

BENJAMIN DUBE

202 Farrell Hall University of Vermont Burlington, VT 05405

(978)-877-0451 ♦ bdube@uvm.edu

EDUCATION

University of Vermont

In Progress

PhD Candidate in Natural Resources,
Rubenstein School of Environment and Natural Resources
Gund Institute for Environment

Green Mountain College,

BA in Sustainable Agriculture

September 2010-May 2012

Summa Cum Laude, College Honors

University of Vermont

Major in Sociology.

September 2006 December 2008

No Degree, Honors College

RESEARCH INTERESTS

Ecological Economics, Agroecology, Agro-environmental Policy, Philosophy of Science

PUBLICATIONS

Peer Reviewed Publications:

Dube, B (2021) Why Cross and Mix Disciplines and Methodologies?: Multiple Meanings of Interdisciplinarity and Pluralism in EE. *Ecological Economics*. 179. <https://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 and 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 Preparation:

Dube, B 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- Present
- Instructor: Green Mountain College RSC5030: Sustainable Community Development Economics. Summer 2017, Spring 2017, 2018, 2019
- Co-instructor: UVM CDAE/NR395: Agroecology, Farmer Livelihoods and Ecosystem Restoration: Field Course in Santa Catarina, Brazil

Thesis Committees:

- 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

Graduate Teaching Assistantships:

University of Vermont

- NR 141: Introduction to Ecological Economics Fall 2017
- ENVS 002: International Environmental Studies Spring 2016, Spring 2019
- NR 206: Environmental Problem Solving and Impact Assessment Fall 2015
- ENVS 001 Introduction to Environmental Studies Fall 2019
- NR 002 Natural History and Human Ecology Spring 2020

ORAL PRESENTATIONS AND INVITED TALKS

- **Dube, B:** Order Beyond Discipline and Methodology? Contrasting Intellectual Goals of Trans-disciplinary 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 and 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 and 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, and Brehl B** Draft Animals at Educational Institutions. *Northeast Animal Power Field Days. September 28 2013, Barton, Vermont*
- **Mulder KP and Dube B** Growing Vegetables without Fossil Fuels: Humans, Animals and Systems. *MOSES Organic Farming Conference, February 23 2013, La Crosse, Wisconsin.*

SELECTED COLLEGE COURSEWORK

Agriculture & Food Systems: <ul style="list-style-type: none"> • Advanced Organic Agriculture • Pasture Agroecology and Grazing Management • Soils • Sustainable Farming Systems • New Venture Creation and Entrepreneurship • Complexity in Food Systems • The International Agroecology Short-course • Agricultural Policy and Rural Migration: Field Course in Chiapas, Mexico • Agroecology, Farmer Livelihoods and Ecosystem Restoration: Field Course in Santa Catarina, Brazil • Ecological Foundations of Agroecology 	Ecological Economics: <ul style="list-style-type: none"> • Ecological Economics Methods • Ecological Economics Theory • Energy Transition in Quebec: Economics for the Anthropocene Field Course • Stranded Assets Futures: Seminar on the Economics and Ethics of the Energy Transition • Ecosystem Services • Economics and the Environment Quantitative & Computational Methods: <ul style="list-style-type: none"> • Fundamentals of Geographic Information Systems • Advanced Geospatial Techniques • Modelling Complex Systems • The Fundamentals of Social Research • Data Science 1
--	--

OCCUPATIONAL EXPERIENCE:

Charleston Carriage Works and the Middleton Place Foundation *Charleston, SC*
 Carriage Driver and Tour Guide: February 2014- June 2015 Feb 2014- Jun 2015
 Historical interpretative horse-drawn carriage tours in and around the city of Charleston.

Green Mountain College Cerridwen Farm *Poultney, VT*
 Research and Production Assistant Jan 2012- Dec 2013

Duties and Accomplishments:

- 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 *Poultney, VT*
 Farm Hand & Undergrad Research Asst Oct 2010 - Dec 2011

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

Bloomfield Farm

Farm Apprentice (Part-time)

Charlotte, VT

June 2010 - Aug 2010

Windy Corners Farm

Farm Apprentice

Charlotte, VT

April 2009 - Aug 2010

The Club for Growth Market Garden

Self-Employed Market Gardener

Charlotte, VT

April 2009 - October 2009

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-)
- Garden Educator and Coordinator: The Homeward Bound Collective, Burlington VT (2018-)

Musical Compositions:

SoundCloud Link