

Siddhartha S. Bora

Curriculum Vitae

September 2022

Current Position

Assistant Professor
Division of Resource Economics and Management
Davis College of Agriculture, Natural Resources
and Design
West Virginia University (WVU)

Contact

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Research Interests

Commodity Markets, Forecasting and Machine Learning, Agricultural Finance

Education

- Ph.D. in Agricultural Economics, Department of Agricultural, Environmental, and Development Economics (AEDE), The Ohio State University, 2022.
Dissertation Title: *Evaluating USDA Agricultural Forecasts*
Advisor: Ani L. Katchova.
- M.S. in Agricultural Economics, Department of AEDE, The Ohio State University, 2019.
- Post Graduate Diploma in Rural Management, Institute of Rural Management Anand (IRMA), India, 2015.
- B. Tech., Electronics and Communications Engineering, National Institute of Technology (NIT), Warangal, India, 2011.

Research Experience

- Graduate Research Assistant, Farm Income Enhancement Program, Department of AEDE, The Ohio State University, 2017–2022.
- Manager-Research, Sambodhi Research and Communications Pvt. Ltd., NOIDA, India, 2015-2016.

Teaching

- Spring 2023 (scheduled), Futures Markets and Commodity Prices (ARE440), Division of Resource Economics and Management, West Virginia University.
- Fall 2020, Teaching Assistant, Applied Quantitative Methods I (AEDECON6110), Department of AEDE.
- Fall 2018, Teaching Assistant, Principles of Food and Resource Economics (AEDECON2001), Department of AEDE.

Peer-Reviewed Journal Publications

- Bora, S., A.L. Katchova, and T.H. Kuethe. “The Accuracy and Informativeness of Agricultural Baselines”, *American Journal of Agricultural Economics*, (2022), *forthcoming*.
- Bora, S.S., A.L. Katchova, and T.H. Kuethe. “The Rationality of USDA Forecasts under Multivariate Asymmetric Loss”, *American Journal of Agricultural Economics* (2021), 103, 3:1006-1033, doi: [10.1111/ajae.12142](https://doi.org/10.1111/ajae.12142).
- Kuethe, T.H, S.S. Bora, and A.L. Katchova. “Improving ERS’s Net Cash Income Forecasts using USDA Baseline Projections”, *Journal of Agricultural and Resource Economics* (2022), 47(2):246–261, doi: [10.22004/ag.econ.310528](https://doi.org/10.22004/ag.econ.310528).
- Raj, A., A. Dey, S. Boyce, A. Seth, S. Bora, D. Chandurkar, K. Hay, K. Singh, A. Das, A. Chakraverty, A. Ramakrishnan, M. Shetye, N. Saggurti, J. Silverman. “Associations Between Mistreatment by a Provider during Childbirth and Maternal Health Complications in Uttar Pradesh, India.” *Maternal and Child Health Journal* (2017), doi: [10.1007/s10995-017-2298-8](https://doi.org/10.1007/s10995-017-2298-8).

Conference Presentations

- Bora, S. S. and A.L. Katchova, “Multi-horizon Forecasts of Agricultural Commodity Prices using Deep Learning”, Poster Presentation at AAEA Annual Meeting, Anaheim, California, August 1, 2022.
- Bora, S. S., K. Kim. “Global Shock and Small Firm Failures: How Small Credit Unions Are Reacting to Uncertainty during COVID-19?”, NC-1177 Multi-state Research Project on Agricultural and Rural Finance Markets in Transition 2021 Virtual Annual Meeting, October 6, 2021.
- Kuethe, T., S. S. Bora, and A.L. Katchova, “Improving ERS’s Net Cash Income Forecasts using USDA Baseline Projections” AAEA Annual Meeting, Austin, TX, August 2, 2021.
- Bora, S. S., A.L. Katchova, and T. Kuethe, “Evaluating USDA’s Baseline Projections”, 2021 NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting and Market Risk Management, April 19, 2021.
- Bora, S. S., A.L. Katchova, and T. Kuethe, “How Accurate are the USDA’s Agricultural Baseline Projections?”, NC-1177 Multi-state Research Project on Agricultural and Rural Finance Markets in Transition 2020 Virtual Annual Meeting, October 19, 2020.
- Bora, S., A.L. Katchova, and T. Kuethe, “Evaluating USDA’s Net Cash Income Forecasts under Multivariate Asymmetric Loss”, National Agricultural Credit Conference/ NC-1177 Multi-State Hatch Project Meeting, Dallas, TX, October 9, 2019.

- Flash Talk on “Evaluating USDA Net Cash Income Forecasts under Multivariate Asymmetric Loss” at Statewide Users Group Conference, Ohio Supercomputer Center, October 17, 2019.
- Chandurkar, D., S. Bora, A. Das, A. Tripathi, N. Saggurti, A. Raj, “Scorecards and dashboards to assure dataquality of health management information system (HMIS) using R”, Proceedings of the 8th Annual Conference on the Science of Dissemination and Implementation, Washington, DC, December, 2015 (Raj presented).

Extension/Outreach/Media

Reports and Presentations

- “Are Ohio farmers expected to receive higher farm income in 2021?”, Outreach report, September 3, 2021. [\[link\]](#)
- “The Accuracy and Informativeness of Agricultural Baselines”, Outreach report, April 29, 2021. [\[link\]](#)
- “Are Our Farms Financially Secure?”, Presentation to stakeholders at “Ask the Expert”, OSU Farm Science Review, September 21, 2021, London, OH. [\[link\]](#)

News Articles

- AEDE’s Ani Katchova and Siddhartha Bora win Outstanding Research Award from AAEA-AFM section, AEDE Website, August 1, 2021. [\[link\]](#)
- Sid Bora wins 2021 Bernie Erven Outstanding Teacher Award, AEDE Website, July 7, 2021. [\[link\]](#)
- The Accuracy and Informativeness of Agricultural Baselines, Ohio Ag Manager, May 3, 2021. [\[link\]](#)
- DEI Student Spotlight: Siddhartha Bora, CFAES Website, April 1, 2021. [\[link\]](#)
- AEDE’s Siddhartha Bora Awarded 2021 William E. Krauss Director’s Award for Excellence in Graduate Research, AEDE Website, February 2, 2021. [\[link\]](#)
- Are the USDA Forecasts Rational?, OSU-AEDE Watercooler Economics, September 4, 2020. [\[link\]](#)

Awards and Honors

- Outstanding Research Award, Agricultural Finance and Management (AFM) Section, AAEA, 2021.
- William E. Krauss Director’s Award for Excellence in Graduate Research, College of Food, Agricultural and Environmental Sciences (CFAES), The Ohio State University, 2021.
- Bernie Erven Outstanding Teacher Award, Dept. of AEDE, The Ohio State University, 2021.

Grants Experience

- “Evaluating the USDA Agricultural Baseline Projections.” PI: A.L. Katchova, GRA: Siddhartha Bora, USDA ERS Cooperative Agreement, ERS Administrator Office, \$90,000, 2021–2022.

Service/Leadership

- Graduate Committee, Division of Resource Economics and Management, Davis College of Agriculture, Natural Resources, and Design, WVU 2022.
- Promotion and Tenure Committee, Division of Resource Economics and Management, Davis College of Agriculture, Natural Resources, and Design, WVU 2022.
- Special Events Committee, Davis College of Agriculture, Natural Resources, and Design, WVU 2022.
- Reviewer: Agricultural Finance Review, Canadian Journal of Agricultural Economics, Energy Economics, AAEA annual meeting abstracts.
- Panel member of College of Food, Agricultural, and Environmental Sciences (CFAES) Internal Grants Program, The Ohio State University, 2021.
- *Treasurer*, AEDE Graduate Student Association, 2019-2021.

Skills

- Languages: Assamese (native), English, Hindi, Bangla
- Computing: R, PYTHON, MATLAB, EXCEL, SPSS, STATA, SAS, L^AT_EX, GAMS

Professional Affiliation

Agricultural and Applied Economics Association, 2019-present