

Ganesh Gorti

PhD student in Political Science
Department of Political Science
University of Colorado Boulder
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[Website](#)

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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

Publications

Refereed journal articles

1. 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. Accepted in principle at Nature: Scientific Data, 2022.
2. 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>
3. 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>
4. 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>
5. 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 KushHimalaya (HKH) region. *Environmental Development*, 31:19–33, 9, 2019. Available at <https://doi.org/10.1016/j.envdev.2018.12.004>

6. 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

7. Nathan Cook, Michelle Benedum, [Ganesh Gorti](#), and Sitashma Thapa. Promoting Female Leadership Under Natural Resource Decentralization: The Roles of Domestic Policy, International Aid, and Population Change (Draft available on request)

Selected working papers

8. [Ganesh Gorti](#), Nathan Cook, and Krister Andersson. The problem of inequalities for local institutions and how rural development programs can help: Evidence from India (Draft available on request)
9. [Ganesh Gorti](#), Nathan Cook, and Krister Andersson. Does district size improve socioeconomic and governance outcomes? (Data analysis)
10. Manish Kumar Shrivastava, Kennedy Mbewa, Thomas Hale, Sander Chan, Victoria Chengo, Rhea Puri, Mekhala Sastry, Kavya Michael, [Ganesh Gorti](#), and Joanes Atela. Mapping non-state climate action in India and Kenya: Overcoming the “Streetlight effect” in research on sub- and non-state climate action
11. Tanya Singh, Christian Siderius, [Ganesh Gorti](#), Sana Eshan, Suruchi Bhadwal, Nabir Mamnun, Mohammad Ibrahim, and Cor Jacobs. Recalibrating the urban thermometer - indoor heat exposure in a low income setting in South Asia
12. Suruchi Bhadwal, Sambita Ghosh, [Ganesh Gorti](#), Mini Govindan, Divya Mohan, Prasoon Singh, Sreoshi Singh, and Yamini Yogya. The Upper Ganga Basin: will drying springs and rising floods affect agriculture? 2017. Available at <https://lib.icimod.org/record/32708> (Permanent Working Paper)

Selected policy briefs

13. [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>.
14. Amir Bazaz, Prathigna Poonacha, Maitreyyi Koduganti, Suruchi Bhadwal, [Ganesh Gorti](#), Tuhin Ghosh, Ramkumar Bendapudi. Climate Adaptation Policy: Key Findings and Recommendations. Indian Institute for Human Settlements (IIHS): Bengaluru. 2018.

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. **Core team member:** Himalayan Adaptation, Water and Resilience (HI-AWARE) –Collaborative Adaptation Research Initiative in Africa and Asia (CARIAA), 2016-2019
 - Developed two pilot projects on indoor heat resilience (5 household beneficiaries) and sustainable mountain agriculture (40 household beneficiaries)
 - The latter was showcased as a potential strategy to help agriculture and the mountain ecosystem in a meeting with the Prime Minister of India.
 - Led/contributed to 3 policy briefs, 4 peer-reviewed journal articles, and 5 policy and practitioner stakeholder consultations on vulnerability and adaptation to climate change
 - Projects outputs were referred to in a Sustainability Bill that was considered by a state legislature
2. **Co-Principal Investigator at TERI:** Strengthening Non-State Climate Action in the Global South, 2017-2019
 - Co-led work on primary and secondary data collection
 - Developed one of a kind database on sub-state and non-state climate action in India
 - Initial project findings were released as a policy brief at the Global Climate Action Summit 2018
3. **Co-Principal Investigator at TERI:** ICAT Adaptation Metrics, 2018-2019
 - Co-led the work on proposal development, identified project activities, and was liaising with government and civil-society stakeholders in the run-up to project launch
 - Activities led to the launch of one of the first national-level projects on Adaptation Metrics in India, in line with Paris Agreement's Transparency framework.
4. **Work-package lead:** United Nations Development Programme—Ridge to Reef Programme, 2019
 - Conducted sustainable livelihoods scoping study for the Government of Fiji on behalf of UNDP
 - The project aimed at incorporating community and policymaker priorities to chart a path for a larger project that aimed at mainstreaming sustainable development in Small Island Developing States.
5. **Co-Principal Investigator at TERI:** Country Table Engagement - Collaborative Adaptation Research Initiative in Africa and Asia (CARIAA), 2017-2018
 - Synthesized regional findings from 7 Indian states on vulnerability and adaptation to climate change with an aim to mainstream it into decision-making
 - Led a collaboration with the Sustainable Development Mountain Summit 2017 which brought together policymakers and politicians from mountain states in India
 - Developed policy briefs that communicated the key findings on regional vulnerability and adaptation to climate change, and were disseminated to relevant stakeholders through a high-level policy dialogue

• **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

I led work on secondary and literature research on maladaptation to climate change. My work contributed to the development of a research paper on maladaptation in India.

- **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

I conducted research on state-level institutional strengths and weaknesses in the implementation of state climate change action plans.

Grants and Awards

1. **Institute of Behavioral Science (IBS), CU Boulder**
Graduate Summer Research Assistant Grant, USD 2500, Summer 2020 and 2021
2. **Department of Political Science, CU Boulder**
Co-authorship grant, USD 1750, Summer 2020
3. **Best Masters' Paper – Runner-up**
Department of Political Science, CU Boulder, 2021

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

Field-work experience

India (2014– 2018), Fiji (2019)

Language proficiency

Computer: R (proficient), Stata (intermediate), Python (beginner)

Spoken: English (proficient), Telugu (proficient), Hindi (proficient), Tamil (beginner)

Service and membership

Reviewer for journals: PLOS One and Discover Sustainability (Springer Nature)

Member: Midwest Political Science Association, American Political Science Association

Media reports

1. <https://www.c40.org/what-we-do/scaling-up-climate-action/adaptation-water/the-future-we-dont-want/heat-extremes/>

References available on request