

MARCELLO GRAZIANO, Ph.D., FeRSA

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CURRENT POSITIONS

Ruralis – Institute for Rural and Regional Research, Trondheim, Norway.

Senior Researcher

August 2023-present

As Senior Researcher I am responsible for developing and managing national and international research projects on regional development, overseeing the work of non-senior researchers, and training master and PhD students. Currently, I am PI on a project investigating the skill gaps in the electricity sector during the green transition in Connecticut, on a project investigating the policy hurdles and training hurdles hampering the development of the Norwegian Blue Economy, and the Co-PI of JusticeFirst, an international project investigating new governance approaches to energy transitions.

Connecticut Center for Economic Analysis (CCEA), and Eversource Energy Center (EEC) University of Connecticut, Storrs (CT), USA.

Associate Director

January 2022 - present

As Associate Director of CCEA, I am leading the Center's collaboration with the Eversource Energy Center to study the costs and benefits of increasing the resilience of the New England region power grid system, and to model changes in energy demand due to emerging technologies. In addition, I lead the collaboration with the University of Connecticut School of Social Work and the State of Connecticut Office of Early Childhood.

EDUCATION

University of Connecticut, Storrs, (CT).

2009 – 2014

Ph.D. in Geography.

Research Fields: Economic Geography, Energy Geography, Technology Diffusion Models, GIS, I/O models.

Thesis: *Adoption of Diffused Renewable Energy Technologies: Patterns and Drivers of Residential PV in Connecticut, 2005-2013.*

Appointment as *Teaching Assistant* for three undergraduate courses.

Advisors: Carol Atkinson Palombo, Kenneth T. Gillingham (Yale University), Chuanrong Zhang, Fred V. Carstensen, Dean Hanink.

University of Turin, Department of Economics, Turin, Italy.

2007 – 2009

M.Sc. in International Economics.

Thesis: *Bioenergies, Wind and Solar Power: Analysis of the Brazilian Energy Matrix.*

Includes six months as visiting student at the Department of Economics and Administration, and the National Center for Biomass (CENBIO) at the Universidade de São Paulo, Brazil.

University of Turin, Department of Economics, Turin, Italy.

2003 – 2007

B.Sc. in Foreign Trade.

Thesis: *The Bipolar Development of the Latin American Trade System.*

Includes six months as exchange students at the Department of Economics, University of Reykjavik, Reykjavik, Iceland.

ACADEMIC AWARDS & TITLES

| | |
|---|------------|
| <i>Visiting Professor by Reputation</i> , Italian Ministry of University and Research. | 2024 |
| <i>Highly Commended Paper (Outstanding Research Design and Methods category)</i> , AAG Energy Geographies Specialty Group, 2022. | 2022 |
| <i>Annual Faculty Resources Fund</i> , School of Business, Southern Connecticut State University | 2022 |
| <i>SCSU 2021 Career Champion</i> , Southern Connecticut State University | 2021 |
| <i>Fellow</i> , Regional Studies Association | 2020 |
| <i>Faculty Outstanding Research – Nominated</i> , Central Michigan University | 2018 |
| <i>Faculty Excellence Exhibition</i> , Central Michigan University | 2018 |
| <i>Faculty Premier Display Award</i> , Central Michigan University | 2017, 2018 |
| <i>Conference Award</i> , Marine Alliance for Science and Technology Scotland. | 2014 |
| <i>Conference and Research Fund</i> , University of the Highland and the Islands. | 2014 |
| <i>Center for Real Estate and Urban Economic Studies 2014 Research Fellowship</i> , University of Connecticut. | 2014 |
| <i>Dissertation Research Fellowship</i> , University of Connecticut. | 2013 |
| <i>Summer Research Fellowship</i> , University of Connecticut. | 2012 |
| <i>T. and B.C. Holt Economics Fellowship</i> , University of Connecticut. | 2011 |
| <i>Special Mention for the M.Sc. Thesis</i> , University of Turin. | 2009 |
| <i>Research Thesis Scholarship</i> , Department of Economics; <i>Italian American Exchange Scholarship</i> , University of Turin. | 2008 |
| <i>Erasmus Mundus Scholarship</i> , European Union. | 2006 |

PUBLICATIONS AND CONFERENCE ACTIVITY

PEER REVIEWED – PUBLISHED

Connelly, C., Graziano, M., and Steinbach, S. (2025). *David versus Goliath? The Impact of Corporate Expansion in the Alcohol Retail Industry on Incumbent Small-Scale Retailers*. *Journal of Wine Economics*, in press.

Hoicka, C., **Graziano, M.**, Willard-Stepan, M., and Zhao, Y. (2025). *Insights to accelerate place-based at scale renewable energy landscapes: An analytical framework to typify the emergence of renewable energy clusters along the energy value chain*. *Applied Energy*, 377(C): 124559. <https://doi.org/10.1016/j.apenergy.2024.124559>

Graziano, M., Liu, P., Meyer, K., and Zhang, W. (2024). *Effects of ecological shocks on residential asset prices: evidences from Michigan*. *Agricultural and Resource Economics Review*, in press. <https://doi.org/10.1017/age.2024.13>

Graziano, M., Fouquet, R., Michieka, N., and Musso, M. (2024). *Energy Transitions of declining energy industries: the effect of Renewable Portfolio Standards on the U.S. coal industry*. *Environmental Research: Energy*, 1(4): 045003. <https://doi.org/10.1088/2753-3751/ad7d11>

Biancone, P., and **Graziano, M.** (2024). Editorial: *Disruptive mobility for smart cities: It's time to change!* *Journal of Cleaner Production*, 472: 143575. <https://doi.org/10.1016/j.jclepro.2024.143575>

Gallaher, A., **Graziano, M.,** Atkinson-Palombo, C., Scruggs, L. (2024). *Electrifying the road: Navigating the transition to electric vehicles in Connecticut through hybrid insights and fleet evolution*. *Journal of Cleaner Production*, 459: 142574. <https://doi.org/10.1016/j.jclepro.2024.142574>

Connelly, C., Steinbach, S., **Graziano, M.,** and McDonnell, A. (2024). *In Cervisia Veritas: The Impact of Repealing Sunday Blue Laws on Alcohol Sales and Retail Competition*. *Journal of Wine Economics*, 18(4): 312-323. <https://doi.org/10.1017/jwe.2023.26>

Gallaher, A., **Graziano, M.,** Bertana, A., and Axon, S. (2023). *Breaking wind: An exploratory research agenda for offshore wind development in the United States*. *Renewable and Sustainable Energy Reviews*, 187: 113766. <https://doi.org/10.1016/j.rser.2023.113766>

Michieka, N., **Graziano, M.,** Fouquet, R., and Musso, M. (2022). *Energy Transitions and Labor Market Patterns in the U.S. Coal Industry*. *Structural Change and Economic Dynamics*, 63: 501-514. <https://doi.org/10.1016/j.strueco.2022.07.005>

Liesch, M., and **Graziano, M.** (2023). *Socio-Economic Impacts of the Great Lakes Restoration Initiative*. *Geographical Review*, 113(2): 268-284. <https://doi.org/10.1080/00167428.2021.1995865>

Caragliu, A., **Graziano, M.** (2022). The spatial dimension of energy transition policies, practices, and technologies. *Energy Policy*, 168: 113154. <https://doi.org/10.1016/j.enpol.2022.113154>

Graziano, M., McGrane, S., Lema, E., Alexander, K.A., and Grant, A. (2022). *The many sizes and characters of the Blue Economy*. *Ecological Economics*, 196: 107419. <https://doi.org/10.1016/j.ecolecon.2022.107419>

Axon, S., Bertana, A., **Graziano, M.,** Cross, E., Smith, A., Axon, K., Wakefield A. (2022). *A U.S. Blue New Deal: What does it mean for Just Transitions, Sustainability, and Resilience of the Blue Economy?* *The Geographical Journal*, forthcoming. <https://doi.org/10.1111/geoj.12434>

Graziano, M., Heumann, B.W., Fiaschetti, M. (2022). *A Data-driven Algorithm to Re-define the Rural-Urban Dichotomy: Affinity Propagation as a Mixed-Data/Mixed-Method Tool*. *Economic Development Quarterly*, 36(3): 294-316. <https://doi.org/10.1177%2F08912424221103556>

Gallaher, A., **Graziano, M.,** and Fiaschetti, M. (2021). *Legacy and shockwaves: A spatial analysis of strengthening resilience of the power grid in Connecticut*. *Energy Policy*, 159: 112582. <https://doi.org/10.1016/j.enpol.2021.112582>

Graziano, M., Fiaschetti, M., and Heumann, B. *A data-based approach to identifying regional typologies and exemplars across the urban-rural gradient in Europe using affinity propagation*. (2021). Special issue of *Regional Studies* "Approaches to data, environment, and society", *Regional Studies* 55(12): 1939-1954. <https://doi.org/10.1080/00343404.2021.1871598>.

Hermannsson, K., Scandurra, R., **Graziano, M.** (2021). *Youth Unemployment and Tertiary Education in European Regions during a Period of Economic instability*. *Journal of Education Finance*, 46(4): 477-495. https://muse.jhu.edu/article/796977#info_wrap

- Spanou, L., Kenter, J.O., **Graziano, M.** (2020) *The Effects of Aquaculture and Marine Conservation on Cultural Ecosystem Services: An Integrated Hedonic – Eudaemonic Approach*. *Ecological Economics*, 176, 106757. <https://doi.org/10.1016/j.ecolecon.2020.106757>.
- Bogen, N., Heumann, B.W., Liesch, M. **Graziano, M.** (2020). *The Continental United States in Eleven Zip Codes: Identifying and Mapping Socio-economic Census Data Clusters and Exemplars using Affinity Propagation*. *Journal of Maps*, 16 (1). <https://doi.org/10.1080/17445647.2020.1736193>
- Graziano, M.**, Gunther, P., Carstensen, F.V., Gallaher, A., Becker, B. (2020). *The wider regional benefits of power grids improved resilience through tree-trimming operations: evidences from Connecticut, USA*. *Energy Policy*, 138, 111293. <https://doi.org/10.1016/j.enpol.2020.111293>
- Graziano, M.** (2019), *Solar power: Participation is the fuel*. *News & Views of Nature Energy*, 4: 2012-2013. <https://doi.org/10.1038/s41560-019-0511-2>.
- Hermannsonn, K., Scandurra, R., and **Graziano, M.** (2019), *Will the unequal regional distribution of tertiary education persist? The case of Europe in a period of rising participation*. *Regional Studies, Regional Science*, 6(1): 539-556. <https://doi.org/10.1080/21681376.2019.1680313>
- Heidkamp, C.P., Garland, M., Axon, S., and **Graziano, M.** (2019). *The Blue Economy: Identifying geographic concepts and sensitivities*. *Geography Compass*, 13(7): 1-21. <https://doi.org/10.1111/gec3.12445>.
- Lema, E., Liesch, M., and **Graziano, M.** (2019). *Pathways for Resilience in Four Great Lakes Legacy Cities*. In: Burayidi, M., Allen, A., Twigg, J., and Wamsler, C. (eds.). *The Routledge Handbook of Urban Resilience*. Abingdon, UK: Routledge. <https://www.routledge.com/The-Routledge-Handbook-of-Urban-Resilience-1st-Edition/Burayidi-Allen-Twigg-Wamsler/p/book/9781138583597>
- O’Higgins, T., **Graziano, M.**, Alexander, K. (2019). *Mismatches in spatial scale of supply and demand, and their consequences for local Welfare in Scottish Aquaculture*. *Anthropocene Coasts*, 2(1): 261-278. <https://doi.org/10.1139/anc-2018-0025>
- Graziano, M.**, Alexander, K.A., Liesch, M., Lema, E., and Torres, J.A. (2019). *Understanding an emerging economic discourse through regional analysis: Blue economy clusters in the U.S. Great Lakes basin*. *Applied Geography*, 105: 111-123. <https://doi.org/10.1016/j.apgeog.2019.02.013>
- Zikos, D., Delellis, N., **Graziano, M.**, Massaria, K.N. (2019). *Social determinants of patient satisfactions in home care services*. *Home Health Care Services Quarterly*, 38(2): 43-60. <https://doi.org/10.1080/01621424.2019.1604459>
- Graziano, M.**, Fiaschetti, M., Atkinson-Palombo, C. (2018). *The influence of spatial setting and socioeconomic profile in inner-city and suburban areas on the diffusion of residential PV systems*. *Energy Research & Social Science*, 48:75-84. <https://doi.org/10.1016/j.erss.2018.09.002>
- Graziano, M.**, Gillingham, K.T. (2018), *Spatial Patterns of Solar Photovoltaic System Adoption: The Influence of Neighbors and the Built Environment*. In Fouquet, R. (ed.). *The Economics of Renewable Energy*. Cheltenham, UK: Edward Elgar Publishing. [Invited re-print of 2015 article].
- Kerr, S., Watts, L, Brennan, R., Howell, R., **Graziano, M.**, O’Hagan, A.M., van der Horst, D., Weir, S., Wright, G., and Wynne, B.. *Shaping Blue Growth: social sciences at the Nexus between marine renewables and energy policy*. (2018). In Foulds, C., and Robinson, R. (eds.). *Advancing energy policy: lessons on the integration of social sciences and humanities*. London, UK: Palgrave-Macmillan.

Alexander, K.A., **Graziano, M.** *Scale mismatches: old friends, and new seascapes in a planning regime.* (2018). In Heidkamp, P. and Morrissey, J., *Coastal Transitions: Towards sustainability and resilience in the coastal zone.* London, UK: Routledge. ISBN-13: 978-0815358633

Graziano, M., Fox, C.J., Alexander, K., Pita, C.B., Heymans, J.J., Crumlish, M., Hughes, A., Ghanawi, J., Cannella, L. (2018). *Does 'Big' always mean unsustainable under market stress? Evidences from two UK seafood sectors.* *Marine Policy*, 87: 301-313. <https://doi.org/10.1016/j.marpol.2017.10.014>

Graziano, M., Musso, M., Lecca, P. (2017). *Historic paths and future expectations: the macroeconomic impacts of the offshore wind technologies in the UK.* *Energy Policy*, 108: 715-730. <https://doi.org/10.1016/j.enpol.2017.06.042>

Graziano, M., Billing, S-L., Kenter, J., Greenhill, L. (2016). *A transformational paradigm for marine renewable energy development.* *Energy Research and Social Sciences*, 23: 126-147. <https://doi.org/10.1016/j.erss.2016.10.008>

Graziano, M., Gillingham, K. (2015). *Spatial Patterns of Solar Photovoltaic System Adoption: The Influence of Neighbors and the Built Environment.* *Journal of Economic Geography*, 15(4): 815-839. <https://doi.org/10.1093/jeg/lbu036>

Parent, J., **Graziano, M.** and Yang, X. (2014). *The Potential of Using Forest Residues to Offset Coal Use in Co-fired Coal Power Plants in the Eastern United States.* *International Journal of Agricultural and Biological Engineering*, 7:99-105. <https://doi.org/10.3965/j.ijabe.20140704.011>

Graziano, M., Greenhill, L., Billing, S., *What future for the energy-rich Scottish North? Changes in the economic landscape of the Highlands and Isles, and the rest of Scotland.* Proceedings to the 2014 RSAI Winter Conference 'Sustainable Recovery? Rebalancing, Growth, and the Space Economy'.

Carstensen, F.V., **Graziano, M.**, Vorotyntseva, N., Waite, W.E. and Parr, K.E. (2013). *Economic Analysis of Bioenergy: an Integrated Multidisciplinary Approach.* In **Suib, S (editor)**, *New and Future Developments in Catalysis: Catalytic Biomass Conversion*, pp. 297-323. Amsterdam, the Netherlands: Elsevier.

Gunther, P., **Graziano, M.** and Carstensen, F.V. (2012), *Driving Smart Growth: Electric Vehicles Adoption and Off-peak Electricity Rates.* *U.S. Association for Energy Economics Dialogue*, 21(1).

PEER REVIEWED – UNDER REVIEW (proof of status available upon request)

Graziano, M., O'Higgins, T., Longo, A., Gross, J., Fiaschetti, M., and Alexander, K.A. *The effects of Blue Economy activities on housing prices – a viewshed-hedonic approach.* Under review in the *Journal of Rural Studies*.

EDITORIAL WORK

Biancone, P., and **Graziano, M.** (editors) (2025). *Disruptive mobility for smart cities: It's time to change!* *Journal of Cleaner Production & Cleaner Logistics and Supply Chain.* Forthcoming.

Graziano, M. and Caragliu, A. (editors) (2022). *The spatial dimension of energy transition policies, practices and technologies.* *Energy Policy.* <https://www.sciencedirect.com/journal/energy-policy/special-issue/105NR15SZ1T>

PEER REVIEWED – IN PREPARATION

Graziano, M., Gallaher, A., Bertana, A., and Axon, S. *Mapping the intersection between the Green Economy and Justice*⁴⁰. Accepted for submission in Applied Geography

Graziano, M., Zhengxuan, W., and Parr, K. *Mapping Blue Economy skills in Norway: from demographic to data needs*.

Zhengxuan, W., **Graziano, M.**, and Parr, K. *Postsecondary education and low carbon transition in Connecticut: mapping skills gaps in a changing landscape*.

Rode, J., **Graziano, M.** *Negative spill-overs from public and institutional opposition to onshore wind energy: the case of UK and Germany*.

Parr, K., **Graziano, M.**, Bhandhari, S. *Measuring and mapping ACES in Connecticut*.

Graziano, M., Kraemer, D., Bhandari, S., and Parr, K. *Childcare accessibility, affordability, typology (CAAT): A new measure for quantifying childcare desertification*.

Lecca, P., Figus, G., and **Graziano, M.** *Paths of dietary changes: the macroeconomic effects of 3 global diets*.

Graziano, M., Brescia, V., Fiaschetti, M., and Secinaro, S. *A bibliometric analysis of the concept of primary surplus in national accounting*.

Cerrai, D., **Graziano, M.**, Agnagnostou, M., Pena Mendez, M., Carstensen, F.V., Gunther, P., Nikoloupoulos, E., Francois, B. *Optimizing renewable transitions in a changing climate*.

Graziano, M., Galalher, A., Bertana, A., and Axon, S. *Sectoral changes in the U.S. energy transitions*. Abstract accepted by Applied Geography special issue on Geographies of the Energy Transition and Dynamics of Uneven Development.

REPORTS AND OTHER PUBLICATIONS (INCLUDING WORKING PAPERS)

Graziano, M., Parr, K., Gunther, P., and Carstensen, F. (2023) *The economic impact of a new MLS Next Pro-to-MLS team in Bridgeport, Connecticut*. Prepared for Swanson Labs.

Graziano, M., Connelly, C., McDonnell, A., Rollins, K., and Carstensen, F. (2023) *Wine Sales in Grocery Stores: Preliminary Impacts Based on Extant Literature*. Prepared for the Connecticut Food Association.

Hoicka, C., **Graziano, M.**, Zhao, Y. (2022). *Paths of Change: Approaches to Typify Renewable Energy Clusters and their Emergence*. Prepared for the Smart Prosperity Institute.

Graziano, M., Gallaher, A. (2021). *A Dashboard for governing the Childcare Federal Bonus in Connecticut*. Available at <https://connecticut.maps.arcgis.com/apps/MapSeries/index.html?appid=73806b03d33d43a88d985c47a35069e9>

Graziano, M., Gunther, P. (2021). *Adoption of Plug-in vehicles in Connecticut: drivers and implications for the grid and the region's economy*. CCEA – University of Connecticut. Prepared for Eversource Energy.

Carstensen, F.V., Gunther, P., and **Graziano, M.** (2018). *Creating Value through Improved Resilience: Approximating Outage Cost Impacts from Electrical Outages and Avoidance Benefits from Trimming in Connecticut Counties*. CCEA – University of Connecticut. Prepared for Eversource Energy.

Ehrlich, G., **Graziano, M.**, McWilliams, M., Liesch, M. (2017). *The Socioeconomic Impacts of the Great Lakes Restoration Initiative – Phase I Report*. Prepared for the Great Lakes Commission and the C.S. Mott Foundation.

Alexander, K.A., **Graziano, M.** (2017) Marine Spatial Planning: Scale Mismatches in a complex (regional) seascape. *Regions 307*. [Official magazine of the Regional Studies Association, by invitation only]

Graziano, M., Lema, E., Gunther, P., and Ross, M. (2017). *Analysing the productivity of the Great Lakes Region: evidences from state-level and cluster structures*. Prepared for the Conference of Great Lakes Premiers and Governors.

Graziano, M., Gunther, P., and Lema, E. (2017) *The economic impacts of crude oil transportation across the Great Lakes-St. Lawrence Seaway Region*. Prepared for the Great Lakes Commission. <http://www.glc.org/wp-content/uploads/Oil-Transp-Economics-Graziano-May2017-FinalReport.pdf>

Carstensen, G., Gunther, P., and **Graziano, M.** (2017). *The economic and social impacts of improved resiliency in the power grid: a study of Connecticut's resilience program under the management of Eversource*. Prepared for Eversource Center and the State of Connecticut.

Carstensen, G., Gunther, P., and **Graziano, M.** (2016). *The economic impacts of expanding the casino industry outside of tribal lands in Connecticut*. Prepared for MGM Resorts International.

Graziano, M., and Waite, W.E. (2013). *Rooftop PV Adoption Patterns 2004-2012: Hotspots and Density Analysis*. Prepared for the DOE SunShot Initiative Rooftop Solar Challenge Sun Rise New England – Open for Business team. Analysis Report. http://ceea.uconn.edu/studies/SpatialStatisticsAnalysis-Hotspots_20130728release.pdf

Waite, W.E., **Graziano, M.**, (2013). *Mapping Natural Gas Access and Consumption in Connecticut, 2005-2012*. Rocky Hill (CT), USA: Connecticut Energy Financial Investment Authority.

Gunther, P.E., Carstensen, F.V., Kalinowski, J., and **Graziano, M.** (2013). *The natural gas transition in Connecticut: comparing the economic benefits of high-efficiency heating oil furnaces and natural gas adoption*. Storrs (CT), USA: Connecticut Center for Economic Analysis (CCEA).

Waite, W.E., **Graziano, M.**, Sweet, J. (2013). *The market potential of lower-dam hydrokinetic technologies in the U.S.* Chicago (IL), USA: Boeing.

Waite, W.E., **Graziano, M.**, Sweet, J. (2012). *Hydrokinetic market potential in the UK, Brazil, China and India*. Chicago (IL), USA: Boeing.

Parr, K.E., Waite, W.E., **Graziano, M.** and Tassan, J. (2011). *The Economic Impact of the Redevelopment of the Hartford Civic Center*. Storrs (CT), USA: Connecticut Center for Economic Analysis (CCEA). <http://ceea.uconn.edu/studies/2011economicimpactstudy-final.pdf>

Waite, W.E., Carstensen, F.V., **Graziano, M.** and Parr, K. (2011). *Assessing the Economic Impact of the AOK Family Child Care Licensing Program*. Storrs (CT), USA: Connecticut Center for Economic Analysis (CCEA). http://ceea.uconn.edu/studies/CCEA_AOK-EconImpact_2011jul.pdf

Gunther, P.E., Parr, K., **Graziano, M.** and Carstensen, F.V. (2011). *The Economic Impact of State Parks, Forests and Natural Resources under the Management of Department of Environmental Protection*. Hartford (CT), USA: Connecticut Department of Energy and Environmental Protection. <http://ceea.uconn.edu/studies/2011economicimpactstudy-final.pdf>

CONFERENCE ACTIVITY (Including 'Posters' and 'Conference Presentations', future dates indicate 'accepted' status)

Graziano, M., and Bertana, A. *Breaking green: national and regional approaches to enabling the green (industrial) transition in the EU/EEA in a transformed global landscape.* Italian Regional Science Association 2024 Annual Meeting, Turin, Italy, September 4-7, 2024. [Conference Presentation].

Graziano, M., and Cerrai, D. *Modelling transitions: transdisciplinary approaches for modelling the economy in a changing climate.* European Regional Science Association 2024 Annual Meeting, Angra do Heroísmo, Spain, August 27-30, 2024. [Conference Presentation].

Graziano, M., Michieka, N., Musso, M., and Fouquet, R. *Energy Transitions of Declining Energy Industries: The Effect of Renewable Portfolio Standards on the U.S. Coal Industry.* Regional Studies association Winter Conference, London, UK, December 2-4, 2024. [Conference Presentation].

Graziano, M., and Fiaschetti, M. *BlueShed: the impact that Blue Economy uses of the marine space have on housing prices.* European Regional Science Association 2023 Annual Meeting, Alicante, Spain, August 28- 2 September, 2023. [Conference Presentation].

Graziano, M. and Gallaher, A. *Walking the Walk: An Analysis of the Drivers, Barriers, and Directions of the Connecticut EV market, 2012-2021.* RSA Annual Conference 2023, Ljubljana, Slovenia, June 14-17, 2023. [Conference Presentation].

Graziano, M. and Hoicka, C. *Comparing and combining regional and sustainability transitions approaches to analyse the emergence of clusters of renewable and low-carbon innovations.* GeoInno 2022, Milan, Italy, July 4-8, 2022. [Conference Presentation].

Michieka, N., **Graziano, M.,** Fouquet, R., Musso, M. *Energy Transitions and Labor Market Patterns in the U.S. Coal Industry.* 2022 WRSA Meeting, Scottsdale (AZ), USA, January 14-17, 2022. [Conference Presentation].

Axon, S., Bertana, A., **Graziano, M.,** Cross, E., Axon, K., Wakefield, A., Smith, A. and Rourke, M. *Evaluating the value and content of the Blue New Deal.* New England–St Lawrence Valley Geographical Society, Salem State University, Salem, (MA), USA, November 13-14, 2021. [Conference Presentation].

Graziano, M., Gallaher, A., Fiaschetti, M. *Spreading resilience: A spatial analysis of the benefits of hardening techniques for a troubled power grid.* Regional Science World Congress, Virtual, May 26, 2021. [Conference Presentation].

Graziano, M., Gallaher, A., Gunther, P., Carstensen, F.V., and Becker, B. *The wider economic benefits of power grids resilience: a combined spatial-quasi CGE approach.* North American Regional Science Council Annual Meeting 2020. Virtual, November 04-06, 2020. [Conference Presentation].

Graziano, M., Fiaschetti, M., and Heumann, B. W., *A data-driven algorithm to re-define the Rural-Urban dichotomy in the U.S.: Affinity Propagation as a mixed-data/mixed-method tool.* North American Regional Science Council Annual Meeting 2020. Virtual, November 04-06, 2020. [Conference Presentation].

Graziano, M., Gallaher, A. *The wider economic benefits of managing power grids through vegetation management: evidences from the U.S.* USAEE Annual Meeting. Denver (CO), USA, November 05-08, 2019. [Conference Presentation]

Graziano, M., Liesch, M., Lema, E. *Blue Economy clusters in the U.S. Great Lakes basin.* Great Lakes Environmental Remediation and Redevelopment Conference. Lansing - MI, October 16-18, 2019. [Conference Presentation]

Graziano, M., Scandurra, R., Hermannsson, K., *Will the regional concentration of tertiary education persist?* NARSC Annual Meeting 2019. Pittsburgh – PA, November 13-16, 2019. [Conference Presentation]

Rode, J., **Graziano, M.** *Opposition to onshore wind power – A study of spill-over effects from local failed projects in Germany and the UK.* EAERE 2019. Manchester, U.K., June 28, 2019. [Conference Presentation]

Graziano, M., Liesch, M., Lema, E. *Pathways for Resilience in Four Great Lakes Legacy Cities.* NARSC Annual Meeting 2019. Pittsburgh – PA, November 13-16, 2019. [Conference Presentation]

Scandurra, R., Hermannsson, K., **Graziano, M.,** Gross, J. *Typology of tertiary education in Europe: a data-driven algorithm approach to explain laggards and leaders.* RSA North America Conference 2019. Montreal, Canada, September 25-27, 2019. [Conference presentation].

Rode, J., **Graziano, M.** *Opposition to onshore wind power – Lessons for the MidWest from Germany and the UK.* UM-MSU-WMU Energy & Environmental Economics Day 2019., Lansing –MI, USA, August 23, 2019. [Conference Presentation]

Gallaher, A., **Graziano, M.** *Spatial statistical analysis of grid optimization in Connecticut, quantifying the relationship between tree trimming and power outages.* Energy and Society in Transition: 2nd International Conference on Energy Research and Social Science, Tempe – AZ, USA May 28-31, 2019 [Conference presentation].

Gallaher, A., **Graziano, M.** *The effects of tree-trimming on power grid resilience: evidences from Connecticut.* AAG Annual Meeting 2019, Washington D.C., USA, April 4-7, 2019. [Conference presentation].

Graziano, M., Liesch, M., Alexander, K.A., Lema, E., and Torres, J.A. *Rural Coastal Transitions: a benchmark analysis of Blue Economy clusters in the U.S. Great Lakes basin.* NARSC 2018 Annual Conference, San Antonio- TX, USA, November 07-10, 2018. [Conference presentation]

Graziano, M., Liesch, M., Alexander, K.A., Lema, E., and Torres, J.A. *Blue Economy & sustainable development in the Great Lakes basin.* Sustainability and Development Conference. Ann Arbor (MI), USA, November 09-11, 2018. [Conference presentation]

Rode, J., **Graziano, M.** *Opposition to On-shore Wind Power – A Study of Spill-over Effects from Local Failed Projects in Germany and the UK.* RSA 2018. Lugano, Switzerland, June 03-07, 2018. [Conference Presentation]

Graziano, M., Fiaschetti, M., Heumann, B.W.. *A New Measure for the New Rural Economy: Affinity Propagation as the Next Step to Identify Regional Trends.* RSA 2018, Lugano, Switzerland, June 03-07, 2018. [Conference Presentation]

Alexander, K.A., **Graziano, M.** *Scale mismatches: old friends, and new seascapes in a planning regime.* AAG 2018, New Orleans, LA, USA, April 10-14, 2018. [Conference Presentation]

Lema, E., Irajifar, L., **Graziano, M.** *Economic resilience in the Great Lakes Region a decade after the Great Recession: A comparative study of economic recovery pathways of eight cities in the region.* 57th ACSP Annual Conference, Denver, CO, October 2017. [Conference Presentation]

Graziano, M., Lecca, P., Musso, M. *Historic Paths and Future Expectations: Lessons from a Transdisciplinary Study of the UK Offshore Sector.* European Association for Energy Economics/International Association for Energy Economics Conference, Vienna (Austria), September 2017. [Conference Presentation/Paper]

Graziano, M., Fox, C., Alexander, K., Pita, C., Heymans, J.J., Crumlish, M., Hughes, A., Ghawani, J., Cannella, L. *Environmental and socio-political shocks to the seafood sector: what does this mean for resilience? Lessons from two UK case studies.* ICES Annual Conference, Tampa, FL, September 2017. [Poster]

O'Higgins, T., **Graziano, M.,** Alexander, A. *Mismatches in spatial scale of supply and demand in blue growth sectors. The case of Scottish Aquaculture and its consequences for local Welfare.* U.S. Society for Ecological Economics, St. Paul, MN, June 2017. [Conference Presentation]

O'Higgins, T., **Graziano, M.,** Alexander, A. *Mismatches in spatial scale of supply and demand in blue growth sectors. The case of Scottish Aquaculture and its consequences for local Welfare.* American Association of Geographers 2017 Meeting, Boston, MA, April 2017. [Conference Presentation]

Graziano, M., Fiaschetti, M., Atkinson-Palombo, C. *Spillover effects in the diffusion of PV systems in urban areas: a spatial approach.* Regional Studies Association Winter Conference, London, UK, December 2016. [Conference Presentation]

O'Higgins, T., **Graziano, M.,** Alexander, A. *Mismatches in spatial scale of supply and demand and their consequences for local Welfare in Scottish Aquaculture.* Nairobi Conference on Earth System Governance, Nairobi, Kenya, December 2016. [Conference Presentation/Paper]

Graziano, M., Billing, S-L., Kenter, J., Greenhill, L. *Diffused & inclusive community entrepreneurship paradigm.* North America Regional Science Association 2016 Conference, Minneapolis, MN, November 2016. [Conference Presentation]

Graziano, M., Fiaschetti, M., Atkinson-Palombo, C. *The Influence of Spatial Setting and Socioeconomic Profile of Urban Areas in the Diffusion of Residential PV Systems.* U.S. Association for Energy Economics 34th Conference, Tulsa, OK, October 2016. [Conference Presentation/Paper]

Rabinowitz, A., Castellari, E., **Graziano, M.,** *Economic drivers and consequences of large food retailers' location* (Invited paper session). Agricultural & Applied Economics Association 2016 Conference, Boston, MA, July-August 2016. [Conference Presentation]

Gunther, P., and **Graziano, M.,** *Impacts of Hybrids and Electric Vehicles in Connecticut: Retrospective and Prospective.* REMI Seminar, Amherst, MA, July 2015. [Conference Presentation]

Graziano, M. *The influence of Spatial Setting and Socioeconomic Profile of Urban Areas in the Diffusion of residential PV Systems.* Presented at the Association of American Geographers 2015 Annual Meeting, Chicago, IL, April 2015. [Conference Presentation]

Gunther, P., and **Graziano, M.,** *Impacts of Hybrids and Electric Vehicles in Connecticut: Retrospective and Prospective.* Presented at the Ottawa REMI Workshop, Ottawa, ON, January 2015. [Workshop Presentation]

Graziano, M., Greenhill, L., Billing, S., *What future for the energy-rich Scottish North? Changes in the economic landscape of the Highlands and Isles, and the rest of Scotland.* Presented at the Regional Science Association Winter Conference 2014, London, U.K., November 2014. [Conference Presentation]

Graziano, M., Gillingham, K. and Atkinson-Palombo, *Adoption of Diffused Renewable Energy Technologies: Patterns and Drivers of Residential PV Systems in Connecticut, 2004-2013*. Presented at the Association of American Geographers 2014 Annual Meeting, Tampa, FL, April 2014. [Conference Presentation]

Graziano, M., Castellari, E. and Waite, W.E., *Assessing the impact of managed green space in a highly forested state; An empirical analysis of Connecticut*. Presented at NESTVAL 2013, Clark University-Worcester, October, 2013. [Conference Presentation]

Gunther, P., **Graziano, M.** and Carstensen, F.V., *Driving Smart Growth: Electric Vehicles Adoption and Off-peak Electricity Rates*. Presented at the XXXI U.S. Association for Energy Economics Meeting, Austin, November 2012. [Conference Presentation/Paper]

Gunther, P. and **Graziano, M.**, *Connecting Solar with Battery storage and Electric Vehicles*. Presented at the REMI Annual Users' Conference, Washington D.C., October 2012. [Conference Presentation/Paper]

Graziano, M. and Vorotyntseva, N, *Location-Allocation Modeling Approach for Waste-Based Bioenergy*. Presented at the XXXI U.S. Association for Energy Economics Meeting, Austin, November 2012 [Poster].

Graziano, M., *Ecopoints and Retailing waste reduction: the E.U. experience and the advantages of Connecticut*. Presented at the Connecticut Conference on Natural Resources 2010 (CCNR 2010), March, 2010 [Poster].

Percivale, F., Bonadonna, A., and **Graziano, M.**, *L'utilizzo delle unità HDT per la produzione diretta di combustibili: l'H-Bio* ("The use of HDT production units for producing biofuels: the case of H-Bio"), National Commodities Experts Meeting, Turin, Italy, July 2008 [Poster].

SESSIONS CHAIRED & INVITATIONAL MEETINGS

What's the impact? Challenges of regional modeling in 2024, ERSA 2024 Annual Meeting, Angra do Heroismo, Portugal, August 27-31, 2024.

Disruptive mobility for smart cities: It's time to change!, EURAM 2023 – Transforming Business for Good, Dublin, Ireland, June 14-16, 2023.

Sustainable Regional Transitions: Development, Governance, & Drivers, AISRe Annual Meeting, Milan, Italy, September 4-7, 2022.

Renewable energy clusters and districts: patterns, strengths, differences in a world in transition, GeoInno 2022, Milan, Italy, January 26-28, 2022.

Spatial Dimension of Energy Transition Policies, Practices, and Technologies, NARSC 2020, Virtual, November 9-13, 2020.

NSF Sustainable Urban Systems Rural-Urban Linkages + Food & Innovation, Central Michigan University, Dearborn – MI, July 29-30, 2019.

Thought Leaders Workshop on the Great Lakes Blue Economy, Great Lakes Commission & The University of Michigan, Ann Arbor - MI, July 15, 2019.

Governance and Sustainable Citizenship in the Coastal Zone, RSA Research Network in Sustainability in the Coastal Zone, Skalanes, Iceland, September 13-15, 2018.

Mobility, Urban and Rural Development II and Energy Transition and Regional Development, RSA 2018, Lugano, Switzerland, June 3-6, 2018.

Coastal Restoration, Remediation and (Re)Development, AAG 2018, New Orleans, LA, USA, April 10-14, 2018.

The Economics of Urban and Rural Space, International Graduate Historical Studies Conference 2018, Mt. Pleasant, MI, April 6-7, 2018.

Scale mismatches in socioecological systems 2: Coastal and Marine Systems, AAG 2017, Boston, MA, April 5-9, 2017.

Peer-Effects and Renewable Energy Technologies: Models, Policies, and Case Studies, AAG 2015, Chicago, IL, April 21-25, 2015.

Approaches to model and accelerate the diffusion of renewable energy technologies, AAG 2014, Tampa, FL, April 8-12, 2014.

Sustainability and Planning, NESTVAL 2013, Clark University-Worcester, October 20, 2013.

REVIEWER ACTIVITY

Journal of Cleaner Production (2021 - present).

Nature Urban Sustainability (2022 – present).

Climate Policy (2022 – present).

Area Development and Policy (2021 – present).

U.K. Natural Environment Research Council (2020-present).

Energy Policy (2020-present).

Journal of Environmental Policy & Planning (2020-present)

Proceedings to the National Academy of Sciences (2020-present).

Nature Energy (2019-present).

Regional Studies (2019-present).

Papers in Regional Sciences (2019-present).

Energy Economics (2018-present).

The Energy Journal (2018-present).

The European Journal of Finance (2017-present).

International Journal of Marine Energy (2017-2020).

Energy Research and Social Science (2016-present).

Environmental Modelling & Software (2015-present).

Ecological Economics (2015-present).

Advances in Economics and Business (2014-2016).

WORKSHOPS CHAIRED & ORGANIZED

Sustainability Transitions in the Coastal Zone. RSA North America Meeting 2019. Montreal, Canada, September 25-27, 2019.

Shaping Blue Growth: Opportunities for social studies of marine energy to shape energy policy, The European Union SHAPE1 ENERGY Platform. Edinburgh, Scotland, February 12-13, 2018.

Seafood Production & Democracy, Scottish Association for Marine Studies (SAMS) and Marine Alliance for Science and Technology for Scotland, Oban, Scotland, August 24-28, 2015.

MASTS Research Workshop on Energy History & Economic Modelling, Fraser of Allander Institute at the University of Strathclyde, Glasgow, Scotland, August 29-31, 2015.

MEDIA OUTREACH FEATURES

Launch of a new MLS Next Pro Team in Connecticut, MLS, 01/2024.

<https://www.mlssoccer.com/news/mls-next-pro-announces-connecticut-united-as-newest-independent-team#:~:text=MLS%20NEXT%20Pro%20announced%20on,its%20inaugural%20season%20in%202022.>

Wine Sales in Grocery Stores Still up for debate, NBC Connecticut, 01/2023.

<https://www.nbcconnecticut.com/news/local/wine-sales-in-grocery-stores-still-up-for-debate/2967584/>

Routine Tree Trimming Does Help Reduce Power Outages, Study Finds, NBC Connecticut, 12/2021.

https://www.nbcconnecticut.com/news/local/routine-tree-trimming-does-help-reduce-power-outages-study-finds/2676354/?fbclid=IwAR11GS-tDB6sOxWhp-3A96kYUD6Y3l-qfkb_Pr7GJqO0XjyXa_jVQVKj2ZA

15 Proven Solar Lead Generation Tactics for Sustainable Sales, Userlike.com. 11/2021.

<https://www.userlike.com/>

Linking Land and Lakes, A WCMU-PBS Film, 10/2019. <https://www.pbs.org/video/linking-land-and-lakes-hdo22u/?fbclid=IwAR2SprDzdYKOffE4mkjatDclAYmGXIwXFg-SmTU0MMAVYrKXinWcPoCuPT0>

<https://www.pbs.org/video/linking-land-and-lakes-hdo22u/?fbclid=IwAR2SprDzdYKOffE4mkjatDclAYmGXIwXFg-SmTU0MMAVYrKXinWcPoCuPT0>

The Solar Network, Grid Philly Magazine, May 2019,

https://issuu.com/redflagmedia/docs/grid120_may2019/12

Shoring up shorelines pays off, October 10, 2018. URL: <https://www.cmich.edu/news/article/pages/cmuh-on-great-lakes-study-team.aspx>

AAG Career Profiles, October 2017. URL:

http://www.aag.org/cs/jobs_and_careers/profiles_of_geography_professionals/october_2017_profiles

CMU beefs up Great Lakes research team, September 19, 2017. URL:

<http://www.themorningsun.com/general-news/20170924/cmu-beefs-up-great-lakes-research-team>

Great Lakes road trip makes the complex simple, in the Great Lakes Echo, October 21, 2016. URL:

<http://greatlakesecho.org/2016/10/21/great-lakes-road-trip-makes-the-complex-simple/>

Why do people put solar on their roofs? Because other people put solar on their roofs, in The Washington Post Wonkblog, October 23, 2014. URL:

www.washingtonpost.com/blogs/wonkblog/wp/2014/10/23/study-solar-energy-isnt-just-for-rich-liberals-any-more/

Solar power is contagious: Installing panels often means your neighbors will too, in Vox, November 10, 2014. URL: <http://www.vox.com/2014/10/24/7059995/solar-power-is-contagious-neighbor-effects-panels-installation>

UConn Finds Seaweed Could Be a Cash Crop, in Hartford Courant, August 22, 2012. URL: http://articles.courant.com/2012-08-22/business/hc-uconn-seaweed-cash-crop-20120822_1_charles-yarish-water-quality-uconn-s-stamford

GRANT ACTIVITY

Ongoing– Grants & non-Academic Research

| Project Name | Funding Agency | Amount | Role | Dates |
|---|--|-------------|---------------------|-----------------|
| Renewable Energy Transformations for Regional and Local Economic Development – JusticeFirst! | NRC, NFRF, NSF | \$6,558,000 | Co-PI | 06/2024-07/2028 |
| Center for Weather Innovation, Smart Energy, and Resilience (WISER) | NSF IUCRC | \$7,000,000 | Senior collaborator | 09/2023-10/2027 |
| SUSTAIN-CT: Skill Analysis of the Power Sector in Connecticut | University of Connecticut Eversource Energy Center | \$149,999 | Co-PI | 10/2023-10/2025 |
| SPARK: Strengthening Power Grids for Adaptation and Resilience through Energy Justice and Governance | UConn Eversource Center | \$73,000 | Co-PI | 09/2023-12/2024 |
| Port City Territories in Action: A collaborative Laboratory for Inclusive Energy Transition (PACT) | European Union COST Action 23138 | \$550,000 | Co-PI | 10/2024-10-2028 |
| Rethinking the Blue Economy: Socio-Ecological Impacts and Opportunities (RethinkBlue) | European Union COST Action 22122 | \$550,000 | Co-PI | 10/2023-10-2027 |
| Addressing decarbonization with a stormy demand | Eversource Energy Center | \$60,000 | Co-PI | 10/2021-12/2024 |
| Optimizing the allocation of federal resources for early childcare and parents' services in Connecticut | Connecticut Office of Early Education | \$3,500,000 | Senior personnel | 01/2021-12/2025 |

Under Review (UR) – Academic Grants

| Project Name | Funding Agency | Amount | Role | Date of submission (tentative or actual) |
|---|---|-------------|-------|--|
| MSP4CoastalLives | Sustainable Blue Economy Partnership (SBPE) | \$1,500,000 | Co-PI | 04/2024 |
| GREENGLOW: Governance, Growth, and DEcarbonization for the NORwegian Green Transitions Research | NRC | \$1,188,000 | PI | 03/2024 |

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|--|----------|-------------|--------|---------|
| HealtyLifeStyles | Erasmus+ | \$420,000 | Coo-PI | 03/2024 |
| Securing Norwegian agriculture against a geopolitical food crisis: Removing Vulnerabilities and DevelOping an emergency respOnse strategy (VUDDOO) | NRC | \$1,196,000 | Co-PI | 03/2024 |

Completed – Academic Grants

| Project Name | Funding Agency | Amount | Role | Date completed |
|--|---|-----------|--------------|-----------------|
| CoLaboratory of Environmental Advocacy, Net-zEro-Carbon And Renewable TechNologies (CLEAN EARTH) | University of Connecticut OVPR | \$100,000 | Collaborator | 03/2022-09/2024 |
| Economics of Resilience | Eversource Center | \$250,000 | PI | 05/2020-01/2024 |
| Do disruptive renewable energy innovations in local contexts accelerate a just and democratic energy transition? | Social Sciences and Humanities Research Council of Canada | \$195,000 | Collaborator | 04/2021-05/2024 |
| Comparing and combining regional and sustainability transitions approaches to analyze the emergence of clusters of renewable and low-carbon innovations. | Smart Prosperity Institute | \$10,000 | Co-PI | 03/2022 |
| National Industrial University Center for Power Grid Studies – Stage III | NSF IURC Program | \$50,000 | Co-PI | 10/2023 |
| Expanding Electric Vehicle Adoption & Electric Grid Interface | Eversource Center at the University of Connecticut | \$70,000 | PI | 08/2021 |
| Data Science Minor/Major | CMU President’s Vision Initiative | \$400,000 | Co-PI | 08/2022 |
| Fulbright Residence-in-Scholar | Fulbright Commission | \$63,000 | PI | 05/2021 |
| Zillow Research Data | Zillow | \$40,000 | PI | 01/2021 |
| BlueShedWorks: preparatory grant meeting | NSF-SFI R&D Planning Grant | \$6,000 | Co-PI | 02/2019 |
| BlueShedWorks | Central Michigan University FRCE Type B Grant | \$7,000 | PI | 02/2019 |
| <i>The Benefit of Investing in Resiliency: A Dynamic Economic Analysis</i> | Eversource Center at the University of Connecticut | \$30,000 | Co-PI | 06/2019 |
| SHAPE 1 Energy Platform | The European Commission | \$10,000 | Co-PI | 05/2019 |
| Faculty Research & Creative Endeavors – Travel Grant | Central Michigan University | \$1,000 | PI | 07/2019 |
| Faculty Display and Research Grant – <i>A joint Puppetry and Music Collaboration</i> | Central Michigan University | \$3,500 | Performer | 04/2019 |
| <i>Great Lakes Economy and the Environment Program -Phase I</i> | C.S. Mott Foundation | \$294,257 | Co-PI | 11/2018 |
| <i>The labor productivity of the Great Lakes region: a dynamic perspective</i> | Conference of Great Lakes Governors and Premieres | \$2,500 | PI | 10/2018 |
| <i>The Economics of Oil Transportation in the Great Lakes Region: A Regional Economic Database</i> | Great Lakes Commission | \$10,000 | PI | 12/2018 |
| <i>Historia docet: external competition in the marine energy sector and the effects on the Scottish economy</i> | Marine Alliance for Science and Technology Scotland (MASTS) | \$1,450 | PI | 11/2016 |
| Seafood & Democracy: Understanding the influence of autocratic regimes on resource-based firms. | Marine Alliance for Science and Technology for Scotland (MASTS) & Scottish Association for Marine | \$14,000 | PI | 01/2016 |

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|---|---|-------------|-------------------|---------|
| Marine Energy Research Innovation Accelerator | Science (SAMS) Learned Society Bursaries The European Union FP7 | \$5,500,000 | Senior Researcher | 03/2016 |
| Staff Conference Support Fund | University of the Highlands and the Islands | \$ 850 | PI | 04/2015 |
| Travel and Conference Grants | Marine Alliance for science and Technology Scotland. | \$ 1,000 | PI | 04/2015 |
| Evaluating the Effect of Food Access on Housing Prices in Connecticut | Center for Real Estate and Urban Economic Studies (CREUS) – University of Connecticut | \$3,000 | PI | 01/2019 |
| Sunshot-Sunrise New England Open for Business | U.S. Department of Energy | \$678,000 | Senior Personnel | 08/2014 |
| Bio-Energy: Creating Sustainable Energy Resources to Meet the Needs of Connecticut and the Region | U.S. Department of Energy/U.S. Environmental Protection Agency/U.S. Department of Agriculture | \$1,500,000 | Senior Personnel | 08/2014 |
| The Environmental and Economic Consequences of Seaweed-based Nitrogen Extraction in the Long Island Sound | UConn School of Business | \$250,000 | Senior Personnel | 09/2012 |
| The Impact of Electric Vehicles on Connecticut's Power Lines: Flat-rate vs. Peak-rate | UConn School of Engineering | \$10,000 | Senior Personnel | 12/2012 |

Completed – Non-Academic Funding Sources

| Project Name | Funder | Amount | Role | Date completed |
|--|---|---------------|------------------|-----------------------|
| Assessing the economic impacts of a Major League Soccer team in the U.S. New England region. | Reserved | \$190,000 | PI | 06/2024 |
| Socioeconomic impacts of selling wine and mead in grocery stores in Connecticut | Connecticut Food Association | \$42,950 | CO-PI | 02/2023 |
| Assessing the value of developing casinos on non-tribal land in New England | MGM Resort International | \$5,000 | Co-PI | 08/2016 |
| Mapping Solar Adoption and Inequality in Connecticut. | Connecticut Green Bank | \$25,000 | Co-PI | 05/2015 |
| Assessing the Lower-head dam hydrokinetic potential of the Continental U.S. | Boeing | \$18,000 | Co-PI | 05/2014 |
| Market analysis and Energy Assessment for Hydrokinetic Technologies in China, Brazil, India and the U.K. | Boeing | \$30,000 | Co-PI | 10/2013 |
| Assessing the Economic Impact of the DEEP-managed Properties | Connecticut Department of Energy and Environmental Protection | \$50,000 | Senior Personnel | 10/2011 |
| Assessing the Economic Impact of AOK Pre-School Licensing Program | Aetna | \$ 15,000 | Senior Personnel | 09/2010 |

Grant Proposals Not Funded

| Project Name | Funding Agency | Amount | Role | Date of rejection |
|---|---|---------------|------------------|--------------------------|
| Nordic experience on fostering citizen engagement in the green energy transition | NordForsk (Grade: 5/7) | \$655,000 | Co-PI | 06/2024 |
| Rethinking the production and distribution of renewable energy in rural regions: Resilient & equitable rural energy communities | Research Council of Norway | \$1,170,000 | Co-PI | 09/2023 |
| DOE eEXCHANGE | U.S. Department of Energy | \$2,500,000 | Co-PI | 06/2022 |
| NSF PIRE Program 2022 | National Science Foundation | \$1,500,000 | Co-PI | 06/2022 |
| Great Lakes Blue Hub | NSF CoPe Program | \$18,000,000 | Co-PI | 09/2021 |
| Social resilience and energy transition | Sloan Foundation | \$494,000 | Co-PI | 04/2021 |
| A Water Sustainability Cooperative Minor | President's Vision Initiative | \$300,000 | Co-PI | 02/2020 |
| Data Science Center at Central Michigan University (CadES). | Central Michigan University & State of Michigan | \$397,000 | Co-PI | 02/2020 |
| EcoBlues – Developing & comparing definitions of Blue Growth | NSF SBE Economics/ERSC Jes1 | \$1,400,000 | Co-PI | 10/2019 |
| Predicting Michigan Financial Distress | State of Michigan | \$65,000 | Co-PI | 04/2019 |
| A Geospatially Enhanced Community Health Needs Assessment (GE-CHNA) | National Institute of Health R15 Program | \$300,000 | Co-PI | 05/2019 |
| Assessing the effects of grazing policy changes on low-valley dam systems and upstream communities | NSF INFEWS China Program (scored 'fundable', not funded over Chinese national security concerns). | \$500,000 | Co-PI | 09/2018 |
| RSA Membership Grant | Regional Studies Association | \$16,000 | PI | 07/2018 |
| RSA Policy Expo Grant | Regional Studies Association | \$15,000 | Co-PI | 09/2018 |
| AHRQ Nursing Home Quality | National Institute of Health | \$100,000 | Co-PI | 02/2018 |
| Crude Oil Transportation Workshop (pre-approval stage) | NOAA Cooperative Institute | \$20,000 | Co-PI | 11/2017 |
| Enhancing Regional Blue Growth (EARBUG): community-driven scenario building for the coastal sector in Michigan | Michigan Sea Grant | \$150,000 | PI | 02/2017 |
| Beyond Megalopolis: Unlocking the Scottish Regional Energy Potential through Localized Use of Energy | Regional Studies Association International – Early Career Research Scheme (past stage 1) | \$16,000 | PI | 01/2016 |
| Transdisciplinary approaches for bottom-up economic development: a combination of spatial CGE and participatory community visions on marine energy. | Carnegie Foundation (graded >7/10) | \$64,000 | Co-PI | 03/2015 |
| SEP – Waste to Energy: Kinetic improvement and clean-up of gases for highly efficient gasifier and fuel cell generation | National Science Foundation, SEP Program | \$4,000,000 | Senior Personnel | 08/2012 |

GUEST LECTURES & PUBLIC LECTURES

Six Application of Environmental Management. School of Management, University of Turin (Fall, 2024, six lectures).

Modelling transitions: transdisciplinary approaches for modelling the economy in a changing climate. School of Business, University of Stavanger (Spring 2024).

Blue Bubbles: defining, understanding, and visualizing the many sizes and shapes of the Blue Economy. Department of Geography, University of Connecticut (Spring 2023).

How to cope with an energy crisis? An American Perspective. School of Management, University of Turin (Spring 2022).

Innovation and the Blue Economy, Blue Economy Bootcamp, Department of Geography, Marine & Environmental Sciences, Southern Connecticut State University (Spring 2021).

To be a Geographer – An AAG Initiative. Cascade Middle School, Cascade (Fall 2020).

Climate Change: impacts and solutions. An inter-active view. Southern Connecticut State University Seminar Series. New Haven, USA (Fall 2019).

Regional dynamics in Higher Education: lessons from Europe. Central Michigan University Economics Brown Bag Series. Mt. Pleasant, USA (Fall 2019).

Blue Economy and the Great Lakes. Invited speaker at Michigan States University Regional and Urban Planning Seminar Series, East Lansing, USA (Spring 2019).

Training the next generation of scientists. Keynote Speaker during the *Great Lakes Science-Policy Symposium*, Central Michigan University's Institute for Great Lakes Research, Mt. Pleasant, USA (Spring 2018).

The Economics of the Great Lakes. Keynote Speaker during the *Great Lakes Science-Policy Symposium*, Central Michigan University's Institute for Great Lakes Research, Mt. Pleasant, USA (Spring 2017).

The MERIKA Project: Linking Marine Renewable Energy, Ecological and Economic Development in the Northern Atlantic. Keynote Speaker Series, Economics and Business Graduates Association of Iceland (Félag viðskiptafræðinga og hagfæðinga), Reykjavik, Iceland (Spring 2015).

Modelling Spatial and Network Spill-overs in the Diffusion of Energy Technologies: Bridging Spatial and non-Spatial Econometric Techniques. Department of Economics Seminar Series, University of Trento. (Fall 2014).

Europe: Past, Present and Future. A European Perspective of the World. Department of Geography, University of Connecticut. (Fall 2013).

Economics and Business Principles for Energy Policies and Energy Technologies for the course Sustainable Energy in the 21st Century, offered by the Department of Political Sciences and the Department of Chemical Engineering, University of Connecticut. (Spring 2013).

The Diffusion of Electric Vehicles in Connecticut: Implications of a Flat-Rate for Electricity. Department of Agricultural and Resources Economics Seminar Series, University of Connecticut. (Spring 2013).

TEACHING RESPONSIBILITIES ('Lecturer' means principal instructor)

| | |
|--|-------------------------------|
| <i>Advisor, MBA Thesis, SCSU</i> | <i>Fall 2021- Spring 2022</i> |
| <i>Advisor, Honors Thesis, SCSU</i> | <i>Fall 2021- Fall 2022</i> |
| <i>Lecturer, International Business, SCSU</i> | <i>Fall 2020 - present</i> |
| <i>Lecturer, Business & Society, SCSU</i> | <i>Fall 2020 – present</i> |
| <i>Lecturer, Innovations & the Blue Economy, SCSU</i> | <i>Fall 2022</i> |
| <i>Lecturer, The Blue Economy, SCSU</i> | <i>Fall 2020</i> |
| <i>Lecturer, Cultures of the World (Writing Intensive), CMU</i> | <i>Fall 2017 – Fall 2019</i> |
| <i>Lecturer, Economic Geography, CMU</i> | <i>Spring 2017-2020</i> |
| <i>Instructor, Job Market Candidates Seminar (Ph.D.), SAMS.</i> | <i>Fall 2015</i> |
| <i>Lecturer and co-organizer, Industrial Doctoral Centre for Offshore Renewable Energy – Social and Economics Modules, SAMS.</i> | <i>Summer 2014 and 2015</i> |
| <i>Teaching Assistant, Economic Geography, University of Connecticut.</i> | <i>Fall 2013, Spring 2014</i> |
| <i>Teaching Assistant, World Regional Geography, University of Connecticut.</i> | <i>Fall 2013</i> |
| <i>Teaching Assistant, The City in the Western Tradition, University of Connecticut.</i> | <i>Fall 2013</i> |

GRADUATE STUDENTS SUPERVISED (Current post)

| | |
|--|----------------------|
| Sabina Bhandhari, Ph.D. in Geography, University of Connecticut (external advisor) | <i>2022 -present</i> |
| Adam Gallaher, Ph.D. in Geography, University of Connecticut (external advisor). Currently at Cornell University (Postdoctoral Researcher) | <i>2020- 2023</i> |
| Nicholas Bogen, <i>Spatial Analysis of United States Agricultural Loss Due to Hail: 1989 – 2017</i> , M.S. GIS, Central Michigan University | <i>2018-2020</i> |
| Florian Brillart, <i>The Impact of Brexit on the Marine Renewable Energy Industry in the UK.</i> , M. of Resource Management, University of Akureyri, University Centre of the Westfjords (External Reader) | <i>2019</i> |
| Michaela Garland, <i>Blue Economy and Sustainable Regional Transitions</i> . M. Env. Ed., Southern Connecticut State University. | <i>2018-2019</i> |
| Adam Gallaher, <i>'Tree trimming & power outages: a spatial analysis of Connecticut grid, 2009-2015.</i> M.S.GIS, Central Michigan University (advisor). | <i>2017-2018</i> |
| Kevin James Tracy, <i>'What makes a place, a place?'</i> M.S.GIS, Central Michigan University (co-advisor). | <i>2016</i> |

Elizavet Spanou, '*Productive Seas and Public Attitudes: Comparing Revealed and Stated Preferences*',
M.Sc. in Ecosystem-based Management, University of St. Andrews. 2015

UNIVERSITY, PUBLIC AND PROFESSIONAL SERVICE

Professional Service

Member, Marine Spatial Planning Research Network Steering Committee on Culture (2020-present).

Mentor, U.S. Association for Energy Economics (2019-present).

Faculty Mentor, AAG GeoCareers Mentor (2017-present).

PAST SERVICE

Scientific Advisor EKLIPSE, EmpowerUS (2023-2024).

Member, International Business Committee, Southern Connecticut State University (2022-present).

Member, Curriculum and Tracks Committee, Southern Connecticut State University (2020-present).

Member, School of Business Ad hoc Faculty Qualifications Committee (2022-present).

Member, School of Business Assurance of Learning Ad hoc Committee (2022-present).

Member, School of Business Research Committee, Southern Connecticut State University (2020-present).

Member, School of Business Curricular Committee (2021-present).

School of Business Representative, University Grants Committee, Southern Connecticut State University (2022-2024).

Chair, Global Education Advisory Committee, Southern Connecticut State University (2021-2023).

Faculty Member, Blue Economy & Sustainability Initiative, Southern Connecticut State University (2021-present).

Faculty Member, Business Discipline Degree Programs Task Force, Southern Connecticut State University (2022-present).

Mentor, Eversource Energy Center URM Internship Program, University of Connecticut (2021-present).

Member, NYC Conference Arrangements Committee, American Association of Geographers (2021-2022).

Member, Organizing Committee for a Graduate-Level Seminar Series, American Association of Geographers (2021-2022).

Member, Faculty Research and Creative Endeavors Fund, Central Michigan University (2019-2020).

Member of the Council, Global Studies Program, Central Michigan University (2017-2020).

Member, College of Graduate Studies, Central Michigan University (2016-2020).

Member, Grievance and Grades Committees, Central Michigan University (2019-2020).

Member, Ph.D. in Earth and Ecosystem Science, Central Michigan University (2016-2020).

Member, GES Curriculum Committee, Central Michigan University Studies (2018-2020).

Coordinator, GES Data Science Minor, Central Michigan University (2020-2020).

Academic Advisor, Geography Major/Minor, Environmental Studies Major/Minor, Central Michigan University (2016-2020).

Affiliated Faculty, Cultural Resources Management Program, Central Michigan University (2017-2020).

Coordinator, GES Curriculum Committee, Central Michigan University Studies (2018-2019).

Representative, College Curriculum Committee, Central Michigan University (2018-2019).

Organizer, Department of Geography Speaker Series, Central Michigan University (2016-2018).

Co-developer, special topic course for Health Profession Graduate Students (2017).

Advisor, Conference of Great Lakes Premiers and Governors Economic Task Force (2017-2018).

Member, University of the Highlands and the Islands Community Energy Centre Development Committee (2015-2016).

Graduate Students Representative, Landscape and Planning Committee, University of Connecticut (2011-2012).

CURRENT PROFESSIONAL AFFILIATIONS

- COST Action RethinkBlue, *Member* (2023-present);
- Eversource Energy Center at the University of Connecticut, *Collaborator* (2016-present);
- Nordic ERSA (2023-Present);
- Regional Studies Association, *Fellow* (2014-Present, *Fellow since* 2019);
- Sustainability Transitions Research Network (2013-Present);
- American Association of Geographers, *Career Mentor & Member* (2011-Present);
- International Association for Energy Economics (2011-Present);
- U.S. Association for Energy Economics (2011-Present).

PREVIOUS EMPLOYMENT

Department of Management & International Business, Southern Connecticut State University, New Haven (CT), USA.

Associate Professor (tenured in May 2023)

August 2020-August 2023

Department of Geography and Institute for Great Lakes Research, Central Michigan University, Mt. Pleasant (MI), USA.

Assistant Professor (tenure-track)

July 2016-August 2020

Department of Ecology, Scottish Association for Marine Science, Oban, UK.

Postdoctoral Research Associate in Economic Geography

May 2014-February 2016

Connecticut Center for Economic Analysis (CCEA), University of Connecticut, Storrs, CT, USA.

Lead Analyst

May 2010-May 2014

SEMNIA Ltd., Huntington, AL, USA

March 2012-September 2016

Co-founder and Chair of the Board.

Department of Natural Resources, University of Connecticut, Storrs, CT, USA.

Research Assistant

August 2009 – May 2010

NITAROM S.A. Iasi, Romania

Logistics Consultant

January 2007 – January 2008

Italian Chamber of Commerce (ICCI) in Queensland, Brisbane, Australia

Trade Manager - intern

June 2006 – September 2006