

[Dr. Sparkle L. Malone](#)

Assistant Professor, Yale School of the Environment
Yale University
(786) 489-1090 (C), sparkle.malone@yale.edu

Professional Experience

Yale School of the Environment, 2022-
present
Yale Center for Natural Carbon Capture, Yale University, CT.
Assistant Professor

Institute of the Environment 2021-2022
Assistant Director of Environmental Data Science Programs

Department of Biological Sciences, Florida International University, FL. 2017-2022
Assistant Professor

USFS Rocky Mountain Research Station, Fort Collins, CO. 2014-2017
Research Ecologist

Education

University of Alabama, Tuscaloosa, AL. 2014
PH.D in Biology
Dissertation: "Hydrology drives Everglades ecosystem function: implications for ecosystem vulnerability to drought, energy balance, climate teleconnections, and climate change"
Advisors: Dr. Christina Staudhammer and Dr. Gregory Starr

University of Florida, Gainesville, FL. 2010
M.S. in Forest Resources and Conservation
Thesis: "Effect of fire size and severity on subsequent fires using differenced normalized burn ratios in pine dominated flatwood forest in Florida"
Advisors: Dr. Christina Staudhammer and Dr. Leda Kobziar

University of Florida, Gainesville, FL. 2009
B.S. in Forest Resources and Conservation
Area of Concentration: Forest Informatics
Cum Laude

Honors and Awards

National Ecological Observatory Network, Battelle. Boulder, CO. 2021
Certificate of Appreciation for Service on the STEAC

College of Arts, Sciences & Education, Florida International University. Miami, FL. 2021
Certificate of Appreciation for Research

College of Arts, Sciences & Education, Florida International University. Miami, FL. 2018
Certificate of Appreciation for Research

<i>USDA Forest Service, Rocky Mountain Research Station. Fort Collins, CO.</i> Performance Award	2016
<i>USDA Forest Service, Rocky Mountain Research Station. Fort Collins, CO.</i> Performance Award	2015
<i>USDA Forest Service, Rocky Mountain Research Station. Fort Collins, CO.</i> Performance Award	2012

University Service

- Kelly Tropical Botany Scholarship Committee (2021-present)
 - Advance Women, Equity & Diversity Advisory Committee, Florida International University (2020-present)
 - Diversity Committee, Department of Biological Sciences (2020-present)
 - Diversity Committee, College of Arts Science and Education (2020-present)
 - Honors Committee, Department of Biological Sciences (2019-present)
 - IT Steering Committee, College of Arts Science and Education(2019 - present)
 - Diversity Mentor Professor Search Committee, College of Arts Science and Education (2017 - 2018)
 - Departmental Hiring Committees, Department of Biological Sciences: BBC Lecturer Position (2019-2020), Biology Instructor MMC (2019)
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Service to Profession

- [Ameriflux Diversity Committee](#), Member (2021-present)
- Ameriflux Annual Meeting Organizing Committee, Session Chair (2021)
- [Ameriflux Steering Committee](#), Member (2021-present)
- [Editorial Board of the Journal Forests](#), Member (2018-present)
- [National Ecological Observatory Network \(NEON\) Science, Technology & Education Advisory Committee \(STEAC\)](#), Member (2019-2020), Secretary (2020-2021), Chair (2021-present)
- [NASA Oak Ridge National Lab Distributed Active Archive Center \(DAAC\) User Working Group](#), Member (2019-present)
- [Florida Coastal Everglades Long-term Ecological Research Working Group Lead for the Everglades Tower Network](#), Flux Group Co-Lead (2019-present), Ecosystem Trajectories Group Co-Lead (2021-present)
- [Harvard Forest REU](#) Mentor to Xaun Wilson, Christina Francis, and Sara Sosa (2021)
- Pennsylvania State University REU Mentor to Marrison Naclerio (2021)
- National Science Foundation Panelist, 2016, 2017, 2019, 2020, 2021
- National Science Foundation Reviewer: 2019, 2020, 2021, 2022
- National Aeronautics and Space Administration panelist, 2021

Reviewer for: *Ecosystems, Environmental Management, Environmental Research Letters, GEODERMA, Hydrology and Earth Systems Sciences, Journal of Geophysical Research, Journal of Remote Sensing, Forests, PLOS ONE, and Nature Communications.*

Mentorship

Malone Disturbance Ecology Lab Undergraduate Scholars: Ana Mata (2022), Gabriella Parrales (2022), Kennedie Cockrell (2022), Mikayla Walker (2022), Vishal Jack (2022), Cindy Dang (2022), Rashida Ramakraeala (2020-2021), Rahiem Grant (2020-2021), Eric Gomez (2020-2021), Alyssa Miguez (2020-present), Bryan Gonzales (2020-2021), Monica Chongo (2020-2021), Nisha Ali (2019-2021), Tiany Hernandez (2019), William Sanchez (2018-2020), Halima Fernandez (2019-2020), Yუსlaine Serrano Gutierrez (2019-2020), Josue Saint Fleur (2019-2020), Lucia Ferreiro (2019-2020), Maria Gonzalez (2019-2020), Venus Garcia (2018-2019), Anjana Venkatesan (2015), Justin Bollinger (2015–2016), Hitomi Okada (2015).

Research Experiences for Undergraduate Mentor (*)/ Senior Thesis Mentor (*): Marrison Naclerio* (University of Connecticut; 2021-2022), Xaun Wilson*x (Howard University; 2021-2022), Christina Francis^x (2021), and Sara Sosa^x (2021).

Malone Disturbance Ecology Lab Graduate Scholars (*Major Professor): Liz Ortiz Munoz (2022), *Amanda Richey (2021-present), *Grace Mcleod (2021-present), Tommy Shannon (2021-present), Kaitlin Stansbury (2021-2021), *Helen Wager (2019-present), Selena Chavez (2019-present), Lukas Lamb-Wooten (2019-present), Nicole Strickland (2019-present); Sandra Koi (2019-2020), *Jenisha Oli (2019-2021); Alexander Victor Levine (2018), Thomas Fieldsend (2018- 2021), Brittany Harris (2017-present).

Postdoctoral Scholars: Lauren Wood (2021-2022), Prajaya Pratipati (2021-2022); Youmi Oh (2021-2022), Kyle Ardnt (2021-2022), Sean Charles (2019-2021), Junbin Zhao (2017-2019)

Environmental Data Science Fellowship: Sabrina Lopez (2022)

Workshops and Outreach

[Workshop on Coastal Observation and Modeling Systems](#) 2020
Miami, FL. Sep 8, 2020, 9-4 PM

[TERENO NEON Carbon Monitoring Workshop](#)
2019
Duren, Germany Jul 13, 2019, 12:00 PM – Jul 20, 2019

National Ecological Observatory Network (NEON) Internship Program 2019
Boulder, CO. –Mentor.

National Ecological Observatory Network (NEON) Internship Program 2015
Boulder, CO. –Mentor.

Southwest Indian Polytechnic Institute site visit to NEON Inc. 2015
Boulder, CO. –Mentor

Western Institute for the National Hispanic Environmental Council 2015
Sacramento, CA. –Mentor

Teaching Experience

<i>Florida International University, Miami, FL.</i> Assistant Professor – Forest of the Future: Species Distribution Modeling (PCB4932/ BSC6926)”	2021
<i>Florida International University, Miami, FL.</i> Assistant Professor – Quantitative Ecology Workshop (BSC6926)	2020
<i>Florida International University, Miami, FL.</i> Assistant Professor – Disturbance Ecology (PCB4932)	2019-2021
<i>Florida International University, Miami, FL.</i> Assistant Professor – Ecology (PCB3043)	2018-2020
<i>University Alabama, Tuscaloosa, AL.</i> Instructor – “Eddy Covariance Data Processing in R Workshop”	2014-2019

Funded Grants and Agreements

1. Malone, Sparkle L. (2021-2026) CAREER: Understanding Coastal Resilience: Implications of an Expanding White Zone in the Florida Everglades. The National Science Foundation. Total Budget: \$1,137,895; Malone Budget: \$1,137,895
2. Rishe, N., Gann, D., Vassigh, S., Iyengar, S., Crowl, T., Malone, S.L., Adjouadi, M., Sadjadi, M., Graham, S. (2021-2025) MRI: Development of an instrument for student and faculty research on Multimodal Environmental Observations. The National Science Foundation. Total Budget: \$2,610,307; Malone Budget: \$7,000
3. Gaiser, E. (2020- 2024) LTER: Coastal Oligotrophic Ecosystem Research. The National Science Foundation. Total Budget: \$4,750,800 (Senior Personnel); Malone Budget: \$145,000
4. Troxler, T., Casteneda, E., Malone, S.L. (2020-2023) Understanding the effects of current and future greenhouse carbon balance of the Everglades: Direct Measurement of Net Ecosystem Exchange (NEE) in Coastal Mangroves of Everglades National Park. Total Budget: \$424,628; Malone Budget: \$20,000
5. Malone, S.L., Obeysekera, J., Sukop, M., Troxler, T. (2019-2020) CoPe: Workshop for identifying interoperability and the data needs of the interdisciplinary models for understanding vulnerability of coastal systems to stresses and shocks associated with climate change and sea level rise. National Science Foundation. Total Budget: \$99,137.00; Malone Budget: \$0
6. Malone, S.L., and Schoettle, A.W. (2019-2021) Climate change projections of five-needle pines and disease risk in the Great Basin. U.S. Forest Service. Total Budget: \$200,000; Malone Budget: \$25,684
7. Malone, S.L. (2018-2021). Optimizing Fire Regimes In Everglades Fire-Dependent Ecosystems. National Aeronautics and Space Administration- New Investigator Program. Total Budget: \$290,595; Malone Budget: \$290,595

8. Starr, G., Staudhammer, C.L., Oberbauer, S.F., and Malone, S.L. (2017-2019). RAPID: Tipping the greenhouse C balance: Hurricane Irma's role. The National Science Foundation– Atmospheric Chemistry. Total Budget: \$200,000; Malone Budget: \$125,180
 9. Starr, G., Staudhammer, C.L., Oberbauer, S.F., and Malone, S.L. (2017-2021). Supplemental: Understanding the effects of current and future greenhouse carbon balance of the Everglades. The National Science Foundation– Atmospheric Chemistry. Malone Budget: \$100,000
 10. Malone, S.L, Joyce, L, and Ryan, M. (2016). Monitoring ecosystem CO₂ dynamics across the Rocky Mountain Region. Resource Planning Act. Malone Budget: \$30,000
 11. Malone, S.L, Joyce, L, and Ryan, M. (2015). Monitoring trends in ecosystem C: identifying drivers and indices of change. Resource Planning Act. Malone Budget: \$25,000
 12. Malone, S.L., and Schoettle, A.W. (2015). How will climate change alter the distribution of bristlecone pine? USFS FWE Climate Change. Malone Budget: \$10,000
 13. Starr, G., Staudhammer, C.L., Oberbauer, S.F., and Malone, S.L. (2015-2021). Collaborative Research: Understanding the effects of current and future greenhouse carbon balance of the Everglades. The National Science Foundation– Atmospheric Chemistry. Total Budget: \$1,000,000. Malone Budget: \$78,855 (FIU)
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Large Collaborative Project Planning (2021-2022)

1. Varner, R., Commane, R., Malone, S.L., Loescher, H., Contosta, A. (2021) Mid-scale RI-2: Continental Methane Observatory (CMO). National Science Foundation. Total Budget: \$99,848,434 (Declined; Resubmission 2023)
 2. Commane, R., Malone, S. L., Poulter, B., (2022) NASA Mission Proposal. Total Budget \$300,000,000 (In Preparation)
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International Collaborative Projects

1. Malone, S. L., Rumpel, C., and Chabbi, A. (2018 -present) Agricultural management and C dynamics at the INRAE Nouvelle-Aquitaine Poitiers Centre. Lusignan, France . Total Budget: ~20K/Year.

Publications

1. Staudhammer, C.L., Malone, S.L., Zhao, J., Yu, Z., Starr, G., Oberbauer, S.F. (2022). Methane emissions from subtropical wetlands: An evaluation of the role of data filtering on annual methane budgets. AGRFORMET-D-21-01356R2
2. Malone, S.L., Oh, Y., Arndt, K., Burba, G., Commane, R., Contosta, A., Goodrich, J., Loescher, H., Starr, G., and Varner, R. (2022). Gaps in network infrastructure limit our understanding of biogenic methane emissions for the United States. *Biogeosciences*.
3. Malone, S. L., Zhao, J., Kominoski, J. S., Starr, G., Staudhammer, C. L., Olivas, P. C., Cummings, J. C., & Oberbauer, S. F. (2022). Integrating Aquatic Metabolism and Net Ecosystem CO₂ Balance in Short- and Long-Hydroperiod Subtropical Freshwater Wetlands. *Ecosystems* . <https://doi.org/10.1007/s10021-021-00672-2>
4. Nagy, R. C., Balch, J. K., Bissell, E. K., Cattau, M. E., Glenn, N. F., Halpern, B. S., Ilangakoon, N., Johnson, B., Joseph, M. B., Marconi, S., O’Riordan, C., Sanovia, J., Swetnam, T. L., Travis, W. R., Wasser, L. A., Woolner, E., Zarnetske, P., Abdulrahim, M., Adler, J., ... Zhu, K. (2021). Harnessing the NEON data revolution to advance open environmental science with a diverse and data capable community. *Ecosphere* , 12(12). <https://doi.org/10.1002/ecs2.3833>
5. Zhao, J., Malone, S. L., Staudhammer, C. L., Starr, G., Hartmann, H., & Oberbauer, S. F. (2021). Freshwater wetland plants respond nonlinearly to inundation over a sustained period. *American Journal of Botany*, 108 (10), 1917–1931.
6. Kominoski, J. S., Pachón, J., Brock, J. T., McVoy, C., & Malone, S. L. (2021). Understanding drivers of aquatic ecosystem metabolism in freshwater subtropical ridge and slough wetlands. *Ecosphere* , 12(12). <https://doi.org/10.1002/ecs2.3849>.
7. Malone, S. L., & Record, S. (2021). Addressing bias in faculty retention. *Ecological Applications: A Publication of the Ecological Society of America*, e02346.
8. Fieldsend, T. W., Dubos, N., Krysko, K. L., Raxworthy, C. J., & Malone, S. L. (2021). In situ adaptation and ecological release facilitate the occupied niche expansion of a non-native Madagascan day gecko in Florida. *Ecology*. <https://onlinelibrary.wiley.com/doi/abs/10.1002/ece3.7749>
9. Crème, A.; Rumpel, C.; Malone, S.L.; Saby, N.P.A.; Vaudour, E.; Decau, M.L.; Chabbi, A. (2020). Monitoring Grassland Management Effects on Soil Organic Carbon—A Matter of Scale. *Agronomy*, 10, 2016.
10. Jones, J. A., Groffman, P. M., Blair, J., Davis, F. W., Dugan, H., Euskirchen, E. E., et al. (2020). Synergies among environmental science research and monitoring networks: A research agenda. *Earth's Future*, 8, e2020EF001631. <https://doi.org/10.1029/2020EF001631>
11. Sarker, K., Timsina, J., Biswas, S., Malone, S., Alam, K., Loescher, H.W., Bazzaz, M. (2020) Alternate furrow irrigation can maintain grain yield, nutrient uptake and increase crop water productivity in dry season maize in sub-tropical climate of South Asia. *Agricultural Water Management*, 238, 106229.
12. Poblete-Grant, P., Suazo-Hernández, J., Condrón, L., Rumpel, C., Demanet, R., Malone, S. L., & Mora, M. de L. L. (2020). Soil available P, soil organic carbon and aggregation as affected by long-term poultry manure application to Andisols under pastures in Southern Chile. *Geoderma Regional*, 21, e00271.
13. Record, S., Dahlin, K. M., Zarnetske, P. L., Read, Q. D., Malone, S.L., Gaddis, K. D., Grady, J,

- M., Costanza, J., Hobi, M. L., Latimer, A. M., Pau, S., Wilson, A. M., Ollinger, S. V., Finley, A. O., Hestir, E. (2020). Remote Sensing of Geodiversity as a Link to Biodiversity in Remote Sensing of Plant Biodiversity. Springer, Cambridge. 225-253.
14. Zhao, J., Malone, S. L., Oberbauer, S. F., Olivas, P. C., Schedlbauer, J. L., Staudhammer, C. L., & Starr, G. (2019). Intensified inundation shifts a freshwater wetland from a CO₂ sink to a source. *Global Change Biology*. <https://doi.org/10.1111/gcb.14718>
 15. Zarnetske, P. L., Read, Q. D., Record, S., Gaddis, K. D., Pau, S., Hobi, M. L., ... Finley, A. O. (2019). Towards connecting biodiversity and geodiversity across scales with satellite remote sensing. *Global Ecology and Biogeography: A Journal of Macroecology*, 85, 80.
 16. Zhao, Junbin, Paulo C. Olivas, Sujit Kunwor, Sparkle L. Malone, Christina L. Staudhammer, Gregory Starr, and Steven F. Oberbauer. (2018). Comparison of Sensible Heat Flux Measured by Large Aperture Scintillometer and Eddy Covariance in a Seasonally-Inundated Wetland. *Agricultural and Forest Meteorology* 259 (September): 345–54.
 17. Zhao, Junbin, Steven F. Oberbauer, Paulo C. Olivas, Jessica L. Schedlbauer, Jeremy L. May, Jonathan G. Moser, Sparkle L. Malone, Christina L. Staudhammer, and Gregory Starr. (2018) Contrasting Photosynthetic Responses of Two Dominant Macrophyte Species to Seasonal Inundation in an Everglades Freshwater Prairie. *Wetlands*, May. <https://doi.org/10.1007/s13157-018-1038-1>.
 18. Malone, S.L., Schoettle, A.W., Coop, J, D. (2018) The Future of Subalpine Forests in the Southern Rocky Mountains: Trajectories for *Pinus aristata* Genetic Lineages. *PlosOne*, 13(3), e0193481.
 19. Davis, D.A., Malone, S.L., Lovell, C.R. (2018) Responses of Salt Marsh Plant Rhizosphere Diazotroph Assemblages to Drought. *Microorganisms*,6(1), 27.
 20. Malone, S.L., Fornwalt, P.J., Battaglia, M. A., Chambers, M.E., Iniguez, J.M., Sieg, C. (2018) Mixed-Severity Fire Fosters Heterogeneous Spatial Patterns of Conifer Regeneration in a Dry Conifer Forest. *Forests*, 9(1), 45.
 21. Malone, S.L. (2017) Monitoring Changes in Water Use Efficiency to Understand Drought Induced Tree Mortality. *Forests*, 8(10), 365; doi:10.3390/f8100365
 22. Malone, S.L., Tubure, M.G., Pérez–Luque, A.J., Assal, T.J., Bremer, L.L., Drucker, D.P., Hillis, V.,Varela, S., and Goulden, M. (2016) Drought vulnerability across California ecosystems: evaluating spatiotemporal shifts in ecosystem C dynamics. *Ecosphere*, 7(11), doi: 10.1002/ecs2.1561.
 23. Malone, S.L., Barr, J., Fuentes, J.D., Oberbauer, S.F., Staudhammer, C.L., Gaiser, E.E., and Starr, G. (2016) Sensitivity to low–temperature episodes: implications for CO₂ dynamics in coastal wetland ecosystems. *Wetlands*, 36, 5, doi:10.1007/s13157–016–0810–3.
 24. Chambers, M. E., Fornwalt, P. J., & Malone, S. L. (2016). Patterns of conifer regeneration following high severity wildfire in ponderosa pine–dominated forests of the Colorado Front Range. *Forest Ecology and Management*. <https://www.sciencedirect.com/science/article/pii/S0378112716303474>
 25. Short, F., Kosten, S., Morgan, P.A., Malone, S.L., and Moore, G.E. (2016) Impacts of climate change on submerged and emergent wetland plants. *Aquatic Botany*. <http://doi.org/10.1016/j.aquabot.2016.06.006>.
 26. Malone, S.L., Keough, C., Staudhammer, C. L., Ryan, M. G., Parton, W. J., Olivas, P., et al. (2015) Ecosystem resistance in the face of climate change: a case study from the freshwater marshes of the Florida Everglades. *Ecosphere*, 6(4). <http://doi.org/10.1890/ES14–00404.1>.
 27. Sadeghi, S.H., Peters, T. R., Amini, M. Z., Malone, S.L., and Loescher, H. W. (2015) Novel approach to evaluate the dynamic variation of wind drift and evaporation losses under moving irrigation systems. *Biosystems Engineering*, 135, 44–53. <http://doi.org/10.1016/j.biosystemseng.2015.04.011>.

28. Malone, S.L., Staudhammer, C.L., Loescher, H.W., Olivas, P., Oberbauer, S.F., Ryan, M.G., Schedlbauer, J., and Starr, G. (2014) Seasonal patterns in energy partitioning of two freshwater marsh ecosystems in the Florida Everglades. *Journal of Geophysical Research*, doi: 10.1002/2014JG002700.
29. Malone, S.L., Staudhammer, C.L., Oberbauer, S.F., Olivas, P., Ryan, M.G., Schedlbauer, J., Loescher, H.W., and Starr, G. (2014) El Niño Southern Oscillation (ENSO) amplifies precipitation extremes, enhancing CO₂ exchange rates in freshwater marsh ecosystems in the Florida Everglades. *PlosOne*, 9(12), e115058. <http://doi.org/10.1371/journal.pone.0115058>.
30. Malone, S.L. (2014) Hydrology Drives Everglades Ecosystem Function: Implications for ecosystem vulnerability to drought, energy balance, climate teleconnections, and climate change. University of Alabama, Tuscaloosa, AL. 215 pages.
31. Troxler, T.G., Gaiser, E., Barr, J., Fuentes, J.D., Jaffe, R., Childers, D.L., Collado-Vides, L., Rivera-Monroy, V.H., Castañeda-Moya, E., Anderson, W., Chambers, R., Chen, M., Coronado-Molina, C., Davis, S.E., Engel, V., Fitz, C., Fourqurean, J., Frankovich, T., Kominoski, J., Madden, C., Malone, S.L., Oberbauer, S.F., Olivas, P., Richards, J., Saunders, C., Schedlbauer, J., Sklar, F., Smith, T., Smoak, J.M., Starr, G., Twilley, R.R., and Whelan, K. (2013) Integrated carbon budget models for the Everglades terrestrial-coastal-oceanic gradient: current status and needs for inter-site comparisons. *Oceanography*, 26:3, 98–10, doi: 10.5670/oceanog.2013.51.
32. Malone, S.L., Starr, G. Staudhammer, C.L., and Ryan, M.G. (2013) Effects of Simulated Drought on the CO₂ and CH₄ Balance of Everglades Short Hydroperiod Marsh. *Global Change Biology*, 19:8, 2511–2523.
33. Szantoni, Z., Malone, S.L., Escobedo, F., Misas, O., Smith, S., and Dewitt, B. (2012) A tool for rapid post-hurricane urban tree debris estimates using high-resolution aerial imagery. *Journal of Applied Earth Observation and Geoinformation*, 18, 548–556.
34. Jimenez, K., Starr G., Staudhammer, C.L., Schedlbauer, J., Loescher, H., Malone, S.L., and Oberbauer, S.F. (2012) Carbon Dioxide Exchange Rates From Short- and Long-Hydroperiod Everglades Freshwater Marsh. *Journal of Geophysical Research*, 117, 1–17.
35. Wyman, M., Malone, S.L., Stein, T., and Johnson, C. (2012) Race and perceptions of rural forestland owners to wildfire risk in north-central Florida. *Society and Natural Resources*, 25: 12, doi: 10.1080/08941920.2012.681752.
36. Malone, S.L., Staudhammer, C.L., Kobziar, L., and Abd-Elrahan, A. (2011) Modeling the relationships among 202 fires using remote sensing burn severity analysis in southern pine forest. *Remote Sensing*, 3:9, 2005–2028.
37. Johnson-Gaither, C. A., Gan, J., Jarret, A., Wynman, M. S., Malone, S.L., Adams, K. J., et al. (2011) Black Belt Landowners Respond to State-Sponsored Wildland Fire Mitigation Policies and Programs (No. General Technical Report SRS-139). Asheville, NC: United States Department of Agriculture.
38. Gaither, C.J. Poudyal, N., Goodrick, S., Bower, J.M., Malone, S.L., and Jianbang, G. (2011) Wildland Fire Risk and Social Vulnerability in the Southeastern United States: An Exploratory Spatial Data Analysis Approach. *Forest Policy and Economics*, 13:1, 24–36.
39. Malone, S.L. (2010) Effect of Fire Size and Severity on Subsequent Fires Using Differenced Normalized Burn Ratios in Pine Dominated Flatwoods Forest in Florida. M. S. Thesis, University of Florida, Gainesville, FL. 136 pages.

Invited Presentations

1. Malone, S.L. (2022) Climate change and sea level rise deepen the social divide in south florida: managing landscapes for an equitable future. New Horizons in Conservation Conference. March 29, 2022. Virtual Presentation.

2. Malone, S.L., Oberbauer, S.F., Starr, G., Castaneda, E., Troxler, T. Fourqurean, J., Staudhammer, C., and Oli, J, (2021) Natural Climate Solutions: The foundation for adaptive management. Northern Arizona University, October 25th 2021. Virtual Presentation.
3. Malone, S.L., Oberbauer, S.F., Starr, G., Castaneda, E., Troxler, T. Fourqurean, J., Staudhammer, C., and Oli, J, (2021) The Everglades Flux Tower Network: The foundation for adaptive management. Everglades National Park, October 13th 2021. Virtual Presentation.
4. Malone, S.L., Oli, Jenisha, Oberbauer, S.F., Starr, G., Castaneda, E., Troxler, T. Fourqurean, J., and Staudhammer, C. (2021) Natural Climate Solutions: Understanding the conditions that facilitate resilient ecosystems. Colorado State University, October 6th 2021. Virtual Presentation.
5. Malone, S.L., (2021) Climate Change and Sea Level Rise Deepen the Social Divide in Miami, FL. February 16th. Colorado State University Environmental Justice: PEAKS theme would be Knowledge and Governance
6. Malone, S.L., (2021) Carbon Uptake Efficiency Across Everglades Ecosystems. February 11th. The Jones Center at Ichauway, Virtual Presentations
7. Malone, S.L. (2021) The Role of Climate and Disturbance in Driving Ecosystem Structure and Function.
 - a. January 26th. University of Notre Dame, Virtual Presentation.
 - b. March 1st. Dartmouth College, Virtual Presentation.
 - c. March 15th. Pennsylvania State University, Virtual Presentation.
 - d. April 8th. The University of California Santa Barbara, The Bren School
 - e. April 14th, Colorado State University
8. Malone, S.L. (2021) Becoming an Ecologist. National Science Foundation, Macro Systems Biology Principal Investigators meeting. January 14th, 2021, Virtual Presentation.
9. Malone, S.L. (2020) Integrating aquatic metabolism and net ecosystem CO₂ balance in calcareous short- and long-hydroperiod subtropical freshwater wetland. Wesley College, Biology Seminar Series. Virtual Presentation.
10. Malone, S.L. (2020) Integrating aquatic metabolism and net ecosystem CO₂ balance in calcareous short- and long-hydroperiod subtropical freshwater wetland. University of New Hampshire, NRESS Seminar. Virtual Presentation.
11. Malone, S. L., Hernandez, T. (2019). Optimizing Fire Regimes In Everglades Fire-Dependent Ecosystems. NASA Terrestrial Ecology Science Team Meeting. September 23-25th. College Park Maryland.
12. Malone, S. L., Oberbauer, S.F., Olivas, P. C., Zhao,J., Starr, G. and Staudhammer, C.L. (2018) Patterns in ecosystem C dynamics in Everglades Freshwater Marsh. Ecological Society of America, August 6-10th, 2018. New Orleans, Louisiana.
13. Malone, S. L., Oberbauer, S. F., Olivas, P. C., Zhao,J., Starr, G. and Staudhammer, C.L.. (2018) Extreme events alter C dynamics across the Florida Everglades. Ecological Society of America, August 6-10th, 2018. New Orleans, Louisiana.
14. Malone, S.L., (2017) Climate Change and High Elevation Ecosystems. Fort Collins Senior Center. 3rd May, Fort Collins, CO.
15. Malone, S. L., (2016) Disturbance Regimes Drive Patterns in Ecosystem Structure and Function. University of Florida School of Forest Resource Conservation. 11th April, Gainesville, FL.
16. Malone, S.L., Staudhammer, C.L., and Starr, G (2015) Methods of Gap-filling Eddy Covariance Data. NEON. 3rd December, Boulder, CO. Woodland Park, CO.
17. Malone, S.L. (2015) Research in the Rocky Mountain Research Station. Western Institute for the National Hispanic Environmental Council. 11–15th November, Sacramento, CA.
18. Malone, S.L., Fornwalt, P.J., Chambers, M.E., Battaglia, M.A. (2015) Forest Recovery From Wildfire. USFS Rocky Mountain Research Station Seminar Series: Disturbance Ecology. 11th June, Fort Collins, CO.

19. Malone, S.L., Fornwalt, P.J., Chambers, M.E., Battaglia, M.A. (2015) Understanding Forest Recovery From Mega-fires. Field Trip to Hayman Wildfire. 22nd August.
20. Malone, S.L. (2015) Understanding Ecosystem Sustainability. Southwest Indian Polytechnic Institute Site Visit to NEON. 13th February, Boulder, CO.
21. Starr, G., Malone, S.L., Staudhammer, C., Loescher, H. (2015) The development of techniques for continuous measurements of methane fluxes using eddy covariance techniques. NEON, 10th February, Boulder, CO.
22. Malone, S.L., Starr, G., Staudhammer, C.L. and Ryan, M.G. (2012) Ecosystem Responses to Simulated Drought in Everglades Short Hydroperiod Freshwater Marshes. Rocky Mountain Research Station. Fort Collins, CO. September 3rd – 8th.
23. Malone, S.L., Starr. (2012) Effects of simulated drought on the Greenhouse Carbon Balance of Everglades short-hydroperiod marsh. University of Alabama, October 26th 2012.

Contributed Presentations

1. Malone, S.L. (2022) Flux Working Group Update. Florida Coastal Everglades All Scientist Meeting, Miami, FL. March 2, 2022.
2. Prajapati, P., Malone, S.L., Oberbauer, S.F., Troxler, T.G., Casteneda-Moya, Edward. (2022) Methane emissions from mangrove forest in the Everglades. Florida Coastal Everglades All Scientist Meeting, Miami, FL. March 2, 2022. Poster.
3. Gonzales, B., Malone, S.L., McLeod, G., and Richey, A. (2022) Differences in Water Level Synchrony Between Recent El Niño-Southern Oscillation (ENSO) Events. Florida Coastal Everglades All Scientist Meeting, Miami, FL. March 2, 2022. Poster.
4. Wagner, H., Rammon, M., Perez, M.G., Quinones, J., Costa-da-Silva, A.L., Bellantuno, A., Malone, S.L., and DeGennaro, M. (2022) Proposal: Addressing mosquito population dynamics in South Florida with geographic distribution and genomic variation analysis using a community-based mosquito surveillance program. Florida Coastal Everglades All Scientist Meeting, Miami, FL. March 2, 2022. Poster.
5. McLeod, G., Malone, S.L. (2022) Proposal: Fire History and Climate Drive Patterns of Post-Fire Recovery in Everglades Upland Ecosystems. Florida Coastal Everglades All Scientist Meeting, Miami, FL. March 2, 2022. Poster.
6. Miguez, A. I., Ali, N., Oli, J., Malone, S.L. (2021) Effectiveness of prescribed burns in controlling invasive species in the Florida Everglades, March 24th, Undergraduate Research Symposium FIU, Virtual Poster Presentation.
7. Gonzalez, B., Ali, N., Oli, J., Malone, S.L. (2021) Monthly Precipitation and Area Burned in Everglades National Park, March 24th, Undergraduate Research Symposium FIU, Virtual Poster Presentation.
8. Chongo, M., Ali, N., Oli, J., Malone, S.L. (2021) Hurricane Irma alters Carbon Fluxes in Freshwater Marsh Ecosystems in the Florida Everglades, March 24th, Undergraduate Research Symposium FIU, Virtual Poster Presentation.
9. Varner, Ruth K; Loescher, Hank W; Bruhwiler, Lori; Burba, George G; Commene, Roisin; Contosta, Alexandra; Crill, Patrick M; Genazzio, Melissa; Goodrich, Jordan P; Malone, Sparkle L (2020) Focusing Research Needs for a Distributed Methane Measurement Infrastructure for the United States, AGU Fall Meeting 2020, Virtual Town Hall
10. Malone, S.L., Oberbauer, S.F., Zhao, J., Starr, G., Staudhammer, C.L. (2020) Carbon uptake efficiency across Everglades wetland ecosystems. American Geophysical Union. Virtual Meeting
11. Lamb-Wotton, L., Ishtiaq, K S., Gann, D., Malone, S.L., Olivas, P.C., Davis III S.E., Rudnick, D., Sklar, F. and Troxler, T. (2020) Using fine-scale variation in ecosystem state parameters to

- evaluate alternate stable states within a salinizing peat marsh in the Florida Coastal Everglades. American Geophysical Union .Virtual Meeting
12. Malone, S.L, Fourqurean, J. (2020) Carbon Fluxes Working Group Update. Florida Coastal Everglades Long-term Ecological Research All Scientist Meeting. December 2-4th, 2020. Virtual Meeting.
 13. Oli, J., Malone, S.L. (2020) Optimizing Fire Regimes in the Everglades Fire Dependent Ecosystem. Florida Coastal Everglades Long-term Ecological Research All Scientist Meeting. December 2-4th, 2020. Virtual Meeting.
 14. Ali, N., Tupaj, M., Oli, J., Malone, S.L. (2020) Changes in Fire Dynamics in the Everglades National Park. Florida Coastal Everglades Long-term Ecological Research All Scientist Meeting. December 2-4th, 2020. Virtual Meeting.
 15. Malone, S., Oberbauer, S.F., Olivas, P.C., Zhao,J., Starr, G. and Staudhammer, C.L. (2020) Carbon uptake efficiency across Everglades wetland ecosystems. Ecological Society of America, Virtual Meeting.
 16. Malone, S., Oberbauer, S.F., Olivas, P.C., Zhao,J., Starr, G. and Staudhammer, C.L.. (2019) Extreme events alter C dynamics across the Florida Everglades. American Geophysical Union, December 8-13th, 2019. San Francisco, CA.
 17. Crème A., Rumpel C., Saby N., Malone, S., Gastal F., Charrier X., Chabbi. Monitoring grassland management effects on soil organic carbon – a matter of scale (2019) SOM2019 Conference, Adelaide, Australia.6 – 11 October 2019.
 18. Crème A., Rumpel C., Saby N. , Malone, S., Gastal F., Charrier X., Chabbi. Monitoring grassland management effects on soil organic carbon. Food security and climate change: 4 per mil initiative, Poitiers, France. June 18th - 20, 2019.
 19. Hu, Teng., Chabbi, A., Malone, S.L. 2019. Comparison of C storage in permanent grassland and crop rotation systems. Food security and climate change: 4 per mil initiative, Poitiers, France. June 18th - 20, 2019.
 20. Malone, S.L., Chabbi, A., Hu, T. 2019. Maximizing C for an uncertain future. Food security and climate change: 4 per mil initiative, Poitiers, France. June 18th - 20, 2019.
 21. Fornwalt, P. J., Battaglia, M.A., Chambers, M.E., Iniguez, J.M., Malone, S.L., Owen, S.M., Sieg, C.H., Ziegler, J.P. (2019) Fine-scale spatial patterns of post-fire tree regeneration in western US ponderosa pine forests. 12th North American Forest Ecology Workshop. June 20-24, 2021, Ontario, Canada.
 22. Malone, S., Oberbauer, S.F., Olivas, P.C., Zhao,J., Starr, G. and Staudhammer, C.L. (2019) Atmospheric Fluxes Working Group Summary. Florida Coastal Everglades Longterm Ecological Research All Scientist Meeting, May 9th, 2019. Miami, FL.
 23. Gregory Starr, Christina L. Staudhammer, Junbin Zhao, Sparkle Malone, Steve Oberbauer (2019). Response of Everglades Freshwater Marshes to Hurricane Irma. NSF, Ecosystem Responses to Hurricanes Synthesis Workshop. Corpus Christie, TX. 28 April - 01 May, 2019.
 24. Malone, Sparkle. (2018) Maximizing Carbon Sequestration for an Uncertain Future. SOERE ACBB Assessment Meeting, October 18-19, Lusignan, France.
 25. Junbin Zhao, Sparkle L Malone, SF Oberbauer, Christine L Staudhammer, Gregory Starr. (2018) A comprehensive understanding of how inundation changes ecosystem CO₂ exchange in a coastal freshwater wetland. American Geophysical Union, Fall Meeting 2018, abstract #B41C-01.
 26. John Hom, NZ Saliendra, SL Malone, R Vargas, MS Patterson (2018) Influences of land use, wind direction and anthropogenic cycles on urban to rural carbon fluxes in the mid-Atlantic region. American Geophysical Union, Fall Meeting 2018, abstract #A53F-05.
 27. Dahlin, K., Zarnetske, P. L., Record, S., Read, Q., Cooper, L. A., Costanza, J. K., Finley, A. O., Gaddis, K., Grady, J., Hobi, M. L., Latimer, A., Malone, S. L., Ollinger, S. V., Pau, S., Wilson, A. (2018) Remotely sensed geodiversity for identifying and predicting biodiverse landscapes. American Geophysical Union, Fall Meeting 2018, abstract #B41L-2886

28. Chambers, M., Fornwalt, P., Redmond, Miranda, Malone, S., Battaglia, M. (2018) Post-fire conifer regeneration on Ponderosa pine forest of the southern Rocky Mountains, USA. Utah State University Forestry Extension Learn at Lunch Webinar, August 28.
29. Record, Sydney., Reed, Quentin D. Zarnetske, Phoebe L., Dahlin, Kyla M., Costanza, Jennifer. Gaddis, K., Grady, J. M., Finley, A. O., Latimer, A. M., Malone, S., Hobi, M. L., Ollinger, S., Pau, S., and Wilson, A.M. The relationship between biodiversity and geodiversity along gradients of geodiversity and anthropogenic stress. Ecological Society of America, August 6-10th, 2018. New Orleans, Louisiana.
30. Zhao, J., Malone, S., Oberbauer, S.F., Starr, G., Staudhammer, C.L. (2018) Prolonged inundation turns a short-hydroperiod freshwater marsh from a CO₂ sink to a source. Ecological Society of America, August 6-10th, 2018. New Orleans, Louisiana.
31. Malone, S.L., Schoettle, A.W., Coop, J. D. (2018) The Future of Subalpine Forests in the Southern Rocky Mountains: Trajectories for *Pinus aristata* Genetic Lineages. Plant Talk, Florida International University, April 25, 2018.
32. Malone, S.L., Oberbauer, S.F., Olivas, P.C., Zhao, J., Starr, G., and Staudhammer, C.L. (2018) Extreme events alter C dynamics across the Florida Everglades. 12th International Symposium on Biogeochemistry of Wetlands, April 23-26, 2018, Coral Springs., FL.
33. Malone, S.L., Fornwalt, P.J., Battaglia, M. A., Chambers, M.E., Iniguez, J.M., Sieg, C. (2017) Mixed-Severity Fire Fosters Heterogeneous Spatial Patterns of Conifer Regeneration in a Dry Conifer Forest. 7th International Fire Ecology and Management Congress Fire Vision 20/20: A 20-Year Reflection and Look into the Future. November 28-December 2, 2017, Orlando, Florida.
34. Kunwor, S., J. Zhao, S.F. Oberbauer, C.L. Staudhammer, S.L. Malone, G. Starr. 2017. Methane and carbon dioxide emission patterns at two freshwater marshes in Everglades National Park. Biofest (Biology Research Colloquium), Department of Biological Sciences, University of Alabama. September 29, Tuscaloosa, AL.
35. Malone, S.L., Tulbure, M.G., Pérez-Luque, A. J., Assal, T., Bremer, L., Drucker, D.P., Hillis, V., Varela, S., Goulden, M. (2017) Detecting drought vulnerability across California ecosystems. Ecological Society of America, 6-11th August, Portland, OR.
36. Record, S., Zarnetske, P.L., Dahlin, K. M., Costanza, J.K. Finley, A.O., Gaddis, K., Grady, J.M., Hobi, M.L., Latimer, A.M., Malone, S.L., Ollinger, S., Pau, S., Read, Q.D., Turner, W., and Wilson, A.M. Connecting biodiversity, geodiversity, and remote sensing across scales. Ecological Society of America, 6-11th August, Portland, OR.
37. Kunwor, S., J. Zhao, S.F. Oberbauer, C.L. Staudhammer, S.L. Malone, G. Starr. 2017. Methane and carbon dioxide emission patterns at two freshwater marshes in Everglades National Park. Florida Coastal Everglades LTER All Scientists Meeting, May 8-9, 2017, Miami, FL.
38. Zhao, J., P. C. Olivas, S. Kunwor, S. L. Malone, C. L. Staudhammer, G. Starr, S. F. Oberbauer 2017. How the seasonal inundation in short-hydroperiod marsh influences the sensible heat flux measured by large aperture scintillometer compared to eddy covariance technique? Florida Coastal Everglades LTER All Scientists Meeting, May 8-9, 2017, Miami, FL.
39. Zhao, J., S.F. Oberbauer, P.C. Olivas, J.L. Schedlbauer, J.G. Moser, and G. Starr. 2017. Photosynthetic activity of C3 and C4 graminoids in response to water table change in a short-hydroperiod wetland of the Florida Everglades. Greater Everglades Ecosystem Restoration (GEER) annual meeting, Coral Springs, Florida April 17-20.
40. Malone, S.L., J. Zhao, C.L. Staudhammer, S.F., Oberbauer, and G. Starr. 2017. Seasonal patterns in energy partitioning of Everglades freshwater marshes. Greater Everglades Ecosystem Restoration (GEER) annual meeting, Coral Springs, Florida April 17-20.
41. Starr, G., Malone, S.L., Staudhammer, C.L., Loescher, H.W., Olivas, P., Oberbauer, S.F., Ryan, M.G., Schedlbauer, J., and Zhao, J. (2017) Seasonal Patterns in Energy Partitioning of Everglades Freshwater Marshes. Greater Everglades Ecosystem Restoration. 17th-20th April, Coral Springs, FL.

42. Hom, J., Saliendra, N., Patterson, M., Vargas, R., and Malone, S.L. (2016) Seasonal Carbon Fluxes and Emissions in Forested Stands and Lawns Along an Urban to Rural Gradient Near the Cub Hill Tower, Baltimore, MD. American Geophysical Union, 12th – 16th, San Francisco, CA.
43. Malone, S.L., Tulbure, M.G., Pérez–Luque, A.J., Ryan, M.G., and Joyce, L. (2016) Monitoring trends in productivity to identify vulnerable ecosystems: measuring ecosystem condition and drought resistance across California ecosystems. American Geophysical Union, 12th – 16th, San Francisco, CA.
44. Kunwor, S., Starr, G., Oberbauer, S.F., Malone, S.L., Staudhammer, C.L. (2016) Parameterization of light and temperature models for two Everglades freshwater marshes. Ecological Society of America, 9th August, Fort Lauderdale FL.
45. Berryman, E.M., Chambers, M., Fornwalt, P.J., Malone, S.L., Battaglia, M.A., Hawbaker, T.J. (2016) Soil respiration and tree regeneration up to two decades after high severity fire in Rocky Mountain ponderosa pine forests. Ecological Society of America, 10th August, Fort Lauderdale FL.
46. Malone, S.L., Staudhammer, C.L., Ryan, M.G., Parton, W. J., Keough, C., Oberbauer, S.F., Olivas, P., Schedlbauer, J.L., Starr, G. (2016) Ecosystem persistence in the face of climate change: A case study from the freshwater marshes of the Florida Everglades. Ecological Society of America, 9th August, Fort Lauderdale FL.
47. Malone, S.L. (2016) Understanding Structure and Function to Manage Resilient Ecosystems. RMRS Leadership Team Meeting. 8th June, Fort Collins, CO.
48. Battaglia, M.A., Smith, F.W., Fornwalt, P.J., Malone, S.L., Chambers, M., Shepperd, W.D., Wudtke, B., Asherin, L. (2016) Forest regeneration and fire in ponderosa pine forests. 2016 Reforestation/TSI USFS Regions 1, 2, 3, and 4 meeting. February.
49. Battaglia, M.A., Fornwalt, P.J., Gannon, B., Brown, P., Hoffman, C., Chambers, M., Cheng, A.S., Malone, S.L. (2016) Front Range Collaborative Forest Landscape Restoration Project: Research efforts, historical reconstruction of forest stand structure, and associated fire behavior. Watershed Wildfire Protection Group, Denver, CO. January.
50. Kunwor, S., Oberbauer, S.F., Staudhammer, C.L., Malone, S.L., and Starr, G. (2016) Variance preserving gap–filling methods for eddy covariance flux data. Florida Coastal Everglades All Scientist Meeting. 14 – 15th January. Miami, Florida.
51. Venkatesan, A., Loescher, H.W., Staudhammer, C.L., Oberbauer, S.F., Malone, S.L., and Starr, G. (2016) Understanding greenhouse carbon balance between long– and short–hydroperiod marshes in the Florida Everglades. Florida Coastal Everglades All Scientist Meeting. 14 – 15th January. Miami, Florida.
52. Malone, S.L., Fornwalt, P.J., Chambers, M.E., and Battaglia, M.A. (2015). Mega–fire recovery in dry conifer forests of the interior West. American Geophysical Union Annual Meeting, San Francisco, CA. 14–18th December.
53. Malone, S.L., Fornwalt, P.J., Chambers, M.E., and Battaglia, M.A. (2015). Tree refugia within megafire perimeters indicate very long recovery times for dry conifer forests of the interior West. Association for Fire Ecology, San Antonio, TX. 16–20th November.
54. Malone, S.L., Schoettle, A.W., and Coop, J. (2015) How will climate alter the distribution of Rocky Mountain bristlecone pine? Whitebark Pine Ecosystem Foundation Annual Meeting, Ashland, OR. 16–20th September.
55. Malone, S.L., Fornwalt, P.J., Chambers, M.E., and Battaglia, M.A. (2015) Interactions between tree refugia and high severity fire patches in dry conifer forests of the Interior West. 100th Ecological Society of America Annual Meeting: Ecological Science at the Frontier. Baltimore, MD, 9–14th August 2015.
56. Fornwalt, P.J., Chambers, M., Battaglia, M.A., Malone, S.L. (2015) Postfire tree regeneration in severely burned ponderosa pine forests of the Central Rockies. 2015 Society of American Foresters National Convention. Baton Rouge, LA, 3– 7th November.

57. Fornwalt, P.J., Chambers, M., Battaglia, M.A., Malone, S.L. (2015) Drivers of postfire tree regeneration following high severity wildfire in Colorado ponderosa pine forests. 10th North American Forest Ecology Workshop. Sustainable Landscapes: From Boreal to Tropical Ecosystems. Veracruz, Mexico 14–18th June.
58. Cummings, J.A., Malone, S.L., Oberbauer, S.F., Olivas, P., and Starr, G. (2015) Longterm research informs carbon source/sink dynamics in Everglades short and long hydroperiod marshes. National Science Foundation Midterm Review. 11– 13th March. Miami, FL. DOI: 10.13140/RG.2.1.5174.9920.
59. Cummings, J.A., Malone, S.L., Oberbauer, S.F., Olivas, P., and Starr, G. (2015) Carbon dynamics in Everglades freshwater marsh ecosystems. National Science Foundation Midterm Review. 11– 13th March. Miami, FL.
60. Malone, S.L., Barr, J., Fuentes, J., Oberbauer, S.F., Olivas, P., Schedlbauer, J., Staudhammer, C.L., and Starr, G. Vulnerability to cold events: implications for CO₂ dynamics in Everglades ecosystems. (2015) Florida Coastal Everglades All Scientist Meeting. 5 – 6th January, 2015. Miami, Florida. DOI:10.13140/RG.2.1.3700.4328.
61. Barr, J.G., Fuentes, J.D., Troxler, T., Gaiser, E., Fourqrean, J., Malone, S.L., Starr, G., Sklar, F., Rudnick, D.T., and Davis, S. (2015) Carbon Cycle Science in the Florida Everglades: Research to Inform Carbon and Water Management. Aquatic Sciences Meeting, 22nd–25th February, 2015. Granada, Spain.
62. Malone, S.L., Keough, C., Staudhammer, C.L., Ryan, M.G., Parton, W.J., and Starr, G. (2014) Ecosystem persistence in the face of climate change.” E. O. Wilson Biodiversity Symposium, University of Alabama, April 22nd – 24th.
63. Malone, S.L., Keough, C., Staudhammer, C.L., Ryan, M.G., Parton, W.J., and Starr, G. (2014) Ecosystem persistence in the face of climate change: A case study from the freshwater marshes of the Florida Everglades. Florida Coastal Everglades All Scientist Meeting, Miami, Florida, March 10–11th.
64. Malone, S.L., Staudhammer, C.L., Oberbauer, S.F., Olivas, P., Ryan, M.G., Schedlbauer, J., Loescher, H.W., and Starr, G. (2014) El Niño Southern Oscillation (ENSO) amplifies precipitation extremes, enhancing CO₂ exchange rates in freshwater marsh ecosystems in the Florida Everglades. Florida Coastal Everglades All Scientist Meeting, Miami, Florida, March 10– 11th.
65. Malone, S.L., Starr, G., Staudhammer, C.L. and Ryan, M.G. (2013) Ecosystem Responses to Simulated Drought in Everglades Short Hydroperiod Freshwater Marshes. Florida Coastal Everglades LTER ALL Scientist Meeting. Miami, FL. March 11th – 12th.
66. Malone, S.L., Staudhammer, C.L., Loescher, H.W., Olivas, P., Oberbauer, S.F., and Starr, G. (2013) Hydrological influences on energy flux components of two freshwater marsh ecosystems in the Florida Everglades. Frontiers in Biology Research Colloquium, Department of Biological Sciences, University of Alabama, Tuscaloosa, AL. March 15th.
67. Malone, S.L., Starr, G. Staudhammer, C.L., Oberbauer, S., and Ryan, M.G. (2012) Effects of simulated drought on physiological activity of Everglades short–hydroperiod marsh. Ecological Society of America Conference, Portland, Oregon, August 5th – 10th.
68. Malone, S.L., Staudhammer, C.L., Kobziar, L., and Abd–Elrahan, A. (2010) Effect of fire size and severity on subsequent fires using differenced normalized burn ratios on the Osceola National Forest. Ecological Society of America Conference. Pittsburg, Pennsylvania, August 1st – 6th.
69. Malone, S.L., Stein, T., Wyman, M., and Johnson, C. (2009). African American Landowner Response to State–Sponsored Wildfire Mitigation Policies, Regulations, and incentives in Florida. World Forestry Congress. Buenos Aires, Argentina, 18– 23rd October.
70. Drake, J., Johnson, E., Patrick, C., Green, I., and Malone, S.L. (2009) Development of a Spatial Model to Assess Ecological Condition and Prioritize Timber and Fuel Treatments for the Osceola

National Forest. Southern Forestry and Natural Resources GIS Conference. Athens, Georgia,
December 7 – 9th.