist, Indian Agricultural Research Institute
Talk 2 (20 min.)	Supporting Crop Insurance by Providing High-Resolution Near-real-time Yield Information and Understanding Changes in Climatic Risks for Smallholder Farmers in India. Dr Stephanie Gleixner, Researcher, PIK & Dr Roopam Shukla, Assistant Professor, IIT Roorkee
Talk 3 (15 min.)	Impact of Climate Variability on Agricultural Production and Price Seasonality Dr Girish Kumar Jha, Principal Scientist, Indian Agricultural Research Institute
Talk 4 (15 min.)	Need for Capacity Building for Climate-Resilient Agriculture Ms Vidhu Kapur, Associate Fellow, TERI
15:05 – 15:30	Q&A session and Discussion on Agriculture and Capacity Building
15:30-16:00	Tea Break
16:00-17:30	<p style="text-align: center;">Panel Discussion: Building Climate Capacities and Resilience in India</p>
	Chair: Dr. Fanny Thornton, Project Lead, B-EPICC Project, PIK
	Ms Suruchi Bhadwal, Director, Earth Science and Climate Change Division, TERI
	Dr Nisha Mendiratta, Advisor and Head - Women in Science & Climate Change Programmes, Department of Science and Technology
	Dr Tapan Kumar Adhya, Professor, KIIT University, Bhubaneswar, Former Director, ICAR-NRRI, Cuttack
	Dr Vijay Kolekar, Chief Agronomist, PoCRA, Government of Maharashtra
	Dr Ashis Kumar Mitra, Former Director, National Centre for Medium Range Weather Forecasting
	Dr Ankit Agarwal, Assistant Professor, Indian Institute of Technology, Roorkee
17:30	Day 1 Closes

Day 2, 10th February 2023

9:15-9:25	<i>Arrival and Registration</i>
9:25-9:30	Opening Remarks by Dr. Fanny Thornton, Project Lead, B-EPICCC Project, PIK
9:30-9:45	Special Remarks by Dr Nisha Mendiratta, Advisor and Head - Women in Science & Climate Change Programmes, Department of Science and Technology (TBC)
9:45-11:30	<p style="text-align: center;">Climate Change and Migration</p> <p>The project analyses the links between climate change impacts, human mobility, and conflict potential. Training and capacity building, as well as policy tools concerning migration and conflict patterns, were developed, and disseminated with stakeholder involvement. Academics and practitioners will discuss the effects of migration caused by climate change on human lives particularly in the Himalayan mountain region.</p> <p>Chair: Mr Sanjay Awasthi, Head, International Organization for Migration (IOM), India</p>
Talk 1 (15 min.)	<p>Global Lessons and Insights about Climate Mobility</p> <p>Dr Fanny Thornton, Project Lead, B-EPICCC Project, PIK</p>
Talk 2 (15 min.)	<p>'We are still here': Climate Change and Immobility in Highly Mobile Himalayan Communities.</p> <p>Ms Himani Upadhyay, Researcher, PIK</p>
Talk 3 (20 min.)	<p>Nature, <i>Homo Sapiens</i> and Migration in Mountaneous regions of Uttarakhand</p> <p>Dr Pankaj Tewari, Executive Director, Aarohi (recorded presentation)</p>
Talk 4 (15 min.)	<p>Report Showcase: Locked Houses, Fallow Lands: Climate Change and Migration in Uttarakhand</p> <p>Mr Santosh Kumar Muriki, Area Convener & Associate Fellow, TERI & Ms Himani Upadhyay, Researcher, PIK</p>
10:50 -11:20	Q&A session and Discussion on Climate Migration and Capacity Building
11:20-11:45	Group photo and Tea Break
11:45-13:00	<p style="text-align: center;">Climate Communication and Visualization</p> <p>Capacity building and knowledge transfer are integral components of B-EPICCC and the climate services generated in the project. Among those services, the web portal ClimateImpactsOnline provides tailor-made visualization solutions to analyse both historic and future climate as well as climate impacts in various sectors. Speakers will share their views on effective climate communication and emerging technologies and platforms for knowledge dissemination</p> <p>Chair: Ms P Anima, Media and Communications Lead, TERI</p>
Talk 1 (15 min.)	<p>Building Climate-Resilient Futures in India: The Way Forward</p> <p>Ms Mechthild Becker, Knowledge Broker, B-EPICCC Project, PIK</p>
Talk 2 (20 min.)	<p>Climate Data Visualization of Indian Climate with ClimateImpactsOnline</p> <p>Dr Thomas Nocke, Computer Scientist and Computer Graphics Researcher, PIK</p>
Talk 3 (15 min.)	<p>Climate communication</p> <p>Ms Aarti Khosla, Founder & Director- Climate Trends</p>



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12:35 –13:00	Q&A session and Discussion on Visualization and Capacity Building
13:00 -13:10	Concluding Remarks: Dr Fanny Thornton, Project Lead, Potsdam Institute for Climate Impact Research
13:10 -14:00	Lunch and Open Networking



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