

MARCELLO GRAZIANO, Ph.D., FeRSA

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CURRENT POSITIONS

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

Associate Professor (tenure-track)

August 2020-present

I am a member of the Blue Economy Cluster at SCSU. Current research includes: analysis of negative spillover informational effects in energy technology adoption, Blue Economy and sustainable transition processes, Higher Education as a regional development tool, and new patterns of regional typification. Research and mentoring roles include serving as senior researcher for a multi-agency partnership whose aim is to optimize the allocation of childcare resources in Connecticut.

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

Associate Director (previously Research Fellow)

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

PUBLICATIONS AND CONFERENCE ACTIVITY

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

Graziano, M., Fouquet, R., Michieka, N., and Musso, M. *Energy Transitions of declining energy industries: the effect of Renewable Portfolio Standards on the U.S. coal industry.* The Energy Journal.

Graziano, M., Gallaher, A. *Drivers and barriers to electrify mobility: perspectives from Connecticut, USA.* Journal of Cleaner Production.

Gallaher, A., **Graziano, M.,** Bertana, A., and Axon, S. *Breaking wind: An exploratory research agenda for offshore wind development in the United States.* Environmental Research Letters.

Graziano, M., Mayer, K., Liu, P., and Zhang, W. *Effects of ecological shocks to residential asset prices: evidences from Michigan.* Journal of Great Lakes Research.

Hicka, C., **Graziano, M.** *The emergence of renewable energy clusters: a proposed framework for typification.* Journal of Cleaner Production (R&R on 03/2023).

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

PEER REVIEWED – PUBLISHED

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>.

- Hermannson, 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).

EDITORIAL WORK

Biancone, P., and **Graziano, M.** (editors) (2023). *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

Hoicka, C., **Graziano, M.** *Paths of Change: Three Approaches to Typify Renewable Energy Clusters*.

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.**, McMillan, S. *A cost model for Connecticut childcare*.

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*.

Graziano, M., and Lecca, P. *Aging and rebound effect: evidences form a CGE model*.

Graziano, M., Castellari, E. and Fiaschetti, M. *Evaluating the Effect of Food Access on Housing Prices in Connecticut*.

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

REPORTS AND OTHER PUBLICATIONS (INCLUDING WORKING PAPERS)

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.** 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 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-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

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

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

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-present).

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

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=IwAR2SprDzdYKOffE4mkjatDclAYmGXlWxFg-SmTU0MMAVYrKXinWcPoCuPT0>

<https://www.pbs.org/video/linking-land-and-lakes-hdo22u/?fbclid=IwAR2SprDzdYKOffE4mkjatDclAYmGXlWxFg-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
CoLaboratory of Environmental Advocacy, Net-zero Carbon And Renewable Technologies (CLEAN EARTH)	University of Connecticut OPR	\$100,000	Collaborator	03/2022-04/2024
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	04/2021-05/2026
Addressing decarbonization with a stormy demand	Eversource Energy Center	\$60,000	Co-PI	10/2021-09/2024
Economics of Resilience	Eversource Center at the University of Connecticut	\$250,000	PI	05/2020-10/2023
Optimizing the allocation of federal resources for early childcare and parents' services in Connecticut	Connecticut Office of Early Education	\$3,500,000	Senior personnel	01/2021-12/2023
National Industrial University Center for Power Grid Studies – Stage III	NSF IURC Program	\$50,000	Co-PI	06-2022-10/2023

In Preparation & Under Review (UR) – Academic Grants

Project Name	Funding Agency	Amount	Role	Date of submission (tentative or actual)
SPARK: Strengthening Power Grids for Adaptation and Resilience through Energy Justice and Governance	UConn Eversource Center	\$358,000	Co-PI	04/2023
Northeastern-Puerto Rico Energy Innovation Alliance for Outage Anticipation, Response and Self-healing Control During Abnormal Weather Events (UR)	U.S. Department of Energy	\$50,000,000	Co-PI	03/2023

Rethinking the production and distribution of renewable energy in rural regions: Resilient & equitable rural energy communities (UR)	Research Council of Norway	\$1,170,000	Co-PI	02/2023
Renewable Energy Transformations for Regional and Local Economic Development	NFRFE Canada - UR	\$558,000	Co-PI	06/2022
Mapping the Dynamics of Social Inequality on Flood Vulnerability under Climate Change	NSF Dynamics of Integrated Socio-Environmental Systems (DISES) - UR	\$650,000	Co-PI	11/2021
NSF PIRE Program 2022	National Science Foundation	\$1,500,000	Co-PI	03/2022
National Industrial University Center for Power Grid Studies – Stage II	NSF IURC Program	\$15,000	Co-PI	04/2022
BlueShed: estimating the effects of marine activities on real-estate assets in two coastal regions (Accepted EoI stage)	NSF-SFI R&D Program & ESRC-NSF Program	\$1,600,000	PI	08/2022
E-TransILab: Energy Transitions and labor markets. (Accepted EoI stage)	NSF-ESRC Program (NSF-led)	\$1,200,000	PI	08/2022 (EoI)

Completed – Academic Grants

Project Name	Funding Agency	Amount	Role	Date completed
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
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 1</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 Science (SAMS) Learned Society Bursaries	\$14,000	PI	01/2016
Marine Energy Research Innovation Accelerator	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	Funding Agency	Amount	Role	Date completed
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
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 JesI	\$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)	\$500,000	Co-PI	09/2018

	over Chinese national security concerns).			
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
Recovering rare-earth materials from coal plants: implementing closed-cycle recoveries in Western United States	U.S. Department of Defense, STTR Program	\$85,000	Senior Personnel	06/2012

GUEST LECTURES & PUBLIC LECTURES

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. Scuola di Amministrazione Aziendale, 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 hagnæðinga), 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

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

Departmental Service

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

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

College Service

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).

University Service

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).

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

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

- Eversource Energy Center at the University of Connecticut, *Collaborator (2016-present)*;
- North American Regional Science Council & Regional Science Association International (2015-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 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