Jumi Gogoi

CONTACT INFORMATION	University of Waterloo 200 University Ave W Waterloo, ON N2L 3G1	*E-mail:* jgogoi@uwaterloo.ca *Website:* www.jumigogoi.com

APPOINTMENTS

Postdoctoral Research Fellow, Sept 2024 – present
  Host: Nandita Basu
  Department of Earth and Environmental Sciences
  University of Waterloo, Waterloo, Ontario, Canada

Postdoctoral Research Fellow, March 2024 – April 2024
  Host: Navin Ramankutty
  Institute for Resources, Environment and Sustainability
  The University of British Columbia, Vancouver, British Columbia, Canada

EDUCATION

The University of British Columbia, Vancouver, British Columbia, Canada
  Ph.D., Resources, Environment and Sustainability, 2024
    Dissertation: "Crop yield estimation in the Canadian Prairies: Assessing the relative importance of scale, satellite and biophysical data"
  Advisors: Navin Ramankutty and Nathaniel K. Newlands

University of Dallas, Dallas, Texas, USA
  M. Sc., Business Analytics, *Beta Gamma Sigma*, 2018

University of Bath, Bath, UK
  M. Sc., Economics, 2015

University of Delhi, Lady Shri Ram College for Women, New Delhi, India
  B. Com (Hons), Commerce and Finance, Distinction in Accounting, 2013

PUBLICATIONS

Jumi Gogoi, Nathaniel K. Newlands, Zia Mehrabi, Nicholas C. Coops, and Navin Ramankutty. Assessing the Performance of Satellite-Based Models for Crop Yield Estimation in the Canadian Prairies. *Canadian Journal of Remote Sensing, 49(1), 2252926.* 2023

CONFERENCE PRESENTATIONS

1. Jumi Gogoi, Navin Ramankutty, Nathaniel K. Newlands, Nicholas C. Coops, and Bhushan Gopaluni. 'The development of a field-scale crop yield prediction model using satellite and weather data'. *Global Land Program International Summit 2024* (upcoming, November 04-08), 2024 (Oral)

2. Jumi Gogoi, Navin Ramankutty, Nathaniel K. Newlands, Nicholas C. Coops and Bhushan Gopaluni. 'Integration of multi-source within-season datasets for improving crop yield prediction using machine learning and deep learning approaches'. *TIES 2023 Regional Conference: Breaking Down Barriers between Statistics and Environmental Science* (Invited Session), 2023 (Oral)

3. Jumi Gogoi. 'Using a planetary-scale computing platform for answering environmental science questions: Analyzing big geospatial datasets using Google Earth Engine'. *TIES 2023 Regional Conference: Breaking Down Barriers between Statistics and Environmental Science* (Invited Session), 2023 (Workshop)

HONORS AND AWARDS	President's Academic Excellence Initiative PhD Award, UBC, 2020 – 2024
	Faculty of Science Graduate Award, UBC, 2019
	Beta Gamma Sigma, 2018
	Faculty of Social Sciences Graduate Scholarships, University of Bath, 2014
PROFESSIONAL SERVICE	**Member**: American Geophysical Union
WORKING EXPERIENCE	Research Associate, Big Data and Predictive Analytics
	Agriculture and Agri-Food Canada, Government of Canada, 2019 – 2020