

# Ganesh Gorti

PhD candidate in Political Science  
Department of Political Science  
University of Colorado Boulder  
Boulder, CO, USA

[ganesh.gorti@colorado.edu](mailto:ganesh.gorti@colorado.edu)

[Website](#)

[Google Scholar](#)

## 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)

Dissertation: How do nonstate actors shape citizen-state relationships?

Committee: Krister Andersson (Chair), Carew Boulding, and Andrew Philips

Fields: Public Policy, Comparative Politics, and Methodology.

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. *Nature: Scientific Data*, 9 285 (2022). Available at <https://doi.org/10.1038/s41597-022-01314-5>
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 Kush Himalaya (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 (R&R at Environmental Science & Policy)

### 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)
  - Best Masters' Paper Award – Runner-up, Department of Political Science, CU Boulder, 2021
9. [Ganesh Gorti](#). Non-targeted policies can also enhance risk perceptions: COVID-19, local-level emergency orders, and mobility patterns (Draft available on request)
10. [Ganesh Gorti](#). Heat stress management in urban India
11. [Ganesh Gorti](#). Non-governmental organizations, inequalities, and political participation. (Data analysis)
12. 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 (Draft available on request)
13. 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 (Draft available on request)
14. 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

15. [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>.
16. 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*

*Graduate Assistant, Fall 2022 and Spring 2023*

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 Introduction to International Relations (Fall 2019 through Spring 2022)
4. As a **Graduate Assistant** with the training and DEI programs of the Institute of Behavioral Science, I support work on institute-wide DEI initiatives and also organize graduate training and research activities within the institute. The Institute currently supports close to 75 graduate students.

- **The Energy and Resources Institute (TERI)**, New Delhi

*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 (CARIAS), 2016-2019
  - Developed two pilot projects on indoor heat resilience (5 household beneficiaries) and sustainable mountain agriculture (40 household beneficiaries); liaised with two regional partner organizations and local level community leaders
  - 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; managed a team of 5 researchers; liaised with partners organizations
  - Developed one of a kind database on sub-state and non-state climate and sustainable development 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 to discuss mainstreaming climate action and identifying co-benefits
  - 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. Large grant, USD 10000, 2022, Department of Political Science, CU Boulder
2. Co-authorship grant, USD 2000, Summer 2022, Department of Political Science, CU Boulder
3. Graduate Summer Research Award, USD 7500, across Summer 2020, 2021, and 2022, Institute of Behavioral Science (IBS), CU Boulder
4. Small Grant Award, USD 500, Spring 2022, Institute of Behavioral Science (IBS), CU Boulder
5. Travel Grant, USD 400, Spring 2022, Department of Political Science, CU Boulder
6. Best Masters' Paper – Runner-up, 2021, Department of Political Science, CU Boulder
7. Co-authorship grant, USD 1750, Summer 2020, Department of Political Science, CU Boulder
8. Country Table Engagement, CAD 70000, Co-Principal Investigator at TERI, 2017-2018, International Development Research Centre (IDRC) and Department for International Development (DFID)

## Selected conference panels

1. Midwest Political Science Association, Chicago -- Public policy subfield panel (2022)
2. Understanding Contemporary South Asia, Kings College India Institute, London -- Interrogating State Interventions, Citizen Demands, & Welfare panel (2021)
3. Graduate Poster Presentation, Institute of Behavioral Science, CU Boulder (2021)
4. Global Climate Action Summit, San Francisco, New Climate Leadership – State and Non-State drivers of worldwide ambition panel (2018)
5. Science, Technology Innovation for Development - the 18th Global Development Conference, New Delhi, India -- Climate-smart and sustainable agriculture in the face of climate change (2018)
6. India Pavilion, Conference of Parties 23, Bonn, Germany -- Himalayan ecosystem and climate change (2017)
7. International Society for Integrated Disaster Risk Management Conference, Iceland – Governance and Resilience panel (2017)

## Field-work experience

India (2014– 2018, 2022), 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)

Membership: 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/>
2. <https://insideclimatenews.org/news/07052022/heatwave-india-pakistan-deaths-health-risks/>

*References available on request*

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