

# DEEPAK KUMAR

Last updated: September 2025

Email: [deepak21@vt.edu](mailto:deepak21@vt.edu); [dk.deep2711@gmail.com](mailto:dk.deep2711@gmail.com)

Hutcheson Hall, Virginia Tech ◊ 250 Drillfield Drive ◊ Blacksburg, VA 24061

## EDUCATION

---

Ph.D. in Economics, AAEC, Virginia Tech	Expected 2026
M.S. in Agricultural and Applied Economics, Virginia Tech	2025
M.A. in Economics, Jawaharlal Nehru University, India	2017
B.Sc. in Statistics, Hindu College, Delhi University, India	2015

## RESEARCH INTERESTS

---

Intersection of development and environmental economics; focusing on disaster risk, climate adaptation, extreme weather, and conflict-driven migration, with a strong emphasis on policy evaluation.

## PUBLICATIONS & RESEARCH PAPERS

---

### Published

- Pandey, V., Rathi, A., & Kumar, D. (2023). “Governance response during COVID-19 and political affirmative action: Evidence from local governments in India.” *Public Administration and Development*, 43(2), 185-195.
- Pandey, V., Singh, S., & Kumar, D. (2022). “COVID-19, information management by local governments, and food consumption.” *Food Policy*, 110, 102278.
- Sutar, G., Arrawatia, R., Dhalmahpatra, K., Garg, A., & Kumar, D. (2022). “Performance assessment of Dairy Cooperative Societies (DCSs): an AHP-based composite index approach.” *Annals of Operations Research*, 326(2), 751-782.
- Pandey, V., Nagarajan, H. K., & Kumar, D. (2021). “Impact of gendered participation in market-linked value-chains on economic outcomes: Evidence from India.” *Food Policy*, 104, 102142.

### Dissertation Papers

- “Weaker Typhoons and Economic Impact: Evidence from Vietnam,” with Anubhab Gupta and Chi Ta.
- “A Gendered Approach to Economic Impacts of Refugee Aid in Kenya,” with Anubhab Gupta, J. Edward Taylor and Justin Kagin.
- “From Strangers to Neighbors: Does Refugee-Host Integration Help Local Economic Development,” with Anubhab Gupta.

## Other Working Papers

- "Investigating the Retrieval Effect with and without AI Support: A Randomized Controlled Trial among College Students," with George Davis
- "The Local Economywide Effects of Reduced Refugee Assistance in Uganda," with Anubhab Gupta, Tao Qi, Heng Zhu, J. Edward Taylor and Justin Kagin.
- "Cost of Inaction: Impacts of Reduced Food Assistance on Welfare Outcomes in Somalia," with Anubhab Gupta, J. Edward Taylor and Justin Kagin.
- "Food Vulnerability during Shocks and Women's Bargaining Power: Evidence from Indian Cooperatives," with Vivek Pandey, Hari K. Nagarajan, and Harpreet Singh.

## PRESENTATIONS

---

- "Weaker Typhoons and Economic Impact: Evidence from Vietnam." Agricultural and Applied Economics Association (AAEA) Annual Meeting, July 2025; Association of Environmental and Resource Economists (AERE) Summer Conference, June 2024; Virginia Association of Economists (VAE) Annual Meeting, April 2024.
- "A Gendered Approach to Economic Impacts of Refugee Aid in Kenya." Agricultural and Applied Economics Association (AAEA) Annual Meeting, July 2023; Virginia Association of Economists (VAE) Annual Meeting, April 2024; Graduate and Professional Student Senate (GPSS) Annual Research Symposium, March 2024.
- "Cost of Inaction: Impacts of Reduced Food Assistance on Welfare Outcomes in Somalia." Agricultural and Applied Economics Association (AAEA) Annual Meeting, July 2024 (Poster).
- "Teaching and Learning in Applied Economics." Conference on Higher Education Pedagogy (CHEP), Virginia Tech, February 2024; February 2025 (Attended).

## POLICY PUBLICATIONS

---

- "Adoption of Agricultural Technologies by Smallholder Farmers: A Synthesis of Empirical Evidence." Deepak Kumar & Miki Khanh Doan. World Bank.
- "The Cost of Inaction: Impacts of WFP Assistance Shortfalls on Food Security Outcomes in Somalia." Policy Report. Partner Agency: United Nations World Food Programme (WFP).
- "The Cost of Inaction: Impacts of WFP Refugee Assistance Shortfalls on Food Security Outcomes in Uganda." Policy Report. Partner Agency: United Nations World Food Programme (WFP).
- "End-line Program Evaluation of Sustainable Livelihoods and Adaptation to Climate Change." Evaluation Report. World Bank.
- "Performance Evaluation of Dairy Cooperative Societies (DCSs) formed under National Dairy Plan Phase-I." Evaluation Report. National Dairy Development Board (NDDB), India.

## GRANTS

---

## AWARDS AND HONORS

---

AAEA Travel Grant, Virginia Tech	2025
AERE Summer Conference Travel Scholarship	2024
NAREA Student Scholarship	2024
Graduate Teaching Scholar (GTS) Scholarship, Virginia Tech	2023–2026
GPSS Travel Grant, Virginia Tech	2022–2025
Graduate Assistantship, Virginia Tech	2021–2026

## RESEARCH EXPERIENCE

---

<b>Research Assistant</b> , Virginia Tech	Aug 2021–Present
<b>Short-Term Consultant</b> , World Bank	May 2025–Jun 2025
<b>Research Fellow</b> , Verghese Kurien Policy Lab, IRMA	Jul 2020–Jul 2021
<b>Research Associate</b> , Verghese Kurien Policy Lab, IRMA	Feb 2018–Jun 2020

## TEACHING EXPERIENCE

---

### **Instructor – Virginia Tech**

AAEC 3204: International Agricultural Development and Trade (30 students, Fall 2024)  
Average student evaluation: 4.9/6 (100% response rate).

### **Teaching Assistant (Co-Instructor) – Virginia Tech**

AAEC 1003: Economics of the Food & Fiber System (120 students, Fall 2025)  
Responsible for teaching one-third of the lectures.

### **Teaching Assistant – Virginia Tech**

AAEC 3204: International Agricultural Development and Trade (Fall 2022, Fall 2023)

### **Instructor – Institute of Rural Management Anand, India**

Stata for Econometric Methods for Impact Evaluation (MBA, 35 students, Fall 2019)

## ACADEMIC SERVICE

---

Reviewer: *Journal of Environmental Economics and Management*, Southern Economic Association  
Graduate Student Seminar Chair, Virginia Tech, 2023–2024

## PROFESSIONAL MEMBERSHIPS

---

Agricultural and Applied Economics Association (AAEA)  
Association of Environmental and Resource Economists (AERE)  
Northeastern Agricultural and Resource Economics Association (NAREA)  
Virginia Association of Economists (VAE)  
North American Colleges and Teachers of Agriculture (NACTA)

## SKILLS

---

**Technical:** Stata, R, Python, SPSS, Matlab, Google Earth Engine  
**Languages:** English (Fluent), Hindi (Native), Bhojpuri (Native), Oriya (Beginner)

## REFERENCES

---

Available upon request.