

Ganesh Gorti

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Professional and Research Interests

Climate policy and governance
Climate change adaptation and resilience
Developmental politics and local governance

Education

University of Colorado Boulder, Boulder, CO
Ph.D., Political Science (Public policy), 2024 (expected)
M.A., Political Science (Public policy), 2021
TERI School of Advanced Studies, New Delhi, India
M.Sc., Climate Science and Policy, 2015
Osmania University, Hyderabad, India
B.Sc., Chemistry, Biochemistry, and Microbiology, 2013

Employment

- **University of Colorado Boulder**, Boulder, CO
Graduate Teaching Assistant, August 2019 – Present
Graduate Research Assistant, Summer 2020 & 2021
 1. **Lead author:** Employed a quasi-experimental research method to test the effect of a public policy intervention on inequality–confidence in public institutions association in India
 2. **Co-author:** Conducted research on factors that promote female leadership in decentralised natural resource governance institutions in Nepal
 3. **Teaching Assistant** for a course on Introductory International Relations
- **The Energy and Resources Institute (TERI)**, New Delhi, India
Research Associate, January 2017 – May 2019

Consultant, January 2016 – January 2017

Research Intern, December 2014 – June 2015

1. **Co-Principal Investigator:** ICAT Adaptation Metrics, 2018-2019

This project, funded through UNEP-DTU partnership, aimed at developing bottom-up metrics, driven largely by communities and the policy-makers, for measuring adaptation in India and other partner countries. The project aimed to also build capacities at the state and central levels to help meet the transparency and global stocktake goals under the Paris Agreement.

2. **Co-Principal Investigator:** Strengthening Non-State Climate Action in the Global South, 2017-2019

This project, funded by the VolkswagenStiftung (Volkswagen Foundation), aimed at documenting and analysing the drivers leading to and enabling non-state and sub-state climate action in the Global South. The project involved stakeholder interactions with industries, civil society organizations, and local bureaucrats to ascertain climate actions that are not otherwise documented.

3. **Co-Principal Investigator:** Country Table Engagement - Collaborative Adaptation Research Initiative in Africa and Asia (CARIAA), 2017-2018

This project, funded by IDRC and DFID, aimed at synthesizing work from three large adaptation research consortia (ASSAR, DECCMA, HI-AWARE) working in India to help strengthen action, and inform policies at the national level. The project aimed to put research into use by creating a dialogue between researchers and policymakers.

4. **Work-package lead:** United Nations Development Programme—Ridge to Reef Programme, 2019

This project, funded by the Global Environment Facility (GEF), aimed to preserve biodiversity, ecosystem services, sequester carbon, improve climate resilience and sustain livelihoods through a ridge to reef management of priority water catchments on the two main islands of Fiji. The project involved stakeholder interactions with communities to ascertain needs and with policymakers to understand policy loopholes.

5. **Core team member:** Himalayan Adaptation, Water and Resilience (HI-AWARE) – Collaborative Adaptation Research Initiative in Africa and Asia (CARIAA), 2016-2019

This project, funded by IDRC and DFID, aimed to understand and enhance the adaptive capacities of the most vulnerable people living in the mountain, foothills and plains of the snow-pack dependent river basins in India. The project involved extensive community engagement over a period of 4 years.

• **Indian Institute for Human Settlements (IIHS), Bengaluru, India**

Research Intern, July 2015 – October 2015

1. **Team member:** Adaptation at Scale in Semi-Arid Regions (ASSAR) – Collaborative Adaptation Research Initiative in Africa and Asia (CARIAA), 2015

This project, funded by IDRC and DFID, aimed at understanding the barriers, enablers and limits to effective, sustained and widespread adaptation in the Semi-Arid regions of Africa and Asia.

• **TERI School of Advanced Studies, New Delhi, India**

Summer Intern, May 2014 – July 2014

1. **Team member:** Climate Change Innovation Programmes' (CCIP) Scoping Study on State Action Plans on Climate Change (SAPCC), 2014

This project, a core part of DFID's Climate Change Innovation Programme's initial phase, aimed at assessing the State's institutional capacity requirements for implementing climate adaptation and mitigation strategies effectively, in India.

Publications

Refereed journal articles

1. Prabhat Upadhyaya, Manish Kumar Shrivastava, [Ganesh Gorti](#), and Saliem Fakir. Capacity building for proportionate climate policy: Lessons from India and south Africa. *International Political Science Review*, 42:130–145, 2021. Available at <https://doi.org/10.1177/0192512120963883>
2. Cor Jacobs, Tanya Singh, [Ganesh Gorti](#), Usman Iftikhar, Salar Saeed, Abu Syed, Farhat Abbas, Bashir Ahmad, Suruchi Bhadwal, and Christian Siderius. Patterns of outdoor exposure to heat in three South Asian cities. *Science of the Total Environment*, 674:264–278, 7, 2019. Available at <https://doi.org/10.1016/j.scitotenv.2019.04.087>
3. Suruchi Bhadwal, Ghanashyam Sharma, [Ganesh Gorti](#), and Sudeshna Maya Sen. Livelihoods, gender and climate change in the Eastern Himalayas. *Environmental Development*, 31:68–77, 9, 2019. Available at <https://doi.org/10.1016/j.envdev.2019.04.008>
4. Tanzina Dilshad, Dwijen Mallick, Pranita B. Udas, Chanda G. Goodrich, Anjal Prakash, [Ganesh Gorti](#), Suruchi Bhadwal, Muhammad Zubair Anwar, Neha Khandekar, S. M. Tanvir Hassan, Nusrat Habib, Saqib Shakeel Abbasi, Md Abu Syed, and Atiq Rahman. Growing social vulnerability in the river basins: Evidence from the Hindu Kush-Himalaya (HKH) region. *Environmental Development*, 31:19–33, 9, 2019. Available at <https://doi.org/10.1016/j.envdev.2018.12.004>
5. Neha Khandekar, [Ganesh Gorti](#), Suruchi Bhadwal, and Vani Rijhwani. Perceptions of climate shocks and gender vulnerabilities in the Upper Ganga Basin. *Environmental Development*, 31:97–109, 9, 2019. Available at <https://doi.org/10.1016/j.envdev.2019.02.001>

Under review

6. Premsagar Tasgaonkar, Dipak Zade, Sana Ehsan, [Ganesh Gorti](#), Nabir Mamnun, Christian Siderius, and Tanya Singh. Indoor Heat Measurement Data from Low-income Households in Rural and Urban South Asia

Selected working papers

7. [Ganesh Gorti](#), Nathan Cook, and Krister Andersson. The problem of inequalities for local institutions and how rural development programs can help: Evidence from India
8. Nathan Cook, Michelle Benedum, [Ganesh Gorti](#). Promoting Female Leadership Under Natural Resource Decentralization: The Roles of Domestic Policy, International Aid, and Population Change
9. Tanya Singh, Christian Siderius, [Ganesh Gorti](#), Sana Eshan, Suruchi Bhadwal, Nabir Mamnun, Mohammad Ibrahim, Cor Jacobs. Recalibrating the urban thermometer - indoor heat exposure in a low income setting in South Asia
10. Manish Kumar Shrivastava, Kennedy Mbewa, Thomas Hale, Sander Chan, Victoria Chengo, Rhea Puri, Mekhala Sastry, Kavya Michael, [Ganesh Gorti](#), Joanes Atela. Mapping non-state climate action in India and Kenya: Overcoming the “Streetlight effect” in research on sub- and non-state climate action

Selected policy briefs

11. [Ganesh Gorti](#), Bashir Ahmad, Suruchi Bhadwal, Neha Bharti, Tanvir Hassan, Avash Pandey. Strengthening Decisions for Adaptation through Multi-Stakeholder Engagement. HI-AWARE Brief: Kathmandu. 2018. Available at <http://hi-aware.org/wp-content/uploads/2018/10/KM11.pdf>.

12. Amir Bazaz, Prathigna Poonacha, Maitreeyi Koduganti, Suruhci Bhadwal, [Ganesh Gorti](#), Tuhin Ghosh, Ramkumar Bendapudi. Climate Adaptation Policy: Key Findings and Recommendations. Indian Institute for Human Settlements (IIHS): Bengaluru. 2018. Available at <http://iihs.co.in/knowledge-gateway/wp-content/uploads/2018/06/Climate-Adaptation-Policy-Key-Findings-and-Recommendations-1.pdf>.

Grants

1. **Institute of Behavioral Science (IBS), CU Boulder**
Graduate Summer Research Assistant Grant, USD 2500, Summer 2020
2. **Institute of Behavioral Science (IBS), CU Boulder**
Graduate Summer Research Assistant Grant, USD 2500, Summer 2021
3. **International Development Research Centre (IDRC)–Department for International Development (DFID)**
Country Table Engagement under the Collaborative Adaptation Research Initiative in Africa and Asia (CARIAA), CAD 70000, 2017-2018

Selected conference panels

1. **Interrogating State Interventions, Citizen Demands, Welfare (2021)**
Understanding Contemporary South Asia, Kings College India Institute, London
2. **New Climate Leadership – State and Non-State drivers of worldwide ambition (2018)**
Global Climate Action Summit, San Francisco, USA
3. **Climate-smart and sustainable agriculture in the face of climate change (2018)**
Science, Technology Innovation for Development - the 18th Global Development Conference, New Delhi, India
4. **Himalayan ecosystem and climate change (2017)**
India Pavilion, Conference of Parties 23, Bonn, Germany
5. **Understanding the role of multicriteria decision analysis in transformative disaster risk governance (2017)**
8th Conference of the International Society for Integrated Disaster Risk Management (IDRiM 2017), Reykjavik, Iceland

Field work experience

India (2014 – 2018), **Bangladesh** (2017), **Fiji** (2019)

Software proficiency

R, Stata, Python (Scikit-learn, GeoPandas, NumPy)

References available on request