Stephanie E. Hurley
Associate Dean, College of Agriculture and Life Sciences &
Professor of Ecological Landscape Design
Department of Agriculture, Landscape, and Environment (formerly Plant & Soil Science)
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Curriculum Vitae

Education

Doctor of Design (DDes), Harvard University, Graduate School of Design **2009**
Dissertation: *Urban Watershed Redevelopment: Design scenarios for reducing phosphorus pollution from stormwater in Boston's Charles River Basin, USA.* Advisor: Richard T.T. Forman.

Master of Landscape Architecture (MLA), University of Washington **2004**
Thesis: *Great (Wet) Streets: Merging street design and stormwater management to improve neighborhood streets.* Co-author: Megan Wilson. Advisor: Richard R. Horner.

Bachelor of Science (BS), University of California, Berkeley **1999**
Conservation and Resource Studies major, Forestry minor.

Professional Experience & Design Practice

Associate Dean of Faculty Affairs **2024-present**
College of Agriculture and Life Sciences, University of Vermont (UVM).
Professor of Ecological Landscape Design **2025-present**
Associate Professor of Ecological Landscape Design **2018-2025**
Assistant Professor of Ecological Landscape Design **2011-2018**
Department Agriculture, Landscape, and Environment (formerly Plant & Soil Science), UVM.
UVM Environmental Studies Faculty **2022-present**
Fellow, Gund Institute for Environment **2018-present**
Food Systems Faculty Fellow **2013-present**

Stephanie Hurley Design Consulting, LLC **2004-present**
Collaborations with: Private Residents, (2022-2023); ECHO Lake Aquarium & Science Center, Burlington, VT (2017-19, 2010); Landworks VT, Middlebury, VT (2011); Charles River Watershed Association, Weston, MA (2005–2006); Paul Lukez Architecture, Somerville, MA (2006); Seattle Public Utilities, Seattle, WA (2004-2005)

Postdoctoral Research Associate & Lecturer **November 2009-August 2011**
Rubenstein School of Environment and Natural Resources, UVM.
"Emerging Threats to the Lake Champlain Ecosystem," PI: Mary Watzin.
Taught capstone undergraduate course ENSC 202 "Ecological Risk Assessment" (2010, 48 students); managed/administrated Lake Champlain Sea Grant research RFP process; facilitator for Greening of Aiken internship course.

Landscape Designer **2007**
Charles River Watershed Association. Weston, MA.
Research, analysis, and conceptual design imagery for nonprofit. Production of graphic and written materials on ecological stormwater management in residential, commercial, campus, institutional, and industrial settings.

Transportation Landscape Designer **November 2004 – July 2005**

Washington State Department of Transportation. Seattle, WA.

Landscape design, construction inspection, and coordination with environmental permitting staff for wetland mitigation projects, wetland delineation, fish habitat restoration, and roadside restoration for state and federal highway projects.

Teaching Experience & Training

Courses taught at the University of Vermont **2010-present**

ALE (formerly PSS)* 137/2370: "Landscape Design Fundamentals" (Fall semesters, undergraduate) 2011-2022, 20 students, 4-credits combined lecture and Service-Learning studio course;
2023-2024; 80 students, 3-credit lecture course.

ALE/PSS* 238/3380: "Ecological Landscape Design" (Spring semesters, mixed undergraduate and graduate) 2012-2024, 20 students, 4-credits, Service-Learning.
*cross-listed with CDAE, ENVS, and NR course offerings

Service Learning Partners in Studio Courses: Burlington Sustainability Academy, Edmunds Elementary School (Burlington), Fayston School (Fayston), Forest Park Condominium Association, J.J. Flynn Elementary School, Leapfrog Hollow Residences, Red Rocks Park (South Burlington Parks Department), Schmanksa Park and Leddy Park (Burlington Parks, Recreation, and Waterfront Department), Southface Condominiums at Sugarbush Resort, Southwind Condominium Association, Murray Hill Condominium Association, Union Elementary School (Montpelier), UVM Horticulture Research Farm, UVM Miller Research Farm, Vermont Downtowns Program (Village Greens Project), Vermont Fish and Wildlife Services, VT Agency of Agriculture, Capital City Farmers Market, New Farms for New Americans, , Overbrook Condominium Association, Addison County River Watch: Barnes Brook & Memorial Sports Center (Middlebury), Dee Physical Therapy, Caledonia Spirits, Intervale Community Farm, Downtown Montpelier Flood Recovery Commission and many private residences.

PSS 301: Professional Skills Colloquium (Fall 2018, 2021, 2022; 1-credit graduate course for PSS and Food Systems graduate students)

PSS 381A: "Stormwater Management" Special Topics for Graduate Students (Spring 2023)

PSS 381B: "Agricultural Runoff Treatment Eco Design" (Fall 2014 only, mixed undergraduate and graduate)

PSS 1XX, 3XX: Supervisor for Independent Studies: Computer Drafting for Landscape Design (undergraduate 2014), Landscape Design Drawing (graduate 2016), Landscape Grading & Drainage (graduate 2017), Urban Ecological Design (graduate and undergraduate students, 2018), Urban and Agricultural Runoff Research (undergraduate, 2018 and 2019), Urban Street Trees as Nature Based Solutions (2025-26), Equity of Green Infrastructure Distribution (2026).

ENSC 202: "Ecological Risk Assessment" (Spring 2010 only, undergraduate capstone)

Academic Advising at the University of Vermont **2011-present**

Advisor for Undergraduate Major in Sustainable Landscape Horticulture Program, 2011-2023

Advisor for Undergraduate Major in Agroecology and Landscape Design, LD concentration, 2021-present

Advisor for "Ecological Landscape Design" Concentration within Plant & Soil Science Graduate Program

Teaching Fellowships at Harvard University Graduate School of Design **2006-2009**

Studio: *Reviving the Tajo River in Spain*, Profs. Christian Werthmann & Carl Steinitz. Autumn 2007
Teaching fellow and hydrology consultant for large scale regional planning studio in central Spain.

Designing the American City, Prof. Alex Krieger. Spring 2007
Discussion leader for two undergraduate sections for core lecture course.

Studio: *Planning and Design of Lands*capes, Prof. Scheri Fultineer. Autumn 2006
Teaching and reviewing for graduate landscape architecture core studio course.

Environmental Science Policy and Planning, Prof. Richard Forman. Springs 2006, 2007, 2008, 2009
Teaching assistant for undergraduate field trips to Archbold Biological Station, Florida.

Research Assistant, University of Washington & Seattle Public Utilities **2002-2004**
Center for Water and Watershed Studies, Professor Richard Horner.

Built Projects

Bioretention Mesocosms, UVM Horticulture Research and Education Complex (HREC), with Stone Environmental, Inc; Funding from Lake Champlain Basin Program, 2021.

Bioretention and Dry River Bed Stormwater Management Systems for Parking Lot Runoff & Energy Commons, ECHO Lake Aquarium and Science Center, Burlington, VT, 2018/19

UVM Miller Farm Bioretention Research Facility, Spear St. South Burlington, VT, 2016

UVM Miller Farm Wood Chip Bioreactor System for Silage Runoff Treatment, Spear St., South Burlington, VT, 2016

Village Square Bioretention Raingarden, Rt. 100, Waitsfield, VT, 2013

University of Vermont Bioretention Laboratory, Carrigan Drive, Burlington, VT, 2012

"Amphibitheater" for Willapa Bay Eco-Interpretive Trail, U.S. Fish & Wildlife Service, Willapa, WA, 2003

Grants

(*Italics* indicate my role)

Principal Investigator (PI): Designing Street Tree Systems to Incorporate Stormwater Quality Benefits. Co-PI Joshua Faulkner. USDA, Vermont Agricultural Experiment Station Hatch Award. October 1, 2025-September 30, 2028. $45,000.

Co-Principal Investigator (Co-PI): Advancing the use of DWTR in stormwater treatment features to enhance phosphorus removal for transportation projects. Vermont Agency of Transportation. E. Roy and S. Hurley. September 1, 2022-August 31, 2024. $150,000.

PI: Potential impacts on drinking water from road salt storage facilities in vulnerable communities. U.S.G.S. Vermont Water Center. September 1, 2022-August 31, 2023. $40,000.

Co-PI: Integrating Urban Ecology and Green Stormwater Infrastructure in Vermont. USDA, Vermont Agricultural Experiment Station Hatch Award. S. Hurley and V.E. Méndez. October 1, 2021-September 30, 2025. $90,000.

Co-PI: "Region-wide Assessment of Availability and Applicability of Drinking Water Treatment Residuals for Enhanced Phosphorus Removal in Green Stormwater Infrastructure." PI: Eric Roy. U.S. EPA. January 1, 2021-August 31, 2022. $112,999.

PI: "Efficacy of the 2017 Vermont Stormwater Management Manual Bioretention Soil Specification in Removing Pollutants and Supporting Plant Health," Subaward to Stone Environmental, Inc, funded by Lake Champlain Basin Program January 2021-September 2023. $67,608.

PI: "The Role of Design in Promoting Cultural Ecosystem Services and Long-term Sustainability in Urban Agroecological Systems." Gund Institute for Environment, UVM, Catalyst Award. February 1, 2019–August 31, 2020. $12,171.

Co-PI: "Performance of Agroecological Principles in Urban/Peri-urban Agriculture in Burlington, VT." USDA, Vermont Agricultural Experiment Station Hatch Award. V.E. Méndez, and S. Hurley. October 1, 2018-September 30, 2021. $60,422.

Co-PI: "Evaluating Alternative Runoff Management Practices for Vermont Dairy Farm Production Areas." USDA, Vermont Agricultural Experiment Station Hatch Award. S.E. Hurley and J. Faulkner. October 1, 2018-September 30, 2021. $29,775.

PI: "Application of Drinking Water Treatment Residuals (DWTR) in Green Stormwater Infrastructure (GSI) for Enhanced Phosphorus Removal." With Co-PI E. Roy. U.S. Environmental Protection Agency, Region 1. RARE Program & NOAA-Sea Grant via Lake Champlain Sea Grant September 2018-August 2021. $155,000.

Co-Investigator (Co-I): "Assessing Climate Perceptions and Developing Adaptation Resources for Small, Medium and Beginning Farms." USDA-AFRI Foundational Program. PI: M. Niles. May 1, 2018-April 20, 2021. $499,943.

Co-I: "Lake Champlain Basin Resilience to Extreme Events (BREE)." NSF EPSCoR. PI: A. Bomblies. I was one of many researchers associated with this grant. June 1, 2016- May 31, 2021. $20,000,000.

PI: "Silage Leachate Treatment Design, Construction, and Monitoring at Miller Farm Research Complex" USDA, Vermont Agricultural Experiment Station, UVM College of Agriculture and Life Sciences. October 1, 2015-September 30, 2017. $136,138.

PI: "Stormwater Runoff Treatment Design, Construction, and Monitoring at Miller Farm Research Complex" USDA, Vermont Agricultural Experiment Station, UVM College of Agriculture and Life Sciences. October 1, 2015-September 30, 2017. $85,143.

Co-Investigator: "Increasing Ecosystem Services and Climate Change Resilience in Dominant Agroecosystems of the Northeast." USDA-NIFA. May 1, 2015-April 30, 2019. PI: Joshua Faulkner. $499,810.

PI: "An Evaluation of Nutrient Leaching from Six Types of Compost." Vermont Agency of Natural Resources. June 15, 2014-June 30, 2015. $20,000.

Co-PI: "Analysis of Sediments, Nutrients, and Greenhouse Gases associated with Green Stormwater Infrastructure." Lake Champlain Sea Grant (NOAA). S.E. Hurley and E.C. Adair. February 1, 2014-January 31, 2017. $107,000.

PI: *Matching funds for above Lake Champlain Sea Grant project*. The Lintilhac Foundation. January 1, 2014-December 31, 2016. $25,000.

Co-PI: "Climate Change Best Management Practices on Vermont Farms." USDA, Vermont Agricultural Experiment Station Hatch Award. S.E. Hurley and V.E. Méndez. October 1, 2012-September 30, 2016. $110,938.

Co-I: "Climate Adaptation and Mitigation in the Lake Champlain Basin of Vermont." UVM Food Systems Spire Research Grant, PI: V.E. Méndez, plus 7 others. July 1, 2012-June 30, 2015. $300,000.

Co-PI: "Adapting to Climate Change with Low Impact Development Stormwater Management in the Lake Champlain Basin." Lake Champlain Sea Grant (NOAA). S.E. Hurley and E.C. Adair. February 1, 2012-January 31, 2014. $110,872.

PI: "Implementing Low Impact Development in Waitsfield, Vermont." Vermont Agency of Natural Resources. Ecosystem Restoration Program. March 2012-December 2013. $68,652.

Co-I: "Research on Adaptation to Climate Change (RACC)." NSF EPSCoR. PI: J. VanHouten. I was one of many researchers associated with this grant. September 2011-August 2016. $20,000,000.

PI: "Low Impact Development Opportunities in the Mid-Winooski River Basin." Vermont Agency of Natural Resources. Ecosystem Restoration Program. January-December 2011. $40,000.

Publications

Peer Reviewed Journal Articles

Impact Factors for journals (for papers after 2018) are based on Clarivate Journal Impact Factors (5-year, JIF5), 2024.
Impact Factors for journals (for papers up to 2018) are based on Research Gate 2016 Journal Citation Reports from Thomson Reuters. Latest citation information available via **Google Scholar for 'Stephanie Hurley'**: https://scholar.google.com/citations?user=4Aw5Be0AAAAJ&hl=en

In press or published

1. Schambura, M., Ewald, O., Chin, T., **Hurley, S.**, and Roy, E. 2025 (in press). "Phosphorus removal by two urban stormwater sand filters enhanced with alum-based drinking water treatment residuals." *Journal of Sustainable Water in the Built Environment,* ASCE.
2. Kubow, M. Chin, T., Sherman, A. Yuan, Y. Voorhees, M., Traviglia, A., McCord, J., Strynar, M., **Hurley, S.** and Roy, E. 2026. "Phosphorus removal capacity, arsenic leaching, and PFAS content of drinking water treatment residuals with potential to enhance stormwater infrastructure in New England, USA." *Journal of Sustainable Water in the Built Environment,* ASCE. 10.1061/JSWBAY.SWENG-665
3. Sutor, F. W., Roy, E.D., Schroth, A.W., Michaud, A.B., Emerson, D. Herndon, E.M., Kinsman-Costello, L., **Hurley, S.E**., and W.B. Bowden. 2025. "Geochemical Phosphorus Sequestration in Tundra Soils Impedes

Delivery of Bioavailable Phosphorus to the Kuparuk River, Alaska, USA: Implications for the Broader Arctic Region." *JGR Biosciences*. 10.1029/2025JG008803

4. Greenleaf, H., Bitterman, P., and Koliba, C., and **Hurley, S.** (corresponding author). 2024. "Maintaining green stormwater infrastructure in urban and rural Vermont: Municipal maintenance capacity, aesthetics, and connections to stormwater policy." *Journal of Sustainable Water in the Built Environment*, ASCE.
5. Sparacino, H., Stepenuck, K. and **Hurley, S**. 2024. "Understanding reduced salt practices used by commercial snow removal businesses in the Lake Champlain Basin: A mixed methods analysis." *Journal of Environmental Management*. JIF5: 7.9 https://doi.org/10.1016/j.jenvman.2023.119957
6. Betz, C., Ament, M. **Hurley, S**. and Roy, E. 2023. "Nitrogen Dynamics in Roadside Stormwater Bioretention Cells Amended with Drinking Water Treatment Residuals." *Journal of Environmental Quality*. JIF5: 2.7. https://doi.org/10.1002/jeq2.20506
7. Sarazen, J. **Hurley, S.** and Faulkner, J. 2022. "Nitrogen and Phosphorus Removal in a Bioretention Cell Experiment Receiving Agricultural Runoff from a Dairy Farm Production Area During Third and Fourth Years of Operation." *Journal of Environmental Quality*. JIF5: 2.7. https://doi.org/10.1002/jeq2.20434
8. Braconnier, M., Morse, C., and **Hurley, S**. 2022. "Using Photovisualizations to Gain Perspectives on River Conservation over Time" *Land 11*, 534. https://doi.org/10.3390/land11040534
9. Ament, M., Roy, E., Yuan, Y., and **Hurley, S**. 2022. "Phosphorus removal, metals dynamics, and hydraulics in stormwater bioretention systems amended with drinking water treatment residuals." *Journal of Sustainable Water in the Built Environment*. JIF5: 1.8 https://doi.org/10.1061/JSWBAY.0000980
10. Sparacino, H., Stepenuck, K., Gould, R. and **Hurley, S**. 2021. "Review of Reduced Salt, Snow, and Ice Management Practices for Commercial Businesses." *Transportation Research Record*. JIF5: 1.9. https://doi.org/10.1177/03611981211052538
11. Ament, M., **Hurley, S**., Voorhees, M., Perkins, E., Yuan, Y. Faulkner, J, Roy, E. 2021. "Balancing Hydraulic Control and Phosphorus Removal in Bioretention Media Amended with Drinking Water Treatment Residuals." *ACS ES&T Water*. JIF5: 4.8. https://doi.org/10.1021/acsestwater.0c00178
12. Twombly, C., Faulkner, J., and **Hurley, S**. 2021."Effects of soil aeration prior to dairy manure application on edge-of-field hydrology and nutrient fluxes in cold climate hayland agroecosystems." *Journal of Soil and Water Conservation*. JIF5: 3.0. https://doi.org/10.2489/jswc.2021.00158
13. Doran, E., Zia, A., **Hurley, S**., Tsai, Y., Koliba, C., Adair, E.C., Schattman, R., Méndez, V.E., Rizzo, D. 2020. "Social-Psychological Determinants of Farmer Intention to Adopt Nutrient Best Management Practices: Implications for Resilient Adaptation to Climate Change in the Lake Champlain Basin" *Journal of Environmental Management* 276: December 2020. JIF5:7.9. 10.1016/j.jenvman.2020.111304
14. Wilhelm, J., Smith, R, Jolejole-Foreman, M.C., **Hurley, S.** 2020. "Resident and stakeholder perceptions of ecosystem services associated with agricultural landscapes in New Hampshire" *Ecosystem Services* 45: 101153JIF5: 6.9. https://doi.org/10.1016/j.ecoser.2020.101153
15. Sarazen, J. C., Faulkner, J. W., and **Hurley, S.E**. 2020. "Evaluation of Nitrogen and Phosphorus Removal from a Denitrifying Woodchip Bioreactor Treatment System Receiving Silage Bunker Runoff." *Applied Sciences* 10 (14): 4789. JIF5: 2.8. https://doi.org/10.3390/app10144789
16. Shrestha, P., Faulkner, J., Kokkinos, J., and **Hurley, S**. 2020. "Influence of low-phosphorus compost and vegetation in bioretention for nutrient and sediment control in runoff from a dairy farm production area." *Ecological Engineering* 150. JIF5: 4.1. https://doi.org/10.1016/j.ecoleng.2020.105821
17. Schattman, R., **Hurley, S.,** Greenleaf, H., Niles, M., and Caswell, M. 2020. "Visualizing Climate Change Adaptation: An Effective Tool for Agricultural Land Management?" *Weather Climate and Society*. JIF5: 2.4. https://doi.org/10.1175/WCAS-D-19-0049.1

18. Tharp, R., K. Westhelle, and **S. Hurley**. 2019. "Macrophyte performance in floating treatment wetlands on a suburban stormwater pond: Implications for cold climate conditions." *Ecological Engineering* 136: 152-159. JIF5: 4.1. https://doi.org/10.1016/j.ecoleng.2019.06.011
19. Schattman, R.E., **S. Hurley,** and M. Caswell. 2019. "Now I see: Photovisualization to support agricultural climate adaption." *Society & Natural Resources*. JIF5: 2.8. https://doi.org/10.1080/08941920.2018.1530819
20. Coleman, S., **Hurley, S.**, Koliba, C., Rizzo, D. and Zia, A. 2018. "From the Household to Watershed: a cross-scale analysis of residential intent to adopt Green Stormwater Infrastructure." *Landscape and Urban Planning*. JIF5: 8.7. https://doi.org/10.1016/j.landurbplan.2018.09.005
21. Cording, A., **Hurley, S.,** and Adair, C. 2018. "Influence of critical bioretention design factors and projected increases in precipitation due to climate change on roadside bioretention performance." *Journal of Environmental Engineering* 144(9). JIF5: 1.8 https://doi.org/10.1061/(ASCE)EE.1943-7870.0001411
22. Shrestha, P. **Hurley, S.,** and Adair, C. 2018. "Soil Media CO_2 and N_2O Fluxes Dynamics from Sand-Based Roadside Bioretention Systems." *Water* 10(2): 185. https://doi.org/10.3390/w10020185
23. Shrestha, P., **Hurley, S.,** and Wemple, B. 2018. "Effects of different soil media, vegetation, and hydrologic treatments on nutrient and sediment removal in roadside bioretention systems." *Ecological Engineering* 112: 116-131. JIF5: 4.1. https://doi.org/10.1016/j.ecoleng.2017.12.004
24. Cording, A., **Hurley, S.,** and Whitney, D. 2017. "Monitoring methods and designs for evaluating bioretention performance." *Journal of Environmental Engineering*, 143(12). JIF5:1.8 10.1061/(ASCE)EE.1943-7870.0001276
25. Coleman, S., **Hurley, S.,** Koliba, C. and Zia, A. 2017. "Crowdsourced Delphis: Designing solutions to complex environmental problems with broad stakeholder participation." *Global Environmental Change* 25: 111-123. Impact Factor: 6.327. https://doi.org/10.1016/j.gloenvcha.2017.05.005
26. **Hurley, S.,** Shrestha, P., Cording, A. 2017. "Nutrient leaching from compost: implications for bioretention and other green stormwater infrastructure." *Journal of Sustainable Water in the Built Environment*, American Society of Civil Engineering, 3(3). JIF5: 1.8. https://doi.org/10.1061/JSWBAY.0000821
27. Harvey, C. Aultman-Hall, L., Troy, A., and **Hurley, S.** 2016. "Streetscape skeleton measurement and classification." *Environment and Planning B: Planning and Design*. January 22, 2016. Impact Factor: 1.527 https://doi.org/10.1177/0265813515624688
28. Scheinert, S., Koliba C., **Hurley, S.,** Coleman, S., and Zia, A. 2015. "The shape of watershed governance: Locating the boundaries of multiplex networks." *Complexity, Governance, and Networks*, 1 (2015): 65-82. Impact Factor: N/A. Journal website: http://ubp.uni-bamberg.de/ojs/index.php/cgn.
29. Harvey, C. Aultman-Hall, L., **Hurley, S.,** Troy, A. 2015. "Effects of skeletal streetscape design on perceived safety." *Landscape and Urban Planning* 142: 18-28. Impact Factor: 4.563. https://doi.org/10.1016/j.landurbplan.2015.05.007
30. **Hurley, S.E.** and Forman, R.T.T. 2011. "Stormwater ponds and biofilters for large urban sites: modeled arrangements that achieve the phosphorus reduction target for Boston's Charles River, USA." *Ecological Engineering* 37 (2011) 850–863. Impact Factor: 2.914 10.1016/j.ecoleng.2011.01.008

Peer Reviewed Chapters in Edited Books

1. Caswell, M., Méndez, V.E. Juncos-Gautier, M., **Hurley, S**., Gould, R., Marquez Sanchez, D., Lewis, S. (2021) *Agroecological transformations in urban contexts: transdisciplinary research frameworks and participatory approaches in Burlington, Vermont*. Pp. 299-320. In M. Egerer and H. Cohen (eds) Urban Agroecology: Interdisciplinary research and future directions. Boca Raton, FL, CRC Press/Taylor and Francis.

2. Schattman, R., Méndez, V. E., Westdijk, K., Caswell, M., Conner, D., Koliba, C., Zia, A., **Hurley, S**., Adair, E.C., Berlin, L., & Darby, H. 2015. "Vermont agricultural resilience in a changing climate: A transdisciplinary and participatory action research (PAR) process." In N. Benkeblia (Ed.), Agroecology, ecosystems, and sustainability (pp. 325–346). Boca Raton, FL: CRC Press/Taylor & Francis.
3. **Hurley, S.** and Stromberg, M. 2008. Ch.13: "Residential street design with watersheds in mind: toward ecological streets." *Handbook of Regenerative Landscape Design*, Robert L. France (Ed.), CRC Press.
4. Rasmussen, M. and **Hurley, S.** 2008. Ch. 8: "Coastal ecosystem restoration with a stormwater wetland: a decade of success, reviving shellfish beds in Marion, Massachusetts." *Handbook of Regenerative Landscape Design*, Robert L. France (Ed.), CRC Press.

Other Publications

1. "Basis of Design" for BLUE BTV Stormwater Program: Design Guidance for Small-Scale Green Stormwater Infrastructure Projects in Burlington, Vermont. 2023. Co-author and advisor to project. https://www.uvm.edu/seagrant/sites/default/files/uploads/BLUE_BTV_BasisOfDesign_Standards_VersionV_Complete.pdf
2. **Hurley, Stephanie** and Allen, Dana. 2023. "Potential drinking water impacts from road salt storage facilities in Vermont's Lake Champlain Basin." Final Report from USGS Vermont Water Center Study, *Lake Champlain Sea Grant Institute*. August 2023. https://www.uvm.edu/rsenr/vtwatercenter/publications
3. Niles, M. Daigneault A.…**Hurley, S.** et al. "Climate Adaptation Resources for Northern New England Farmers. 2022. Website: https://nefarmclimate.com/
4. Caswell, Martha; Maden, Rebecca; McCune, Nils; Méndez, V. Ernesto; Bucini, Gabriela; Anderzen, Janica; Izzo, Victor; **Hurley, Stephanie E**.; Gould, Rachelle K.; Faulkner, Joshua W.; and Juncos-Gautier, Maria A., "Amplifying Agroecology in Vermont: Principles and Processes to Foster Food Systems Sustainability" (2021). *USDA Agricultural Research Service (ARS) Center*. https://scholarworks.uvm.edu/arsfoodsystems/4
5. A Guide to Solar Energy in Vermont's Working Landscape. 2021. Gund Institute for Environment, UVM Extension, and VT Agency of Agriculture, Food and Markets. https://www.uvm.edu/sites/default/files/The-Center-for-Sustainable-Agriculture/resources/solar_energy_vt_working_landscape.pdf
6. Rain Garden Manual for Vermont and the Lake Champlain Basin: Landscape Strategies to Absorb the Storm. 2021. Editing and co-development of plant list.
7. Federation of Vermont Lakes and Ponds (FOVLAP) and VT Dept of Environmental Conservation. 2015. "A Guide to Healthy Lakes Using Lakeshore Landscaping." Landscape Design Coordinator and Co-author. https://dec.vermont.gov/sites/dec/files/wsm/lakes/Lakewise/docs/lp_VTlakescape.pdf
8. **Hurley, S.**, Cording, A. and Shrestha, P. 2015. *Influence of saturation duration on nutrient leaching from compost and compost-amended bioretention soils*. Final Report, Prepared for Vermont Agency of Natural Resources, May 5, 2015.
9. **Hurley, S.** Noel, C. and Kenney, J. 2012. *Low Impact Development opportunities in Waitsfield, VT*. Vermont Department of Environmental Conservation Ecosystem Restoration Program. Grant #2011-CCC-2-01 Final Report. January, 2012. http://www.friendsofthemadriver.org/documents/WaitsfieldLID_report.pdf
10. Charles River Watershed Association. 2009. *Blue Cities Guide: Environmentally Sensitive Urban Development*, Contributed images and text. Funding from The Boston Foundation & Cabot Family Charitable Trust.
11. Yocom, K. and **Hurley, S.** 2008. "Innovative approaches for retrofitting drainage infrastructure in the urban landscape." [Bridging the Pacific Series.] *Journal of Landscape Architecture, Construction, and Ecology (LAC)*, South Korea Vol. 46, pp. 32-37. June 2008.

12. *The Rebirth of the Tajo River* (Spain). 2008. Professors Christian Werthmann and Carl Steinitz. Assistant Editor. Funded by Foro Civitas Nova, Fundacion+SUMA, Castilla-La Mancha, and Harvard Graduate School of Design.
13. *Padova and the Landscape: Alternative Futures for the Roncajette Park and the Industrial Zone* (Italy). 2005. Landscape Planning Studio Publication with Prof. Carl Steinitz. Funded by Comune di Padova, and ZIP (Zona Industriale Padova).
14. *Alternative Futures for Homer, Alaska*. 2003. Case Studies Editor. University of Washington.

Graduate Student Advising, Thesis Committees & Other Supervisory Roles

Advisees – Ph.D. Students

Leslie Spencer (Food Systems PhD student, co-advising with Taylor Ricketts, started fall 2022). Topics: pollinators in agro-ecosystems, insect ecology and environmental education

Michael Ament (PhD, co-advised with Eric Roy; defended August 2021). Dissertation Title: *Multi-scale assessment of drinking water treatment residuals as a phosphorus sorbing amendment in stormwater bioretention systems.*

Rebecca Tharp (PhD, defended May 2018). Dissertation Title: *Ecological stormwater management: Analysis of design components to improve understanding and performance of stormwater retention ponds.*

Sarah Coleman (PhD, co-advised with Christopher Koliba, defended January 2018) Dissertation Title: *Bottom-up adaptive management and stakeholder participation for clean water and healthy soils in a complex social-ecological system.*

Paliza Shrestha (PhD, defended December 2017) Dissertation Title: *Water quality performance and greenhouse gas flux dynamics from compost-amended bioretention systems & potential trade-offs between phytoremediation and water quality stemming from compost amendments.*

Amanda Cording (PhD, defended March 2016) Dissertation Title: *Evaluating stormwater pollutant removal mechanisms by bioretention in the context of climate change.*

Advisees – M.S. Students

Amir Johnson (MS student, defended fall 2024). *Examining Urban Watershed Resilience in Cities and Gardens: A spatial analysis of equity of green stormwater infrastructure distribution and a mixed methods analysis of soil properties and sub-surface nutrient leaching from urban gardens, in light of gardener perceptions and management practices.*

Samantha Brewer (MS, defended fall 2023). *The Inclusion of Woodchips and Drinking Water Treatment Residuals in Vegetated Bioretention Planters: How do they stack up to conventional soil media?*

Gloria Signorini (Masters of Landscape Architecture, Polytecnico di Milano, Italy, Co-advised with Catherine Dezio, 2021). Thesis: *The role of ecological design in promoting agroecological systems in peri-urban farms.*

Jillian Sarazen (MS, co-advised with Joshua Faulkner, defended June 2020). Thesis: *Evaluating Nitrogen and Phosphorus Removal in Alternative Management Practices for Dairy Farm Production Area Runoff: Bioretention Cells and a Denitrifying Woodchip Bioreactor Treatment System.*

Holly Greenleaf (MS, defended October 2018) Thesis: *From Maintenance to Stewardship: Green Stormwater Infrastructure Capacity in Vermont Towns & Design and Participatory Processes to Provide Cultural Ecosystem Services.*

Deborah Kraft (MS, co-advised with Joshua Faulkner, defended August 2018) Thesis: *Nutrient Removal Performance of a Wood Chip Bioreactor Treatment System Receiving Silage Bunker Runoff.*

Jason Kokkinos (MS, defended May 2017). Thesis: *Bioretention in a mixed-use agricultural landscape: lessons learned from the application of low-phosphorus compost and* Panicum virgatum.

Dana Allen (MS, defended December 2015). Thesis: *Evaluating alternative technologies and monitoring methods for water quality in a field setting: research on effects of phosphorus and solids removal from cheese factory wash water and stormwater runoff treatment.*

Students for whom I served on dissertation/thesis committee (*Denotes committee chair)

Doctoral Students

Jessica Cole (PhD Student, Plant and Soil Science, Advisor V. Izzo)

Ayana Curran-Howes (PhD Student, Food Systems, Advisor D. Tobin) Agroecological Transition Design

Madelynn Edwards (PhD Student, PSS, Advisor J. Gorres, started 2022) Invasive Earthworms in Green Infrastructure

Jennifer Wilhelm (PhD, *University of New Hampshire*, completed 2017) Public perceptions on land use transition from forest to agriculture for meeting local food goals in New Hampshire.

Annie White (PhD, Advisor L. Perry, completed 2016) Pollinator responses to open-pollinated native plants versus cultivars of native species.

Rachel Schattman (PhD, Advisor E. Méndez, completed 2016) VT agricultural climate change resilience and farmer perceptions.

Margarita Fernandez (PhD, Advisor E. Méndez, completed 2015) Participatory Action Research (PAR) in Latin American coffee growing communities.

Master's Students

Micayla Schambura (MS Student, Advisor Eric Roy, defended June 2024) Stormwater sand filters for phosphorus and chlorides management.

*Frederick (Will) Sutor (MS in Natural Resources, Advisor Breck Bowden, defended September 2023) Phosphorus dynamics in Arctic ecosystems.

*Harrison Myers (MS in Civil and Environmental Engineering, Advisor Eric Roy, completed June 2023) Agricultural runoff studies at edge of field and in-stream monitoring.

Sydney Blume (MS in Food Systems, Advisor Ernesto Méndez, completed May 2023) Agroecological Agroforestry.

*Finn Bondeson (MS in Civil and Environmental Engineering, Advisor Eric Roy, completed May 2023) Nutrient management in compost production; watershed scale spatial analysis of critical sources of phosphorus.

Marcos Kubow (MS in Natural Resources, Advisor Eric Roy, completed 2022) Water treatment residuals for constructed stormwater wetlands and bioretention applications.

Jessica Cole (MS, Advisors Alison Brody and Sara Cahan, completed 2022) Plant pollinators and pesticides.

Jessica Rubin (MS, Advisor Josef Gorres, competed 2022). Ecodesign and mycoremediation.

*Tori Hellwig (MS, Advisor Clare Ginger, completed 2021) Fostering Urban Habitat for Wild Bumblebees: Applying Foundational Knowledge and Exploring Social-Ecological Systems of Pollinator Advocacy in Burlington, Vermont."

Cameron Twombly (MS in CEMS, Advisor Joshua Faulkner, completed 2019) Edge-of-field hydrology and nutrient movement associated with conventional and alternative agricultural practices.

*Holden Sparacino (MS, Advisor Kris Stepenuck, completed 2018). Road-salt application in winter maintenance: a social behavior study.

Grace Matiru (MS, Advisor L. Perry, completed 2017) Vermont Master Gardener's survey

*Andrea Urbano (MS, Advisor W. Keeton, completed 2016) Carbon dynamics in forest stands associated with different management techniques.

*Daniel Curran (MS, Advisor K. Wallin, completed 2015) Eco Machines for wastewater treatment.

*Chester Harvey (MS, Advisor L. Aultman-Hall, completed 2014) Assessing streetscape design for livability using GIS-based quantitative methods.

Holli Howard (MS, Advisor A. Troy, completed 2012) Modeling Baltimore's Urban-Rural Transition Zone.

Other Advising and Supervisory Roles

Postdoctoral Supervision for Dr. Catherine Horner (part time) January 2023-2024; Dr. Paliza Shrestha 2021-22 and Postdoctoral Advising for Dr. Matthew Burke 2019-20.

Faculty Advisor to Self-Design Majors.

- Mason Tuff, *Green Engineering Design and Innovation*. Expected graduation Spring 2025.
- G. Harrison Myers, *Ecological Engineering Design*. Spring 2019.

Advisor for Undergraduate Honors College Theses:

- Joanna Mullen. [Topic: Parking Lot Redesign for managing urban heat islands and stormwater while improving biodiversity]. 2023
- Cyrus Oswald. "Vermont Wildlife Landscape Connectivity: A Case Study Connecting Habitats in the Green Mountains, Spanning Interstate 89." 2022.
- McKinley Deery. "Estimating the Effects of Village Greens on Localized Air Quality Index and Outdoor Air Temperature in Vermont." 2021.

Advisor for Environmental Science Capstone Project: Alyssa Barroso, 2023.

Supervisor for Service-Learning Undergraduate Teaching Assistants: Amanda Lindley 2021; Fosca Bechtold 2022; Dora Hilker 2023; Bryn Carroway 2024. This involves working closely with four total SLTAs to-date on planning their roles and responsibilities each semester to further promote and solidify the objectives of service-learning activities in my courses.

Committee Member for Undergraduate Honors College Thesis. Carl Betz, Environ. Science. "Nitrogen Removal Performance of Roadside Bioretention Cells Amended with Aluminum-Based Water Treatment Residuals." 2021

Committee Member for BS Thesis. Pheobe Paron, Environ. Studies. "Alternatives to lawns on UVM campus." 2019.

Committee Member for Undergraduate Thesis. Holly Greenleaf, Environmental Studies Major: "The Greenleaf Farm Resiliency Project: An Ecological Landscape Design," 2014.

Committee Member for Undergraduate Thesis. Henry Webb, Studio Art Major: "Meanings of Landscape and Place," 2012.

Supervision of Technicians and Research Interns in UVM Ecological Landscape Design Lab (E. Twohig, S. Cording, D. Allen, L. Jackson, R. Freeman, S. Wooster, R. King, A. Levine, N. King, B. Towle, N. Kaminski, C. Betz, K. O'Brien, B. Carleton, J. Goodwin, S. Shaevel, S. Holmes).

Supervision of Research Assistants on Landscape Visualization Project for Climate Change BMPs on Farms and Design Computer Lab (K. Odell, C. Gieryic, W. Morris, G. Zeitz, H. Greenleaf, E. Coniglio).

University & Professional Service

University & Departmental Service

Associate Dean for Faculty and Curricular Affairs, College of Agriculture and Life Sciences (CALS), February 2024-present.

Gund Institute for Environment – Diversity Equity Inclusion and Belonging (DEIB) Committee 2021-present; Interim Co-Chair 2022-23 Academic Year.

Co-Chair of Plant and Soil Science Graduate Affairs Committee (Graduate Student Advising and Admissions), August 2015-January 2024.

UVM Campus Planning Committee & Landscape Advisory Subcommittee (LAS), August 2011-December 2022; and new Landscape, Mobility, and Sustainability Advisory Group January-September 2023.

UVM Food Systems Faculty Member & Member of Food Systems Projects & Thesis Committee, 2015-2019.

Fellow of the Gund Institute of Environment, 2018-present.

Chair of Search Committees for PSS-CDAE Landscape Design Faculty (2023) and Lake Champlain Sea Grant Research Program Coordinator (2019).

Manager of Jeffords Hall Design Computer Laboratory, May 2012-2023.

Community Partner for PSS 269 Students on Miller Research Farm Stormwater Pond Retrofit. Spring 2018

Community Partner/Advisor for UVM's College of Engineering and Mathematical Sciences (CEMS) Students in CE295B "Runoff Treatment and Design" – 4 teams of students designing stormwater filters for phosphorus removal, Spring 2019.

Chair of Jeffords Hall Educational Garden Committee, 2012-2014.

Advisor for CEMS Senior Project Team, Spring 2012.

UVM Sustainability Faculty Fellow University of Vermont, 2012.

Community & Professional Service

National Academies of Science Engineering and Medicine (NASEM). Member of Consensus Committee on Review of Approaches for Managing Pollutant Loads in Highway Stormwater Runoff. December 2023-September 2025. https://www.nationalacademies.org/our-work/review-of-approaches-for-managing-pollutant-loads-in-highway-stormwater-runoff#sectionCommittee

Minnesota Department of Transportation Green Stormwater Infrastructure Technical Advisory Committee. February 2024-June 2025.

State of Vermont Green Infrastructure Roundtable. Academic Representative to Advisory Team 2016-present; participant in Roundtable since June 2010.

Advisor to City of Burlington "BlueBTV" Residential Stormwater Incentive Program, 2022-24, with Lake Champlain Sea Grant, Fitzgerald Environmental Inc., Just Water Consulting, and other partners.

Review Panel Member for Chesapeake Bay Trust, 2022.

Reviewer for Scholarly Journals (*Journal of Environmental Quality, Journal of Environmental Management*, *Environmental Science and Pollution Research, PLOS ONE, Ecosystems, Ecological Engineering, Elementa: Science of the Anthropocene, Journal of Housing and the Built Environment, Landscape and Urban Planning, Sustainable Water and the Built Environment)* and for Book Proposal in 'Earth Science' theme for Wiley Publishers, UK.

Review Panel Member for Lake Champlain Basin Program, 2018.

Academic research representative from University of Vermont for Regional Green Stormwater Infrastructure Summit for Land-Grant Institutions, University of Connecticut, Storrs, CT; June 2015 and June 2018.

Reviewer of Competitive Research Proposals for Northeastern States Research Collaborative & Illinois Water Resources Center. 2010.

Technical Review Panel Member for NetZero Vermont: "Montpelier 2030" Design Competition. 2016.

Design Committee for Union Playground Project, Montpelier, VT. 2015-2019.

Reviewer/Annual Project Awards Jury for "Greenworks," Vermont Nursery and Landscape Association. 2010.

Memberships: American Society of Landscape Architecture (ASLA), American Water Resources Association (AWRA).

Conference Presentations, Seminars, & Speaking Engagements

Academic & Professional Conferences

1. "Green Stormwater Infrastructure Tour: Planning, Design, Equity, Environment." Field Session (with Andy Erickson, Jennifer Ehlert, and Della Young). *American Society of Landscape Architects (ASLA) Conference on Landscape Architecture*. Minneapolis, MN. October 27, 2023.
2. "Incentives and Barriers to Adoption of Green Stormwater Infrastructure by Vermont Municipalities and Residents." *Lake Champlain Research Conference*. Burlington, VT. May 24, 2022.
3. "Putting Green Stormwater Infrastructure to the Test: seven years of research on soil media and vegetation design." *Restoring American Estuaries, National Coastal and Estuarine Virtual Summit*: September-29-October 2, 2020.
4. "Green Stormwater Infrastructure Research: bioretention, water quality, and nutrient dynamics in urban and agricultural settings." *North American Lakes Management Society 39th International Symposium,* Burlington, VT. November 13, 2019.
5. "Green Stormwater Infrastructure: Research and Design Implications" *Resilient Vermont Conference*, Center for Global Resiliency and Security, Norwich University, Northfield, VT. June 7, 2019.
6. "Recent research on compost considerations for stormwater management & phytoremediation" *Vermont Organics Recycling Summit*. VT Technical College, Randolph, VT. April 5, 2018.
7. "Lessons learned from 5+ years of stormwater bioretention research in Vermont" *Lake Champlain Research Conference,* Lake Champlain Basin Program, Burlington, VT. January 8, 2018.
8. "Green (and Vegetated) Stormwater Infrastructure: lessons learned from bioretention design research in Vermont." *American Water Resources Association (AWRA) Annual Conference,* Portland, OR. November 9, 2017.
9. "Design for cold-climate, Green (and Vegetated) Stormwater Infrastructure: bioretention opportunities and challenges." *International Low Impact Development Conference*, ASCE, Portland, ME. August 29, 2016.
10. "From concept to construction: parking lot bioretention in Waitsfield, VT." *Raising the Bar for Green Stormwater Infrastructure,* Center for Watershed Protection, So. Burlington, VT. April 22, 2014.
11. "Design scenarios for Low Impact Development: ultra-urban watershed-scale redevelopment case studies from the Charles River watershed in Boston." *American Water Resources Association (AWRA) Annual Conference,* New Orleans, LA. November 20, 2008.
12. "Urban watershed redevelopment: building a blue Allston campus for Harvard University." *Water in the City Conference,* Victoria, British Columbia September 20, 2006.
13. "Building a Blue Allston" with Kate Bowditch and Pallavi Mande. *National River Rally Conference,* Bretton Woods, NH. May 5, 2006.
14. "Great (Wet) Streets: MLA Thesis Research" with Megan Wilson. *Puget Sound Georgia Basin Research Conference*, Seattle, WA. March 2005.

Invited Presentations, Symposia, & Workshops

1. "Lessons Learned: Designing bioretention and other stormwater treatment practices for nutrient removal," Speaker and Panelist for Stormwater Nutrient Management: Keeping Water Blue and Landscape Green, *New England Water Environment Association (NEWEA)*. October 28, 2025.
2. Natural, Cultural, and Design Solutions for Resilient Green Stormwater Infrastructure" *UVM Water Resources Institute*. December 2, 2024. https://youtu.be/2KZ10AFsi1I?si=FlyVWDzrEjsawpG4.
3. "Recent Research on Soil Media Design for Bioretention" *New England Interstate Water Pollution Control Commission (NEIWPCC)*. Invited Presentation at State and EPA Stormwater Staff Meeting. September 21, 2023.
4. "Compost in Stormwater Bioretention Listening Session" Panelist for Minnesota Stormwater Invitational Meeting. June 23, 2023
5. "Recent Research on Bioretention Soil Media" *New England Water Environment Association (NEWEA,)*

Stormwater Conference. Framingham, MA. May 10, 2023.

6. "Developing an Urban Agroecology Design Toolkit: Case Studies from Italy & Vermont." January 27, 2023. GundxChange. *Gund Institute for Environment*, UVM.
7. "Managing Phosphorus Pollution with Stormwater Bioretention Systems: A Soil Study." June 8, 2021. EPA Soak Up the Rain New England Webinar. Recording: https://www.epa.gov/soakuptherain/soak-rain-new-england-webinar-archive#20210608
8. "Photovisualization of Riparian Buffers for landowners, farmers & outreach providers." March 10, 2021. Riparian Buffers Practitioners Meeting, via Webinar.
9. "Bioretention Soil Media, Vegetation, and Maintenance: Lessons learned from Green Stormwater Infrastructure research in Vermont." May 7, 2020. University of Minnesota Water Resources Center, via Webinar. Recording: https://www.youtube.com/watch?v=9CO5arYX3f4&t=18s
10. "Solving Water Problem's with Nature's Design" ECHO World Water Day, K-12 schools celebration. Keynote speaker. March 20, 2018.
11. "Green Stormwater Infrastructure Research Results: from Water Quality to Ecological Aesthetics." Gund Tea, UVM. February 16, 2018.
12. "Sustainability, aesthetics, ecology." Invited Speaker for *Visions@UVM: Sustainability in Action,* UVM. April 20, 2017.
13. "Green Stormwater Infrastructure: current research projects for Vermont suburbs, campuses, and farms." Invited speaker for *Green Stormwater Infrastructure Student Symposium*, UVM. March 30, 2016.
14. "Landscape design for water treatment: multiple scales, multiple functions." Invited speaker for *Rubenstein School of Environment & Natural Resources Fall 2015 Seminar*, UVM. October 8, 2015.
15. "Stormwater treatment in the landscape: design for ecological function." Invited speaker for *High Meadows Fund Board Meeting*, Montpelier, VT. June 26, 2015.
16. "Climate change best management practices, green infrastructure, and smart growth." Invited speaker for *Vermont Legislative Policy Summit on Climate Change*, UVM. November 18, 2014.
17. "Landscape visualizations for climate change best management practices" (Poster Session and Informal Discussion), *USDA Northeast Climate Hub Visit to UVM*. October 22, 2014.
18. "Green Stormwater Infrastructure: implementation and monitoring," Invited speaker for *New England Assoc. of Environmental Biologists and Lake Champlain Basin Program Joint Conference on Climate Change Adaptation: Stormwater Management and Aquatic Ecosystem Impacts*, Burlington, VT. March 25, 2014.
19. "Landscape visualization of climate change best management practices," *Northeast Organic Farming Association of Vermont* Annual Conference, Burlington, VT. February 16, 2014.
20. "UVM Bioretention Laboratory design and construction," Invited speaker for *State of Vermont Watershed Management Division Workshop for Professionals: Green Stormwater Infrastructure: Soils at Work*. Montpelier, VT October 2013.
21. Led site tour of UVM Bioretention Laboratory. Burlington, VT for *New England Interstate Water Pollution Control Commission (NEIWPCC) Annual Conference* May 2013.
22. "Stormwater in the landscape," Invited speaker for *Vermont Environmental Consortium Stormwater Conference* Burlington, VT March 14, 2013.
23. "Stormwater in the city: design for ecological function" Invited speaker for *Urban Ecology Symposium*, Massachusetts Institute of Technology (MIT) Cambridge, MA. December 16, 2011.
24. "Green Infrastructure for clean water and healthy people." Expert Testimony for *Vermont House of Representatives Committee on Fish, Wildlife, and Water Resources*, Montpelier, VT. March 2009.
25. Conference coordination and hosting of international speakers. *European Landscape Convention, Conference* Organized by Prof. Carl Steinitz, Harvard University, Cambridge, MA. October 2008.
26. "Streets are the headwaters of urban streams." Invited speaker for Sasaki 'Green Day' at Sasaki Offices, Watertown, MA May 2006.

27. "Going with the flow: water at Harvard." Invited speaker and Session Facilitator for *Harvard Vision 2020: A Bridge to Sustainability*, Cambridge, MA. April 2006.

Guest Lectures for College/University Courses & Faculty Meetings

1. "Developing an Urban Agroecology Design Toolkit" CDAE 6990 B: *Ecological Economics Applications Urban Agroecology* (Instructor: Josh Farley) UVM. February 13, 2024.
2. "Green Stormwater Infrastructure: Recent Research." *ENSC 3690 Pollution Movement in Soil, Air, Water,* (Instructor: Dan Nielsen). February 6, 2024:
3. "Thoughts on Increasing Inclusiveness in Teaching" CALS Faculty Meeting, December 5, 2022.
4. "Green Stormwater Infrastructure: Design and Research" in PSS 037 *Living Landscapes* (Instructor Annie White), UVM. September 16, 2021.
5. "Landscape Ecology Principles in Landscape Design" in NR 220 *Landscape Ecology* (Instructor Taylor Ricketts), UVM. March 4, 2021.
6. "Green Stormwater Infrastructure: Bioretention Research" in CE 295B *Runoff Treatment and Design for Civil and Environmental Engineering* (Instructor: Bree Mathon), UVM. February 15, 2019.
7. "Recent research on compost considerations for stormwater management & phytoremediation" in PSS 154 *Compost Ecology* (Instructor: Lynn Fang). July 19, 2018.
8. "Ecological landscape design for water treatment" in CDAE 295/395 *Resilient Communities: Designing at the Nexus of Food, Energy and Water Systems* (Instructor: Asim Zia), UVM. Feb. 23, 2017, April 3, 2018.
9. "Stormwater and Green Stormwater Infrastructure" in PSS 269. *Soil/Water Pollution and Bioremediation.* (Instructor: Joshua Faulkner) March 29, 2018.
10. "Landscape visualizations: connecting with decision-makers" in CDAE 295 *Community Participatory Action Research* (Instructor: Kate Elmer), UVM. March 24, 2014.
11. "Ecology & culture in landscape design" in NR 104 *Social Processes and the Environment* (Instructor: Reese Hersey), UVM. October 15, 2013.
12. "Green Stormwater Infrastructure" in NR 205 *Ecosystem Management: Integrating Science, Society, & Policy* (Instructor: Austin Troy), UVM. February 2010, 2011, and October 2011.
13. "Urban Watershed Redevelopment" in ENSC 202 *Ecological Risk Assessment* (Instructor: Breck Bowden), UVM. March 2009.
14. "Urban Watershed Redevelopment: Doctoral Thesis Research." Invited speaker for undergraduate course. College of the Atlantic, Bar Harbor, ME. January 2009.
15. "Green Stormwater Infrastructure." Invited speaker for landscape architecture summer program students in Harvard Graduate School of Design "Career Discovery" Program Cambridge, MA. June 2008.

Publicity & Exhibits

International Geodesign Collaborative. Hurley, S., Turner, H., and Galford, G. "Winooski River Watershed, Vermont, USA, Geodesign StoryMap". February 2024: https://storymaps.arcgis.com/stories/55b403413bc64a51a4f9bb98f7d970a2

Vermont Magazine & UVM Today (semi-annual print and online magazine), Research featured in story by Josh Brown "Fixing Phosphorus" November 2021. https://issuu.com/universityofvt/docs/uvmmag_fall2021_issu

Interview for *Popular Science* article: "Make your home greener, and more resilient" by Marlene Cimons, Nexus Media. October 4, 2018. https://www.popsci.com/green-home-improvements.

2017 Annual Report of UVM Extension and Vermont Agricultural Experiment Station. "Reducing Runoff in Vermont Watersheds," January 2018, p. 3. https://www.uvm.edu/sites/default/files/UVM-Extension-

Cultivating-Healthy-Communities/annualreport2017.pdf

Radio Interview on Water Quality Law: Vermont Public Radio, Story By Peter Hirschfeld; Jan. 17, 2018.

Radio interview on "Watershed Resilience and Green Infrastructure," Program: Re-localizing Vermont, WGDR. Host: Carl Etnier; June 19, 2017.

Fleming Art Gallery, University of Vermont Exhibit on "Visualizations in the Sciences," including three pairs of Landscape Visualizations by Holly Greenleaf and Stephanie Hurley, November 10–December 17 2015, Dudley H. Davis Center, UVM.

Live Television interview regarding current research on "Landscape visualization for agricultural climate change best management practices." Across the Fence, WCAX September 2015.

UVM University Communications article "When Good Compost Goes Big," featuring compost research in my lab, by Joshua Brown October 23, 2014

Film Interview "Bloom: The Plight of Lake Champlain, Part III: The Emergence of Ecological Design," premiered December 2011.

Image publication of "Salmon Spirals" design for Seattle Waterfront Charrette, 2004. Published in *Landscape Architecture Magazine*, August 2004.

Awards & Honors

"Outstanding Reviewers" *Sustainable Water in the Built Environment,* 2022: https://ascelibrary.org/jswbay/outstanding_reviewers

Graduate Student Senate Nominee for Outstanding Graduate Advisor (one of eight UVM faculty nominated), 2016-2017.

American Society of Landscape Architecture Honor Award in 'Analysis and Planning' Category for *The Rebirth of the Tajo River* (Spain). Served as "Faculty Advisor," Group Project. 2008.

Arthur Lehman Scholarship, Harvard Graduate School of Design, Academic Year 2006-7.

Penny White Student Projects Award, Harvard Graduate School of Design, Spring 2006. Travel and research grant, entitled: "Constructed Wetlands: Good, Clean, Fun?"

Merit Award from Washington Chapter of American Society of Landscape Architecture for *Alternative Futures for Homer Alaska.* Group Project. 2004.

American Planning Association Honor Award for "Learning From Small Towns: Community character, vitality, and large-scale retail." Group Project. 2003.

Terry Clark Gerrard Memorial Scholarship University of Washington Department of Landscape Architecture, 2002-2003.

Other Training & Experience

Computer Programs: proficiency with MS Office Suite, ArcGIS, Adobe Photoshop, WinSLAMM Stormwater Modeling Program. Working knowledge of Adobe Illustrator, Adobe InDesign.

Guest Speaker for Wilder Arts After School Lego-Town Program for Grades 2-5, on "Landscape Design and Watershed Thinking," Montpelier, VT. January 4, 2023.

Alan Alda Communicating Science Workshop, Sponsored by VT EPSCoR, 2018.

Upstream-Downtown Design Charrette facilitator for breakout groups on Building Resiliency Downtown. Montpelier, VT. March 2013.

Editing assistance for Art Book: *Brave Intuitive Painting: Let go, be bold, unfold*! Flora Bowley, Quarry Books, 2012.

Charrette facilitator for “THINK TANK!” at ECHO Lake Aquarium and Science Center, Burlington, VT. July-September, 2010.

Guest reviewer for student presentations on “Planning for Rural Community Development,” Yestermorrow Design Build School Warren, VT. January 2008.

Volunteer water quality monitoring, Puget Soundkeeper Alliance, Seattle, WA. September 2004-June 2005.

Independent study coordinator of “Green” Materials in Architecture & Landscape Architecture. University of Washington. October-December 2002.

Permaculture Design Certificate, Bullocks Farm, Orcas Island, WA, July-August. 2001.

Science camp counselor, overnight middle school science camps, Pacific Science Center, Seattle, WA. February-June, 2001.

Environmental Education Program Assistant, Santa Barbara Botanic Garden, CA. April-August, 2000.

Substitute teacher, Crane School, Santa Barbara, CA.: Science, Math, English. January-June 2000.

Undergraduate Teaching Assistant, UC Berkeley: student facilitator of *Ecosystemology* course. January-May 1999.

Laboratory assistant, Integrative Pest Management (IPM) Lab, UC Berkeley. October 1998-April 1999.

Research assistant, Sierra Nevada Aquatic Research Lab (SNARL), UC Santa Barbara. June-August 1997.

Outdoor education, UC Berkeley: environment & leadership course for teens, Oakland, CA. January-May 1996.