

BENJAMIN DUBE

201A Farrell Hall ◊ University of Vermont ◊ Burlington, VT 05405

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EDUCATION

University of Vermont

Jan 2022

PhD in Natural Resources,

Rubenstein School of Environment and Natural Resources

Gund Institute for Environment

Dissertation: *Embracing Uncertainty, Ambiguity, And Complexity In Agriculture, Science, And Policy*

Green Mountain College

Sept 2010 –May 2012

BA in Sustainable Agriculture

Summa Cum Laude, College Honors

University of Vermont

Sept 2006 –Dec 2008

Major in Sociology

No Degree, Honors College

RESEARCH INTERESTS

Ecological Economics, Agroecology, Agro-environmental Policy

PUBLICATIONS

Peer Reviewed Journal Articles

- **Dube, B (2021)** Why Cross and Mix Disciplines and Methodologies?: Multiple Meanings of Interdisciplinarity and Pluralism in EE. *Ecological Economics*. 179. doi.org/10.1016/j.ecolecon.2020.106827
- **Mulder KP & Dube B (2014)** Long-Term Ecological Assessment of Farming Systems (LEAFS): Comparing Human, Animal and Small Machine Power for Fresh-Market Horticulture. *Agroecology and Sustainable Food Systems*. 38:6 doi.org/10.1080/21683565.2014.884034
- **Dube B & Mulder KP (2014)** Energetic Analysis of Draft Animal Hay Harvest: An Alternative Look at Cellulosic Biomass. *Outlook on Agriculture*. 43:4 doi.org/10.5367/oa.2014.0181

Book Chapters

- **Dube, B (2020)** Assessing Ecological Economics at 30: Results from a Survey of ISEE members. in Costanza, Erickson, Farley and Kubiskewski (eds). *Sustainable Wellbeing Futures: A Research Agenda for Ecological Economics*. Edward Elgar, Cheltenham, U.K., pp. 427-444.
- **Brevik K, Adams J, Dube B, Barbieri L & Yahya Haage G. (2020)** Well-being in the More-Than-Human World. in Costanza, Erickson, Farley and Kubiskewski (eds). *Sustainable Wellbeing Futures: A Research Agenda for Ecological Economics*. Edward Elgar, Cheltenham, U.K., pp. 156-166.

Manuscripts in Review

- **Dube B** Certifying Integrated Pest Management: A Case Study in Defining Eco-Agriculture Strategies. *Agroecology and Sustainable Food Systems*

Technical Reports

- **Dube B, White A, Ricketts T & Darby H** Economic Valuation of Ecosystem Services from Improved Soil Health in Vermont.

Manuscripts in Preparation

- **Dube, B & Reynolds, TR** Defining Organic Agriculture by Movement, Science and Practice: Setting the Boundaries of Alternative Agriculture
- **Dube, B & Erickson J** Field-Scale Models for Watershed-Level Analysis of Phosphorus Loss in the Lake Champlain Basin.

TEACHING EXPERIENCE

Courses Taught:

- Instructor: Prescott College SBM 53000: The Economics of Sustainable Organizations and Communities Fall 2019 –Summer 2021
- Instructor: Green Mountain College RSC5030: Sustainable Community Development Economics. Summer 2017, Spring 2017, 2018, 2019
- Co-instructor: University of Vermont CDAE61: Principles of Community Development Economics. Summer 2021
- Co-instructor: UVM CDAE/NR395: Agroecology, Farmer Livelihoods and Ecosystem Restoration: Field Course in Santa Catarina, Brazil. Spring 2017

Academic Committees & Advising:

- Thesis Advisor: Steven Woods Sail Freight Revival: Methods Of Calculating Fleet, Labor, And Cargo Needs For Supplying Cities By Sail. Masters of Sustainable and Resilient Communities. Prescott College May, 2021

ORAL PRESENTATIONS AND INVITED TALKS

- **Dube, B:** Order Beyond Discipline and Methodology? Contrasting Intellectual Goals of Transdisciplinary Ecological Economics *Biennial Meeting of the Candadian Society for Ecological Economics, May 25 2019, Waterloo, Ontario*
- **Dube, B** How is Alternative Ecological Agriculture Defined and Why Does it Matter? *RSENR Graduate Student Research Symposium, October, 12 2018, Burlington, Vermont*
- **Dube, B** Introduction to Ecological Economics: Energy *Biennial Meeting of the Candadian Society for Ecological Economics, October 18th 2017, Montreal, Canada*
- **Dube, B** Agro-ecology as Adaptive Management: Is a Bottom-Up Paradigm for Eco-Friendly Agriculture Feasible? *Biennial Meeting of the Candadian Society for Ecological Economics, October 19 2017, Montreal, Canada*
- **Dube B, Bliss S, Middleman M, Clithero G, Karas A, Farley J & Schmitt A** Agroecology and the Global Environmental Crisis: Lessons from Santa Catarina, Brazil *Biennial Meeting of the United States Society for Ecological Economics June 26 2017, St. Paul, Minnesota.*
- **Dube B, Schmitt A, Fantini A & Farley J** Forest Restoration, Farmer Livelihoods, and Environmental Regularization: A PAR Approach to Ecosystem Services in the Atlantic Rainforest, Southern Brazil. *Biennial Meeting of the International Society for Ecological Economics. June 27 2016 Washington, DC.*
- **Perkins P, Svartzman R, Ament J, Dube B & Luzadis V** Building Practical, Interdisciplinary Ecological Economics Pedagogy. *Biennial Meeting of the International Society for Ecological Economics. June 28 2016 Washington, DC.*

- **Dube B & Mulder, KP** Farming without Oil: Land, Labor and Energy Demands of Alternative Farm Systems. *Biennial Meeting of the United States Society for Ecological Economics. June 10, 2013, Burlington, Vermont.*
- **Thomas R, Dube B, & Brehl B** Draft Animals at Educational Institutions. *Northeast Animal Power Field Days. September 28 2013, Barton, Vermont*
- **Mulder KP & Dube B** Growing Vegetables without Fossil Fuels: Humans, Animals and Systems. *MOSES Organic Farming Conference, February 23 2013, La Crosse, Wisconsin.*

OCCUPATIONAL EXPERIENCE:

Middleton Place Foundation/Charleston Carriage Works Feb 2014–May 2015
Tour Guide Charleston, SC

- Distilled complex history into fun educational talks; delivered over 1000 public lectures.

Green Mountain College Jan 2012–Dec 2013
Farm Research and Production Assistant Poultney, VT

- Assisted in Long-Term Ecological Assessment of Low-Energy Farming systems research project.
- Assisted with data transcription and analysis for high tunnel root-zone heating project.
- Participated in management and education of a team of up to 13 students and employees during summer farm semesters.
- Served as interim farm co-manager during farm managers 7 week family leave during the growing season.
- Performed farm management tasks including pasture management and grazing planning, oxen driving and coordinating the vegetable production plan, and many others.

Green Mountain College –Cerridwen Farm Oct 2010 –Dec 2011
Farm Hand & Undergrad Research Asst Poultney, VT

- Assisted with many tasks on the farm including pasture management/grazing planning and oxen driving, as well as farm research analysis.

Bloomfield Farm June 2010 –Aug 2010
Farm Apprentice Charlotte, VT

Windy Corners Farm Apr 2009 –Aug 2010
Farm Apprentice Charlotte, VT

ET. CETERA

Languages:

- English: Native
- Portugese (Brazil): Level 1
- Spanish: Level 1

Non-Academic Service:

- Board Treasurer: the Slade Environmental Cooperative, Burlington VT (2018-)
- Land Use Committee: Rock Point Episcopal Center, Burlington VT (2019-2021)
- Garden Educator and Coordinator: The Homeward Bound Collective, Burlington VT (2018-)