

**LISAMARIE WINDHAM-MYERS**

Research Ecologist

Earth Systems Processes Division, Water Resources Mission Area

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As an aquatic ecosystem ecologist, I lead research on multi-scale integration of biota, hydrologic flows, and terrestrial influences on carbon, nutrient and trace metal biogeochemistry. My work is collaborative and transdisciplinary by design, with a focus on global changes to terrestrial-aquatic interfaces, a critical and underrepresented component in assessing landscape-scale biogeochemical responses to management actions.

**Education:**

<b>Ph.D.</b>	Rutgers, The State University of New Jersey	(Ecology)	<b>1999</b>
<b>M.S.</b>	Rutgers, The State University of New Jersey	(Geography)	<b>1995</b>
<b>B.A.</b>	University of California, Los Angeles	(Environmental Engineering)	<b>1991</b>

**Research and Professional Experience:**

<b>Research Ecologist (National Research Program)</b>	2004-present
Water Mission Area, United States Geological Survey, Menlo Park, CA	
<b>Lecturer, Coastal Wetlands (EARTHSYS 108/208)</b>	2006-2014
Earth Systems Program, School of Earth Sciences, Stanford University, CA	
<b>Assistant Professor</b>	2000-2004
Department of Earth and Environmental Sciences, Lehigh University, Bethlehem, PA	
<b>Sabbatical - Visiting Scholar</b>	2003
Department of Geological and Earth Sciences, Stanford University, Stanford, CA	
<b>Post-doctoral Fellow</b>	1998-2000
Department of Biological Sciences, Rutgers University, Newark, NJ	
<b>NOAA NERR Fellow / NASA Global Change Fellow</b>	1995-1998
Department of Ecology and Evolution, Rutgers University, New Brunswick, NJ	
<b>Geographic Information System Coordinator (part-time)</b>	1992-1999
Natural Heritage Program, New Jersey Department of Environmental Protection	
<b>Remote Sensing Scientist (Hyperspectral)</b>	1989-1992
Airborne Sensor Facility, NASA/Ames Research Center, Moffett Field, CA	

**Current Projects (FY23):**

**Co-PI: NASA Carbon Monitoring System** An Alkalinity and Inorganic Blue Carbon Monitoring System: Crediting Wetland-to-Ocean Lateral Fluxes in Carbon Markets and Inventories. Lead PI: USGS K. Kroeger (2022-2025)

**Lead PI: DOE PNNL/EMSL (Environmental and Molecular Science Laboratories) Exploratory Research** Pore-scale evidence of tidal wetland soil organic carbon stability (2022-2023)

**USGS: Water Mission Area** (Lead, Water Availability Impacts of Extreme Events: Hurricanes; Partner, Ecoflows /Amphibian Research and Monitoring Initiative (ARMI); Project Lead, Saline Lakes / Great Basin Integrated Water Assessment; OPEN-ET Validation team); Past: LandCarbon (Co-Lead, CONUS Wetland Assessment)

**Co-PI: DOE Environmental Systems Science Program** - High-frequency Data Integration for Landscape Model Calibration of Carbon Fluxes Across Diverse Tidal Marshes (2021-2024, Lead PI: Patty Oikawa, CSU East Bay)

**Co-PI: NASA Carbon Monitoring Systems – (Blue Carbon Monitoring System II)** Data-Model Integration for Monitoring and Forecasting Coastal Wetland Carbon Exchanges: Serving Local to National Greenhouse Gas Inventories (2019-2024, Lead PI: J. Holmquist, Smithsonian Environmental Research Center)

**Co-PI: California Dept. of Fish and Wildlife Ecosystem Restoration Program:** High Resolution Temporal and Spatial Mapping of Mercury in San Francisco Bay-Delta Waters (2019-2023, Lead PI: Erin Hestir, UC Merced)

**Recent Projects (FY18-22):**

**Co-PI: USGS-USFWS Puget Sound, WA:** Assessing Carbon Storage and Wildlife Benefits from Restored Coastal Wetlands in the Nisqually River Delta (2014-2019), PNW Ecosystem Service Modeling (2019-2022)

**Co-PI: USGS-Global Carbon Project Powell Center:** Wetland fluxnet synthesis for methane: (2019-2021)

<https://powellcenter.usgs.gov/view-project/5b1703d0e4b092d9651fcc8c>

**Steering Committee, Coastal Carbon Research Coordination Network | Smithsonian Environmental Research Center (si.edu),** SBCGLOBAL <http://water.usgs.gov/nrp/blue-carbon/sbc/> (2016-2019; ongoing advisor)

**PI: NASA Carbon Monitoring Systems – (Blue Carbon Monitoring System I)** Linking Satellite and Soil Data to Validate Coastal Wetland "Blue Carbon" Inventories: upscaled support for developing MRV and REDD+ protocols (2014-2018); 2014-continuing contributor NASA CMS Science Team

**Co-PI: California Rice Research Board – Mercury in California Rice Systems** (with UC Davis; 2014-2019)

### **Professional and Public Outreach (selected contributions since 2018)**

Department of Interior: 2023 Workgroups for ELT, CEQ and OMB on Nature Based Solutions (NBS, *Prioritize Evidence Building through Research, Innovation, Knowledge, and Adaptive Learning*), and Greenhouse Gas Measurement Monitoring, Reporting and Verification (GHG MMRV), Ecohydrology Steering Committee Organizer, Blue Carbon, US Global Change Research Program Carbon Cycle Interagency Working Group Chair, North American Carbon Program 7<sup>th</sup> Biennial PI Meeting Planning Committee (NACP 2020, since 2017) Co-PI, Second Regional Carbon Cycle Assessment and Processes (RECCAP-2)

<https://www.globalcarbonproject.org/reccap/>

Co-Convener, American Geophysical Union Fall Meeting (2014-23): Coastal Wetland Carbon: Recent Advances in Measurements, Modeling, Syntheses <https://agu.confex.com/agu/fm18/preliminaryview.cgi/Session45979>

Co-Convener, Goldschmidt Conference 2018: Controls on the Recalcitrance of Soil Organic Matter Across Diverse Environmental Conditions and Perturbations <https://goldschmidt.info/2018/program/programViewThemes>

U.S. Representative, Tri-National Blue Carbon Program, Commission for Environmental Cooperation [www.cec.org](http://www.cec.org) (2014-2019)

U.S. IPCC, expert reviewer for National Greenhouse Gas Inventory Wetland Supplement (2011-current)

Editor: Associate Editor (2014-2018), Wetlands (Society of Wetland Scientists)

Guest Editor, Environmental Research Letters Focus Issue on Carbon Monitoring Systems (2018-2021)

Panelist: Association of State Wetland Managers [Wetlands and Climate Change](#) (2021), CA Delta Science Council [Adapting Restoration for a Changing Climate](#) (2022), Canadian Limnology Seminar (2022), etc.

Invited Public Outreach: **Association of State Wetland Managers State/Tribal/Federal Coordination Annual Meeting.** Wetlands and Climate Change; **California Council on Science and Technology.** Host, Blue Carbon Sequestration along California's Coast; **National Academies of Sciences, Engineering, and Medicine.** Coastal Blue Carbon Approaches for Carbon Dioxide Removal and Reliable Sequestration; **Arizona State University Global Institute of Sustainability.** Blue Carbon: Can coastal wetlands help combat climate change? **KQED Quest Program.** California's Deadlocked Delta: Is carbon farming the future? **Stanford Global Climate and Energy Program Workshop.** Energy Supply with Negative Carbon Emissions. Wetland restoration for negative emissions.

Scientific Workgroups: Ocean Carbon and Biogeochemistry Lateral Flux, Global Carbon Project (Wetland Mapping, Wetland Methane), Pacific Northwest Blue Carbon Steering Committee, US Blue Carbon National Working Group, Elkhorn Slough Restoration Review, SFEI Blue Carbon Solutions,

Review: **Research Proposals:** DOE EMSL, NOAA NERR, DOE-SPRUCE, DOE-COMPASS, NSF-MRI,

**Journal Peer Review:** Nature (Geoscience, Communications, Scientific Reports), Science, Estuaries and Coasts, Environmental Research Letters, Environmental Science and Technology, J. Biogeochemical Research (Biogeosci, Oceans), Biogeochemistry, Wetlands, Frontiers in (Ecol and Evol, Env. Science), etc

Training provided: Tableau Software, Leica GS18T RTK-GNSS, High Frequency Field Data Collection/Validation Advisees (2013-): 5 postdoctoral scientists, 4 Ph.D theses, 4 M.S. theses, 4 B.S. theses, 5 Volunteers (1 international)

### **Peer Reviewed Publications (n= 104, 5 in review)**

Weis, J. and **L. Windham-Myers.** (accepted). Chapter 6: [Environmental Disturbances and Restoration of Salt Marshes](#), Treatise on Estuarine and Coastal Science, 2nd Edition. CRC Press.

Defne, Z., N. Ganju, **L. Windham-Myers,** J. Holmquist, K. Byrd, V. Woltz, C. Stagg, B. Couvillion. 2023. U.S. Coastal Wetland Geospatial Collection (2023) <https://geonarrative.usgs.gov/uscoastalwetlandssynthesis/>

Zhang, Z., **L. Windham-Myers** and 25 others (accepted). Zhang, Z., S. Bansal, K. Chang, E. Fluet-Chouinard, K. Delwiche, M. Goeckede, A. Gustafson, S. H. Knox, A. Leppänen, L. Lieu, J. Liu, A. Malhotra, T. Markkanen, G. McNicol, J. R. Melton, P.A Miller, C. Peng, M. Raivonen, W. J. Riley, O. Sonnentag, T. Aalto, R. Vargas, W. Zhang, Q. Zhu, Q. Zhu, Q. Zhuang, **L. Windham-Myers,** R.B. Jackson, and B. Poulter. (2023) Characterizing

- performance of freshwater wetland methane models at FLUXNET-CH4 sites using wavelet analyses. Preprint available: <https://www.authorea.com/doi/full/10.1002/essoar.10512704.1>
- Windham-Myers, L.** 2023. *Blue Carbon in a Changing Climate and a Changing Context*. In (Kennish, M.J., Paerl, H.W. and Crosswell, J.R. eds.) *Climate Change and Estuaries*. CRC Press. ISBN 9781003126096
- McNicol, G, E. Fluët-Chouinard, Z. Ouyang, S. Knox, Z. Zhang, T. Aalto, S. Bansal, K. Chang, M. Chen, K. Delwiche, S. Feron, M. Goeckede, J. Liu, A. Malhotra, J.R. Melton, W. Riley, R. Vargas, K. Yuan, Qing Ying, Qing Zhu, P. Alekseychik, M. Aurela, D.P. Billesbach, D.I. Campbell, J. Chen, H. Chu, A. R. Desai, A. Euskirchen, J. Goodrich, T. Griffis, M. Helbig, T. Hirano, H. Iwata, G. Jurasinski, J. King, F. Koebisch, R. Kolka, K. Krauss, A. Lohila, I. Mammarella, M. Nilson, A. Noormets, W. Oechel, M. Peichl, T. Sachs, A. Sakabe, C. Schulze, O. Sonnentag, R. C. Sullivan, E. Tuittila, M. Ueyama, T. Vesala, E. Ward, C. Wille, G. Xhuan Wong, D. Zona, **L. Windham-Myers**, Benjamin Poulter, Robert B. Jackson. (2023) Upscaling wetland methane emissions from the FLUXNET-CH4 eddy covariance network (UpCH4 v1.0): Model development, network assessment, and budget comparison. (AGU Advances). <http://doi.org/10.1029/2023AV000956>
- Russell, S.J., **Windham-Myers, L.**, Stuart-Haëntjens, E.J., Bergamaschi, B.A., Anderson, F., Oikawa, P. and Knox, S.H., 2023. Increased salinity decreases annual gross primary productivity at a Northern California brackish tidal marsh. *Environmental Research Letters*, 18(3), p.034045. <https://iopscience.iop.org/article/10.1088/1748-9326/acbbdf/pdf>
- Ueyama, M., Knox, S.H., Delwiche, K.B., Bansal, S., Riley, W.J., Baldocchi, D., Hirano, T., McNicol, G., Schafer, K., **Windham-Myers, L.** and Poulter, B., 2023. Modeled production, oxidation, and transport processes of wetland methane emissions in temperate, boreal, and Arctic regions. *Global Change Biology*, 29(8), pp.2313-2334. <https://onlinelibrary.wiley.com/doi/pdfdirect/10.1111/gcb.16594>
- Windham-Myers, L.**, P. Oikawa, S. Deverel, J.Z. Drexler, D.S. Chapple, D. Stern (2023). Carbon sequestration and subsidence reversal in the Sacramento-San Joaquin Delta: management opportunities for climate mitigation and adaptation. *San Francisco Estuary and Watershed Science*. Chapter 6 in *State of Bay Delta Science* (eds. Christman, Bashevkin, and Larsen) [https://escholarship.org/uc/jmie\\_sfews](https://escholarship.org/uc/jmie_sfews)
- Windham-Myers, L.**, J.R. Holmquist, K. Kroeger and T. Troxler (2022). Greenhouse gas balances in coastal ecosystems: current challenges in “blue carbon” estimation and significance to national greenhouse gas inventories. Chapter 12 in *Balancing Regional Greenhouse Gas Budgets*, eds Poulter and Canadell, GCP) <https://www.elsevier.com/books/balancing-regional-greenhouse-gas-budgets/poulter/978-0-12-814952-2>
- Holmquist, J.R., and **L. Windham-Myers**. 2022. A Conterminous United States-Scale Map of Relative Tidal Marsh Elevation (Z\*). *Estuaries and Coasts*. <https://doi.org/10.1007/s12237-021-01027-9>
- Uhran, B., **L. Windham-Myers**, N. Bliss, A.M. Nahlik, E. Sundquist, and C.L. Stagg. 2021. Improved wetland soil organic carbon stocks of the conterminous U.S. through data harmonization. *Frontiers in Soil Science* (special issue Soil Organic Matter Dynamics and Carbon Sequestration) <https://doi.org/10.3389/fsoil.2021.706701>
- Miller, GJ, I Dronova, P Oikawa, S Knox, **L Windham-Myers**, J. Shahan, E. Stuart-Haentjens. 2021. The potential of satellite remote sensing time series to uncover wetland phenology under unique challenges of tidal setting. *Remote Sensing*. 2021, 13(18) 3589. <https://doi.org/10.3390/rs13183589>
- Irvin, J., Zhou, S., McNicol, G., Lu, F., Liu, V., Fluët-Chouinard, E., Ouyang, Z., Knox, S.H., Lucas-Moffat, A., Trotta, C., Papale, D.,..... 84 others and **L. Windham-Myers** and R. Jackson. 2021. Gap-filling eddy covariance methane fluxes: Comparison of machine learning model predictions and uncertainties at FLUXNET-CH4 wetlands. *Agricultural and Forest Meteorology*, 308, p.108528. <https://doi.org/10.1016/j.agrformet.2021.108528>
- Herbert, E.R., **L. Windham-Myers**, and M. Kirwan. 2021. Sea-level rise enhances carbon accumulation in United States tidal wetlands. *One Earth*. <https://doi.org/10.1016/j.oneear.2021.02.011>
- Holmquist, J.R., and **L. Windham-Myers**. 2021. Relative Tidal Marsh Elevation Maps with Uncertainty for Conterminous USA, 2010. ORNL, Oak Ridge, Tennessee, USA. <https://doi.org/10.3334/ORNLLDAAC/1844>
- Uhran, B., **L. Windham-Myers**, Z. Zhu, B. Sleeter, N. Cavallero, K. Kroeger, and G. Shrestha. 2021. Wetland Carbon in the United States: Conditions and Changes. Chapter 2 in *Wetland Carbon and Environmental Management* (eds. Zhu, Krauss and Stagg) Wiley. Geophysical Monograph Series ISBN-13: 9781119639282. <https://agupubs.onlinelibrary.wiley.com/doi/10.1002/9781119639305.ch2>
- Woo, I., M.J.Davis, S.E.W. De La Cruz, **L. Windham-Myers**, J. Drexler, K. Byrd, E.J. Stuart-Haentjens, and F. Anderson. 2021. Carbon flux, storage and wildlife co-benefits in a restoring estuary: case study at the Nisqually River Delta, WA. Chapter 5 in *Wetland Carbon and Environmental Management* (eds. Zhu, Krauss and Stagg) Wiley. Geophysical Monograph Series ISBN-13: 9781119639282 <https://agupubs.onlinelibrary.wiley.com/doi/10.1002/9781119639305.ch5>
- Kolka, R., C. Trettin and **L. Windham-Myers**. 2021. The importance of wetland carbon dynamics to society; Insight from the Second State of the Carbon Cycle Report. Chapter 28 in *Wetland Carbon and Environmental*

- Management** (eds. Zhu, Krauss and Stagg) Wiley. Geophysical Monograph Series ISBN-13: 9781119639282 <https://agupubs.onlinelibrary.wiley.com/doi/10.1002/9781119639305.ch24>
- Delwiche, K., S.H. Knox,..... 94 others and **L.Windham-Myers**. 2021. FLUXNET-CH4: Describing a global, multi-ecosystem database, with an analysis on seasonality of methane emissions from freshwater wetlands. MDPI. *Earth Syst. Sci. Data* (pp. 1–111) <https://doi.org/10.5194/essd-2020-307>
- Byrd, K.B., L. Ballanti, N. Thomas, D. Nguyen, J.R. Holmquist, M. Simard, and **L. Windham-Myers**. 2021. Aboveground Biomass High-Resolution Maps for Selected US Tidal Marshes, 2015. ORNL DAAC, Oak Ridge, Tennessee, USA. <https://doi.org/10.3334/ORNLDAAC/1879>
- Chang, K, W.J. Riley, S.H. Knox, R.B. Jackson, G. McNicol, B. Poulter, M. Aurela, D. Baldocchi, S. Bansal, G. Bohrer, D. I. Campbell, A. Cescatti, H. Chu, K.B. Delwiche, A.Desai, E. Euskirchen, T. Friborg, M. Goeckede, M. Kang, T. Keenan, K.W. Krauss, A. Lohila, I. Mammarella, A. Miyata, M.B. Nilsson, A. Noormets, D. Papale, B. Runkle, Y. Ryu, T. Sachs, K.V.R. Schäfer, H.P. Schmid, N. Shurpali, O. Sonnentag, A.C.I. Tang, M.S. Torn, C. Trotta, M. Ueyama, R. Vargas, T. Vesala, **L. Windham-Myers**, Z. Zhang, and D. Zona. 2021. Substantial hysteresis in temperature sensitivity of global wetland methane emissions. *Nature Climate Change* 12(1). 2021. <https://doi.org/10.1038/s41467-021-22452-1>
- Bogard, M., **L. Windham-Myers**, D. Butman, F. Anderson, S. Knox, and B. Bergamaschi. 2020. Hydrologic Export Offsets High CO<sub>2</sub> Uptake in Coastal Wetlands. *Global Biogeochemical Cycles*. <https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2019GB006430>
- Knox, S. H., Bansal, S., McNicol, G., Schafer, K., Sturtevant, C., Ueyama, M., Valach, A. C., Baldocchi, D., Delwiche, K., Desai, A. R., Euskirchen, E., Liu, J., Lohila, A., Malhotra, A., Melling, L., Riley, W., Runkle, B. R. K., Turner, J., Vargas, R., ... **Windham-Myers, L.** and Jackson, R. B. (2021). Identifying dominant environmental predictors of freshwater wetland methane fluxes across diurnal to seasonal time scales. *Global Change Biology*. <https://doi.org/10.1111/gcb.15661>
- Windham-Myers, L.**, B. Bergamaschi. Science Base Data Release: Tidal hydrologic and constituent loads from First Mallard Water Quality Station in the Rush Ranch Marsh Complex of the San Francisco Bay Estuarine Research Reserve (SFBNERR) 2016-2018. <https://doi.org/10.5066/P9660C55>
- Ward, N.D., B. Bond-Lamberty, V. Bailey, D. Butman, E.A. Canuel, H. Diefenderfer, N.K. Ganju, M.A. Goñi, C.S. Hopkinson, T. Khangaonkar, J.A. Langley, N.G. McDowell, A.N. Myers-Pigg, R.B. Neumann, C.L. Osburn, R.M. Price, J. Rowland, A.Sengupta, M.Simard, M. Tzortziou, R.Vargas, P.B. Weisenhorn, and **L. Windham-Myers**. 2020. Representing the Function and Sensitivity of Coastal Interfaces in Earth System Models. *Nature Reviews* <https://www.nature.com/articles/s41467-020-16236-2>
- Van Metre, P.C., S. Qi, J. Deacon, C. Dieter, J.M. Driscoll, M. Fienen, T. Kenney, P. Lambert, D. Lesmes, CA. Mason, A. Mueller Solger, M. Musgrove, J. Painter, D. Rosenberry, L. Sprague, A.J. Tesoriero, **L. Windham-Myers**, and D. Wolock. 2020. Prioritizing River Basins for Intensive Monitoring and Assessment by the U.S. Geological Survey. *Environmental Monitoring and Assessment*. <https://link.springer.com/article/10.1007/s10661-020-08403-1>
- Feagin, R.A., I. Forbrich, T.P. Huff, J.G. Barr, J. Ruiz-plancarte, J.D Fuentes, R.G. Najjar, R. Vargas, A. Vazquez-lule, **L. Windham-Myers**, K. Kroeger, E.J. Ward, G.W. Moore, M. Leclerc, K.W. Krauss, C.L. Stagg, M. Alber, S.H. Knox, K.V.R. Schafer, T.S. Bianchi, J.A. Hutchings, H.B. Nahrawi, A. Noormets, B. Mitra, A. Jaimes, A.L. Hinson, B. Bergamaschi, J. King, and G. Miao. 2020. Gross Primary Production Maps of Tidal Wetlands across Conterminous USA, 2000-2019. ORNL DAAC, Oak Ridge, Tennessee, USA. <https://doi.org/10.3334/ORNLDAAC/1792>
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- Thomas, N., Simard, M., Castañeda-Moya, E., Byrd, K., **Windham-Myers, L.**, Bevington, A. and Twilley, R.R., 2019. High-resolution mapping of biomass and distribution of marsh and forested wetlands in southeastern coastal Louisiana. *International Journal of Applied Earth Observation and Geoinformation*, 80, pp.257-267. <https://doi.org/10.1016/j.jag.2019.03.013>



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- Windham-Myers, L.**, S. Crooks and T.G. Troxler 2019. *A Blue Carbon Primer: The State of Coastal Wetland Carbon Science, Practice and Policy*. 28 chapters, 93 contributing authors. 496 pp. CRC Press, Boca Raton, Florida. <https://www.crcpress.com/CRC-Marine-Science/book-series/CRCMARINESCI>
- Windham-Myers, L.**, S. Crooks, and T. Troxler. 2019. Blue Carbon Futures: Moving Forward on Terra Firma. Chapter 28 in *A Blue Carbon Primer: The State of Coastal Wetland Carbon Science, Practice and Policy*. CRC Press, Boca Raton, FL <https://www.crcpress.com/CRC-Marine-Science/book-series/CRCMARINESCI> 391-401
- Crooks, S., **Windham-Myers, L.**, and T. Troxler. 2019. Defining blue carbon: The emergence of a climate context for coastal carbon dynamics. Chapter 1 in *A Blue Carbon Primer: The State of Coastal Wetland Carbon Science, Practice and Policy*. CRC Press, Boca Raton, FL <https://www.crcpress.com/CRC-Marine-Science/book-series/CRCMARINESCI> p. 1-8.
- Holmquist, J.R., **L. Windham-Myers**, B. Bernal, K.B. Byrd, S. Crooks, M.E. Gonneea, N. Herold, S.H. Knox, K. Kroeger, J. McCombs, P.J. Megonigal, L. Meng, J.T. Morris, A.E. Sutton-Grier, T. Troxler, and D. Weller. 2019. Coastal Wetland Elevation and Carbon Flux Inventory with Uncertainty, USA, 2006-2011. ORNL DAAC, Oak Ridge, Tennessee, USA. <https://doi.org/10.3334/ORNLDAAC/1650>
- Windham-Myers, L.**, W.-J. Cai, S. Alin, A. Andersson, J. Crosswell, K. H. Dunton, J. M. Hernandez-Ayon, M. Herrmann, A. L. Hinson, C. S. Hopkinson, J. Howard, X. Hu, S. H. Knox, K. Kroeger, D. Lagomasino, J.P. Megonigal, R. Najjar, M.-L. Paulsen, D. Peteet, E. Pidgeon, K. Schäfer, M. Tzortziou, Z. A. Wang, and E. B. Watson, 2018: Chapter 15: Tidal wetlands and estuaries. In *Second State of the Carbon Cycle Report (SOCCR2): A Sustained Assessment Report*. [Cavallaro, N., G. Shrestha, R. Birdsey, M. A. Mayes, R. Najjar, S. Reed, P. Romero-Lankao, and Z. Zhu (eds.)]. U.S. Global Change Research Program, Washington, DC, USA <https://carbon2018.globalchange.gov/>
- Holmquist, J.R., **L. Windham-Myers**, B. Bernal, K. B. Byrd, S. Crooks, M.E. Gonneea, N. Herold, S.H. Knox, K. Kroeger, J. McCombs, J.P. Megonigal, L Meng, J.T. Morris, A.E Sutton-Grier, T. G Troxler and D. Weller. 2018. Uncertainty in United States coastal wetland greenhouse gas inventorying. *Environmental Research Letters: Focus Issue on Carbon Monitoring Systems*. <https://doi.org/10.1088/1748-9326/aae157>
- Holmquist, J.R., **Windham-Myers, L.**, Bliss, N., Crooks, S., Morris, J.T., Megonigal, J.P., Troxler, T., Weller, D., Callaway, J., Drexler, J. and Ferner, M.C., 2018. Accuracy and Precision of Tidal Wetland Soil Carbon Mapping in the Conterminous United States. *Scientific Reports*, 8(1), p.9478. <https://doi.org/10.1038/s41598-018-26948-7>
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**Presentations:** >200 presentations at scientific meetings, >20 invited or keynotes. Info available upon request.