



TUM x IITB Research Forum 2021: Climate Policy & Action: National and local dimensions in Germany and India

December 17, 2021: 1 – 4 p.m. (CET) | 5:30 – 8:30p.m. (IST)

About the TUM x IITB Research Forum 2021

The TUM x IIT Bombay Research Forum is aimed at bringing together senior as well as junior researchers of TUM, IITB and IITKGP to present and discuss new scientific insights and to serve as a platform for exchange of a broader dialogue with stakeholders.

This year, the online Research Forum series will commence digitally on the theme of 'Climate Policy & Action: National and Local Dimensions in Germany and India', led by the Chair of Environmental and Climate Policy (TUM School of Governance) and IIT Bombay's Department of Humanities and Social Sciences, Convener, Climate Studies Inter-Disciplinary Programme. It will showcase experts from TUM, IIT Bombay, and other distinguished research institutes. This forum will highlight how different members of the Indian and German national & regional communities respond to and assess the challenges posed by the topic of the respective event.

Distinguished speakers from both countries will speak on the global climate pledges made by India, Germany and the European Union, and other major players at COP 26 Glasgow from the perspective of the Indo-German Partnership on climate change. Discussions will focus on current actions, implementation challenges, and future research collaboration opportunities. Students from TUM and IIT Bombay will also have the opportunity to present their current projects at the forum and discover future research possibilities.

These events are coordinated with active support from TUM Global & Alumni Office and TUM Mumbai liaison office in India.

Contact

If you have any questions, please contact the IGP team at TUM via email to igp@tum.de.





Agenda

Opening & Welcome

(5 min)

17:30 IST	13:00 CET	Inauguration of the TUM x IITB Research Forum 2021 moderated by Prof. D Parthasarathy
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High-level Speakers

(20 min p.P.)

17:35 IST	13:05 CET	Mr. Jairam Ramesh, Former Environment Minister, India introduced by Prof. NC Narayanan
17:55 IST	13:25 CET	Mr. Joseph Leinen, Former Member of the European Parliament (MEP) introduced by Prof. Miranda Schreurs

Discussion

(10 min)

18:15 IST	13:45 CET	Discussion moderated by Prof. Miranda Schreurs
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Case Studies from India and Germany

(15 min p.P.)

18:25 IST	13:55 CET	Urban sanitation interventions in Leh, Himalayas presented by Mr. Manas Rath, BORDA, India
18:40 IST	14:10 CET	Solar energy for irrigation in E-India presented by Ms. Neha Durga, IWMI, India
18:55 IST	14:25 CET	Green Hydrogen: Science, Technology, and Public Acceptance presented by Ana María Isidoro Losada, TUM
19:10 IST	14:40 CET	Insights into the European research project PAUL (Pilot Application in Urban Landscapes – towards integrated city observatories for greenhouse gases) presented by Fiona Kinniburgh, TUM

Q&A Session

(20 min)

19:25 IST	14:55 CET	Q&A moderated by Prof. Miranda Schreurs
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Announcement of IGP Student Competition 2022

(5 min)

19:45 IST	15:15 CET	IGP Student Competitions 2022 Teaser presented by Mr. Praval Sharma
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Discussion of Outcomes & Next Steps, Wrap-up

(40 min)

19:50 IST	15:20 CET	Outcomes, Next Steps, Wrap-up & Closing moderated by Prof. D Parthasarathy
20:30 IST	16:00 CET	TUM x IITB Research Forum closes





Forum Speakers (in chronological order)

Prof D Parthasarathy	Department of Humanities and Social Sciences Sociology, IIT Bombay
Prof NC Narayanan	Ashank Desai Centre for Policy Studies, IIT Bombay
Mr Jairam Ramesh	Former Environment Minister, India
Prof Miranda Schreurs	Environment and Climate Policy, Bavarian School of Public Policy, TUM School of Governance
Mr Joseph Leinen	Former Member of the European Parliament (MEP)
Mr Manas Rath	Bremen Overseas Research and Development (BORDA), India
Ms Neha Durga	International Water Management Institute (IWMI), India
Ms Ana María Isidoro Losada	Researcher, TUM School of Governance
Ms Fiona Kinniburgh	Researcher, TUM School of Governance
Mr Praval Sharma	Student, TUM School of Governance

Forum Speaker Bios

Prof. D Parthasarathy	Department of Humanities and Social Sciences Sociology, IIT Bombay
<p>Prof. D Parthasarathy is a professor at the Department of Humanities and Social Sciences Sociology, IIT Bombay, and one of the associated faculty at IIT Bombay's Centre for Urban Science and Engineering, and the Inter-disciplinary Program in Climate Studies. He has earlier worked or held visiting positions at the Australian National University, National University of Singapore, and Leibniz Zentrum Moderner Orient, Berlin. He is the author of <i>Collective Violence in a Provincial City</i>, and has co-edited <i>"Women's Self Help Groups: Restructuring Socio-Economic Development,"</i> and <i>"Cleavage, Connection and Conflict in Rural, Urban and Contemporary Asia"</i>. His research and teaching interests are in areas related to urban studies, law and governance, gender and development, climate studies, and disaster risk and vulnerability. His current research projects and recent publications are in areas related to environmental / resource conflicts and contestations, climate change, uncertainty and transformation, and coastal transformation and fisher well-being.</p>	

Prof. NC Narayanan	Ashank Desai Centre for Policy Studies, IIT Bombay
<p>Prof. NC Narayanan is Professor at the Ashank Desai Centre for Policy Studies (ADCPS) at the Indian Institute of Technology Bombay, Mumbai, India. He is an Adjunct Professor at the National Institute of Advanced Studies, IISC campus, Bangalore; Visiting faculty at the Tata Institute of Social Studies,</p>	





Mumbai; Shiv Nadar University. He was a Fulbright Fellow at the University of California Berkeley and Visiting fellow at Universities of Lausanne, Switzerland and Monash Australia. He was earlier Executive Director of the South Asia Consortium for Interdisciplinary Water resources Studies (SaciWaters) and faculty at the Institute of Rural Management, Anand (IRMA). His areas of interest are Water/Sanitation/Climate Policy Process, Local Governance, Coastal Wetland Management, Trans-disciplinary research and Political ecology of resource use.

Mr. Jairam Ramesh

Former Environment Minister, India

Mr. Jairam Ramesh is a Member of the Indian Parliament, a position he has held since 2004. In 2011 Jairam Ramesh was appointed Minister of Rural Development and Minister of the new Ministry of Drinking Water and Sanitation. Between May 2009 and July 2011, he was Minister of State at the Ministry of Environment and Forests. Jairam has accepted the offer to serve as a member of the International Advisory Board (IAB) which gives strategic policy advice to the Executive Director of United Nations Environment Programme (UNEP) on the programmatic direction of International Environmental Technology Centre (IETC).

He has a Bachelor's degree in Mechanical Engineering from IIT Bombay and pursued a Master's degree in Public Policy and Public Management from Carnegie Mellon University

In his early career, he has worked in the World Bank, the Bureau of Industrial Costs and Prices, the Planning Commission, and as advisor in the Ministries of the Central Government. He has authored several books and a regular columnist in many newspapers.

Prof. Miranda Schreurs

Environment and Climate Policy, Bavarian School of Public Policy, TUM School of Governance

Prof. Miranda Schreurs' main research areas are in international and comparative climate policy, environmental politics, and low-carbon energy transitions. She is involved in projects examining the energy transitions in Germany and Japan; climate policies of Europe, the United States, and China; and the politics of high-level radioactive waste disposal. In 2011 Schreurs was appointed by Chancellor Angela Merkel as a member of the German Ethics Commission on a Safe Energy Supply. From 2008 until 2016 she served as member of the German Advisory Council on the Environment and is vice chair of the European Environment and Sustainable Development Advisory Councils.

Prof. Schreurs has her BA and MA from the University of Washington and her Ph.D. from the University of Michigan. She has researched and taught at various Japanese universities and for a period of three years conducted research at the John F. Kennedy School of Government, Harvard University supported by a grant awarded by the MacArthur Foundation. She was a tenured associate professor in the Department of Government and Politics, University of Maryland, College Park before becoming director of the Environmental Policy Research Center and Professor of Comparative Politics at the Freie Universität Berlin in 2007.





Mr. Joseph Leinen

Former Member of the European Parliament (MEP)

Joseph Leinen is a German politician and a former member of the European Parliament who studied law and economics in Bonn and Saarbrücken and works as a lawyer for environmental questions in Freiburg.

From 1985 until 1999, Leinen was a Member of the Landtag of Saarland. He served as State Minister of the Environment in the government of Minister-President Oskar Lafontaine between 1985 and 1994. From 1999 until 2019, Mr Leinen served as Member of the European Parliament (MEP). In the Parliament, he was, among other things, Chairman of the Delegation for Relations with the People's Republic of China (D-CN) and a member of the Conference of Delegation Chairmen (CPDE) and the Committee on Constitutional Affairs (AFCO), of which he was Chairman from 2004 to 2009 and Vice-Chairman from 2002 to 2004. From 2004, he was the President of some key Committees and Delegations in the EP. In 2015, Leinen was one of the Parliament's two rapporteurs on a set of proposed changes to EU electoral law that sought to regularize a variety of different electoral systems across the EU. In the negotiations to form a coalition government under the leadership of Chancellor Angela Merkel following the 2017 federal elections, he was part of the working group on European policy, led by Peter Altmaier, Alexander Dobrindt and Achim Post.

Mr. Manas Rath

Bremen Overseas Research and Development (BORDA), India

Manas is a senior advisor at BORDA, developing investment models and PPPs for wastewater treatment and Faecal Sludge Management (FSM), and helping small towns improve sanitation and public hygiene. He is the India advisor to the Dutch WASH-focused Take-a-Stake Impact Investment Fund and founder of LEAP Cities (Leadership, Excellence and Partnership for Cities) which provides long-term management support to businesses that are making Indian cities more sustainable, liveable, healthier and happier. His earlier experience includes doing private equity and merger transactions at Aventus Capital, and running leadership programs at Dasra. Manas is a graduate of MIT and the Sloan School of Management, is enrolled in the PhD program at IIT-Bombay, and is a Reiki Master and student of Vedanta, Buddhist and Gandhian philosophy.

Ms. Neha Durga

International Water Management Institute (IWMI), India

Neha Durga is a researcher with International Water Management Institute and a research scholar with CPS, IIT Bombay. She has close to 10 years of experience working in energy and water policy analysis. She is currently looking at how energy transition can be leveraged for improving climate resilience in agriculture and is exploring opportunities offered by solar powered irrigation for South Asian agriculture. She has published in journals like Economic and Political Weekly, Environment Research Letters and dailies like financial express. She is a graduate from Institute of Rural Management Anand and Jamia Millia Islamia, Delhi.





Ms. Ana María Isidoro Losada

Researcher, TUM School of Governance

Ana María Isidoro Losada has been a research associate at the Chair of Environmental and Climate Policy at the School of Public Policy at the Technical University of Munich since July 2021. She is conducting research as part of the interdisciplinary joint project "Trans4Real - Transfer Research for the Real Laboratories of the Energy Transition on Sector Coupling and Hydrogen" funded by the Federal Ministry for Economic Affairs and Energy (BMWi). Ana María Isidoro Losada is also working part-time at the Environmental Policy Research Centre (FFU) at the Freie Universität Berlin (FUB) in the Horizon 2020 project "COME RES - Community Energy for the uptake of renewable energy sources in the electricity sector. Connecting long-term visions with short-term actions". From 2013 to 2020, she was a research associate at the Environmental Policy Research Centre (FFU) at FUB and conducted research on politics of nuclear waste governance.

Her specific research interests include socio-technical transformation, energy and resource policy as well as multi-level governance, participative decision-making processes and the comparison of democracies and autocracies.

Ms. Fiona Kinniburgh

Researcher, TUM School of Governance

Fiona Kinniburgh is a Research Fellow and doctoral candidate in Environmental Politics and Technology in the Chair of Environmental and Climate Policy at TUM's Department of Governance. Her PhD research focuses on the phase-out of pesticides in the agricultural sector, under the supervision of Prof. Dr. Miranda Schreurs (TUM) and IAS Hans Fischer Senior Fellows Dr. Noelle Selin (Massachusetts Institute of Technology) and Dr. Henrik Selin (Boston University). Prior to joining the Chair in January 2019, she worked on agricultural and biodiversity policy at the Institute for Sustainable Development and International Relations (IDDRI) in Paris, focusing on the preparation of the post-2020 framework of the Convention on Biological Diversity. Previously, Fiona also contributed to the Risky Business Project, an initiative to assess and publicize the risks of climate change to agriculture, health, coastal infrastructure, energy, and other sectors in the United States. She received her Bachelor's degree in Sustainable Development from Columbia University and her Master's in Environmental Policy from Science Po's Paris School of International Affairs.

Mr. Praval Sharma

Student, TUM School of Governance

Praval Sharma is a student of the M.Sc. Politics and Technology program at TUM. Prior to joining TUM, he worked as a Structural Design Engineer for two years and subsequently worked as a Consultant for School Infrastructure for the Ministry of Education, Government of India, for four years. He is primarily interested in Environmental and Climate policy and Citizen engagement in Governance.

