

ANUKUL BHATTARAI

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EDUCATION

- **PHD:** Agricultural Economics, Virginia Tech Expected: 2025
- **M.S.:** Agricultural Economics, University of Georgia 2020
- **B.S.:** Agricultural Science, Tribhuvan University 2016

WORK EXPERIENCE

- **Graduate Research Assistant:** Department of Agricultural and Applied Economics, Virginia Tech, Blacksburg, VA
- **Teaching Assistant:** Department of Agricultural and Applied Economics, Virginia Tech, Blacksburg, VA
- **Graduate Research Assistant:** Department of Agricultural and Applied Economics, University of Georgia, Athens Tifton, GA

PUBLICATIONS

- **Bhattacharai, A.** and Davis, GC. (2023). Teaching The Economics of Corporate Social Responsibility: A Mixed Motive Bargaining Simulation Game. Journal: Applied Economics Teaching Resources.
- Liu, Y., Snider, J. L., **Bhattacharai, A.**, and Collins, G. (2022). Economic Penalties Associated with Irrigation During High Rainfall Years in the Southeastern United States. Journal: Agricultural Water Management.
- Kayser, P., Friedel, J.S., Hentemann, S., and **Bhattacharai, A.**(2022). Results of the 2022 Virginia's Land Use-Value Assessment Program Survey. Virginia Cooperative Extension.
- Kafle, A., Timilsina, A., Gautam, A., Adhikari, K., **Bhattacharai, A.** and Aryal, N. (2022). Phytoremediation: Mechanisms, Plant Selection and Enhancement by Natural and Synthetic Agents. Journal: Environmental Advances.
- **Bhattacharai, A.**, Liu, Y., Smith, A. R., Porter, W. M., Calvin, P., and Cloud, C. (2021). The Cost of Irrigation: Ownership and Operating Costs through Irrigation Budgets for South Georgia. University of Georgia Extension. Publication No. Circular 1235. June 2021.
- Liu, Y., **Bhattacharai, A.** and Welch, J. M. (2020). Understanding the Commodity Loan Programs for Major Row Crops in Georgia. Department of Agricultural and Applied Economics, University of Georgia. Report No. AGECON-20-02PR. March 2020
- Liu, Y., **Bhattacharai, A.** and Robinson, J. R. C. (2020). Marketing Assistance Loan and Loan Deficiency Payment Program for Upland Cotton. University of Georgia Extension. Publication No. Circular 1194. March 2020

WORKING PAPERS

- **Bhattacharai, A.**, Liu, Y., Liakos, V., Vellidis, G. and Smith, A. R. Profitability of Using Advanced Irrigation Scheduling Methods for Cotton Production. Journal: Journal of Cotton Science (Accepted)
- **Bhattacharai, A.**, Liu, Y., Liakos, V., Vellidis, G. and Smith, A. R. Economic Risk Analysis of Modern Irrigation Scheduling Methods on Cotton Production in Georgia. (Manuscript Completed)

EXTENSION BUDGETS

These are the extension irrigation budgets for three crops, cotton, corn and peanut. Budgets were made for farm area of two sizes, 65 acres and 165 acres with two types of center pivot system, electric and diesel.

- **Bhattacharai, A.**, Smith, A. R., Liu, Y., Porter, W. M., Calvin, P., and Cloud, C. (2021). 65 Acre Diesel Engine Center Pivot Irrigation Budget. Department of Agricultural and Applied Economics, University of Georgia. Budget.
- **Bhattacharai, A.**, Smith, A. R., Liu, Y., Porter, W. M., Calvin, P., and Cloud, C. (2021). 160 Acre Diesel Engine Center Pivot Irrigation Budget. Department of Agricultural and Applied Economics, University of Georgia. Budget.
- **Bhattacharai, A.**, Smith, A. R., Liu, Y., Porter, W. M., Calvin, P., and Cloud, C. (2021). 65 Acre Electric Engine Center Pivot Irrigation Budget. Department of Agricultural and Applied Economics, University of Georgia. Budget.
- **Bhattacharai, A.**, Smith, A. R., Liu, Y., Porter, W. M., Calvin, P., and Cloud, C. (2021). 160 Acre Electric Engine Center Pivot Irrigation Budget. Department of Agricultural and Applied Economics, University of Georgia. Budget.

MEDIA CITATIONS

- Marketing assistance loans, loan deficiency payments for upland cotton. Morning AgClips. March 19, 2020
- Marketing assistance loans, loan deficiency payments for upland cotton. Georgia Cotton Commission Newsletter. March 16, 2020

CONFERENCE PRESENTATIONS

- **Bhattacharai, A.**, Liu, Y., Liakos, V., Vellidis, G. and Smith, A. R. (2020). Economic Analysis of Modern Irrigation Scheduling Strategies on Cotton Production under Different Tillage Systems in South Georgia. **Seventh Interagency Conference on Research in the Watersheds**. Tifton, Georgia. Online.
- **Bhattacharai, A.**, Liu, Y., Smith, A. R., Liakos, V., and Vellidis, G. (2020). Economic Risk Analysis of Modern Irrigation Scheduling Methods on Cotton Production in Georgia. **Southern Agricultural Economics Association Annual Meetings**. Louisville, Kentucky.
- **Bhattacharai, A.**, Liu, Y., Smith, A. R., Liakos, V., and Vellidis, G. (2020). Economic Analysis of Modern Irrigation Scheduling Strategies on Cotton Production under Different Tillage Systems in South Georgia. **2020 Beltwide Cotton Conferences**. Austin, Texas.
- Liu, Y., **Bhattacharai, A.**, Snider, J. L., and Collins, G. (2019). Economic Analysis of Irrigation Scheduling Method on Cotton Production in Georgia and North Carolina. **2019 Beltwide Cotton Conferences**. New Orleans, Louisiana.

POSTERS PRESENTATIONS

- **Bhattacharai, A.**, Davis, GC., Gupta, A., and Stewart, S. (2024). Food-at-Home and Food-Away-From Home Price Volatility and COVID Effects. Agricultural and Applied Economics Association Annual Meeting. New Orleans, Louisiana.
- **Bhattacharai, A.**, Liu, Y., Smith, A. R., Liakos, V., and Vellidis, G. (2020). Economic Risk Analysis of Modern Irrigation Scheduling Methods on Cotton Production in Georgia. Agricultural and Applied Economics Association Annual Meeting. Kansas City, Missouri. Online.
- **Bhattacharai, A.**, Smith, A. R., Liu, Y., Perry, C., and Cloud, C. (2020). The Cost of Irrigation: Ownership and Operating Costs through Irrigation Budgets for South Georgia. 2020 Beltwide Cotton Conferences. Austin, Texas.
- Liu, Y., **Bhattacharai, A.**, Smith, A. R., Liu, Y., Perry, C., and Cloud, C. (2019). Cost of Irrigation: Ownership and Operating Costs through Irrigation Budgets for South Georgia. Farm Bureau State Commodity Conference. Tifton, Georgia.

ANALYTICAL AND COMPUTER SKILLS

SAS, Rstudio, STATA, SIMETAR, SPSS, Python, Matlab, Reactjs, HTML, CSS, latex

PROFESSIONAL MEMBERSHIPS

- Agricultural and Applied Economics Association (AAEA), 2020 – Present
- Southern Agricultural Economics Association (SAEA), 2019 – Present
- Nepalese Agricultural Professionals Association (NAPA), 2019 – Present