

# DEEP MUKHERJEE

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## **Current Affiliation:**

- Assistant Professor, Indian Institute of Technology Kanpur, June 2014 –till date

## **Education:**

- Ph.D., Agricultural & Resource Economics, University of Connecticut, 2012  
(*Dissertation: Agricultural Sustainability in the Face of Climatic Change: Challenges and Opportunities*  
Advisors: Farhed A. Shah & Boris E. Bravo-Ureta)
- M.S., Agricultural & Resource Economics, University of Connecticut, 2009
- M.S., Quantitative Economics, Indian Statistical Institute, 2004
- B.A. (Honors), Economics, Jadavpur University, 2002

## **Research Areas:**

- Cost Benefit Analysis, Efficiency & Productivity Analysis, Program Evaluation, Valuation of Environment and Public Goods

## **Employment History:**

- Visiting Faculty, Rajiv Gandhi Institute of Petroleum Technology, Oct–Nov 2017
- Post-doctoral Research Associate, Dept. of Economics, University of Glasgow, January 2013 – March 2014
- Post-doctoral Fellow, Dept. of Ag. & Resource Economics, University of Connecticut, July 2012 – November 2012
- Graduate Assistant, Dept. of Ag. & Resource Economics, University of Connecticut, August 2007 – May 2012
- Business analyst, GENPACT (formerly GE Capital), India, June 2004 – July 2007

## **Publication in Peer-reviewed International Journals (\* denotes corresponding author paper):**

- “Drivers of greenhouse gas emissions in the United States: revisiting STIRPAT model.” *Environment, Development and Sustainability* (2018): 1-17. (With M.K. Singh) \*
- “Climate change and land use in Southeastern U.S.: Did the “dumb farmer” get it wrong?” *Climate Change Economics*, 7 (2016): 1–35. (With T. Tsvetanov, L. Qi, F.A. Shah, and B.E. Bravo-Ureta)
- “The good and the bad: Environmental efficiency in northeastern U.S. dairy farming.” *Agricultural & Resource Economics Review*, 45 (2016): 22–43. (With E. Njuki, and B.E. Bravo-Ureta)
- “To drill or not to drill? An econometric analysis of US public opinion.” *Energy Policy*, 91 (2016): 341–351. (With M.A. Rahman) \*

- “Optimal location of centralized biodigesters for small dairy farms: A case study from the United States.” *International Journal of Sustainable Energy Planning & Management*, 8 (2015): 3–16. (With R.G. Cromley, F.A. Shah, and B.E. Bravo-Ureta) \*
- “Dairy productivity and climatic conditions: Econometric evidence from Southeastern United States.” *Australian Journal of Agricultural & Resource Economics*, 57 (2013): 123–140. (With B.E. Bravo-Ureta, and A. De Vries) \*

#### **Book:**

- “Contemporary Issues in Sustainable Development: An Interdisciplinary Approach”, Routledge, forthcoming (Co-editors: S. Saha and T. Chakraborty)

#### **Other Publications:**

- “Toward sustainable management of black tiger shrimp fishing in West Bengal.” Working Paper No. GCP/JU/10/01. Global Change Program, Jadavpur University, 2010.
- “Application of convolution in individual risk model with non-iid data: A case study.” In *Conference Volume of 9<sup>th</sup> Global Conference of Actuaries*, Vol. 2: 209–215, 2007.
- “Public versus private banking services: A case study of bank-customer preference in southern suburb of Kolkata.” *Arthabeekshan (Quarterly Journal of the Bengal Economic Society)* 5 (2006): 78–89. (With P. Sett)

#### **Sponsored & Consultancy Projects:**

- “Evaluation of HDFC Bank’s *Gram Samridhhi* project, Role: Principal Investigator (PI), Sponsor: *Shramik Bharti*, 2017–2018.
- Title: Skill formation and self-employment generation through vocational training”, Role: Co-PI, Sponsor: *Indian Council of Social Science Research*, 2016–2018.
- “Socio-economic study for developmental needs assessment in nearby areas of various thermal power stations”, Role: PI, Sponsor: *Uttar Pradesh Rajya Vidyut Utpadan Nigam Ltd. (UPRVUNL)*, 2015–2016.
- “Impact of sodic land reclamation on peasant livelihood in Uttar Pradesh”, Role: PI, Sponsor: *IIT Kanpur*, 2015–2017.

#### **Conference Presentations:**

- “Transgenic varieties and productive efficiency of cotton farmers in Pakistan.” Asia Pacific Productivity Conference, Seoul, Republic of Korea, July 2018 (With M.K. Singh)
- “Productivity gaps among smallholder groundnut farmers: A comparative analysis for Uganda and Kenya.” International Conference of the African Association of Agricultural Economists, Hammamet, Tunisia, September 2013 (With C. Asekenye, B.E. Bravo-Ureta, N. Okoko, D.K. Okello, N. Kidula, M. Deom, and N. Puppala). Paper available at: <http://ageconsearch.umn.edu/handle/160673>
- “Agricultural productivity growth in New England: Will climate change matter?” Joint AAEA & NAREA Conference, Pittsburgh, PA, July 2011 (With L. Wang)

- “Modeling the impact of weather risk on dairy production: A case study of Florida and Georgia.” EWEPA Conference, Verona, Italy, June 2011 (With D. Dey, B.E. Bravo-Ureta, and A. De Vries)
- “Assessing the linkage between dairy productivity growth and weather patterns: A case study of Florida.” Asia Pacific Productivity Conference, Taipei, Taiwan, July 2010 (With B.E. Bravo-Ureta, and A. De Vries)
- “A call from the wilderness: Choosing Alaskan oil or wildlife.” NAREA Conference, Atlantic City, NJ, June 2010 (With N. Plesha) Abstract published in *Agricultural & Resource Economics Review* 39 (2010): 591

#### **Student Supervision:**

- PhD: (1) Karan Singh Khati, 2015-; (2) Debarun Sengupta, 2017- (all in progress)
- MS: (1) Akanksha Rana, 2014-15; (2) Gaurav Doshi, 2016-17; (3) Alok Ranjan, 2016-17; (4) Mahendra Kumar Singh, 2016-17; (4) Harshvardhan Singh Rathore, 2016-17; (5) Yash Ladhha, 2017-18; (6) Tanisha Mishra, 2018-19.

#### **Teaching:**

- Introduction to Economics, Microeconomics I, Environmental Economics & Policy, Production Economics, Efficiency & Productivity Analysis.
- Online course titled “Microeconomics: Theory & Applications” via National Programme on Technology Enhanced Learning (NPTEL)

#### **Professional Service:**

- Core task participant, Theme 10 ‘Impact Analysis & Policy Recommendations’ of the project titled “UI-ASSIST: US-India Collaborative for Smart Distribution System with Storage” (<https://uiassist.org/home>)
- External member, Doctoral Advisory Committee for Aparna Krishna, a student of the Fellow Program in Management at IIM Bangalore
- Founding member, the *Development Policy Research Network*. ([www.dprn.in](http://www.dprn.in))
- Reviewer for *Regional Environmental Change (Springer)*, *Transportation in Developing Economies (Springer)*, *Agribusiness (Wiley)*, *Journal of Agricultural Science & Technology*.

#### **Invited Talks:**

- “Introduction to DEA Models” Quality Improvement Program (Q.I.P.) on “Frontier areas in Econometrics”, IIT Kanpur, December 2014

#### **Outreach:**

- Co-organized a workshop titled “Sustainable Development: Policy & Management” under the Quality Improvement Programme (Q.I.P.) run by the All India Council for Technical Education, IIT Kanpur, 30<sup>th</sup> November – 5<sup>th</sup> December 2015

#### **Award, Fellowship & Recognition:**

- Received commendation letter from the Director, IITK for excellence in teaching:

- 2015-16/Semester I for the course 'Efficiency & Productivity Analysis'
- 2017-18/Semester I for the course 'Production Economics'
- Project "Impact of sodic land reclamation on peasant livelihood in Uttar Pradesh" gained media coverage (A story is published in the Hindi language daily newspaper *Dainik Jagran*, Kanpur edition on 19<sup>th</sup> June, 2017)
- Research paper (Mukherjee & Rahman, 2016) is highlighted by the Shorenstein Center on Media, Politics and Public Policy at Harvard Kennedy School
- Bishop–Carder scholarship, Univ. of Connecticut, 2011
- CESE multidisciplinary summer research scholarship, Univ. of Connecticut, 2008
- Del Favero scholarship, Univ. of Connecticut, 2007
- Silver medal of merit for attaining 2<sup>nd</sup> position in B.A. Economics program, Jadavpur Univ., 2002