

JENNIFER R. MARLON

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EDUCATION

- 2009 Ph.D., Geography, Paleoclimatology, University of Oregon
- 2003 M.S., Geography, Paleoecology, University of Oregon
- 1991 B.S., Business Administration, University at Albany, State University of New York

PROFESSIONAL EXPERIENCE

- 2013 – 2022 Senior Research Scientist, Yale School of the Environment; Director of Data Science at the Yale Program on Climate Change Communication; Secondary appointments since 2020 as Lecturer in the School of the Environment and in the Department of Molecular, Cellular and Developmental Biology. Yale University, New Haven, CT
- 2010 – 2012 NSF Earth Sciences Postdoctoral Research Fellow, Dept. of Geography, University of Wisconsin-Madison, WI
- 2009 – 2010 Postdoctoral Research Assoc., Dept. of Political Science, University of Oregon, OR
- 2003 – 2008 Research Assistant, Dept. of Geography, University of Oregon, OR
- 2001 – 2002 Instructor, Geographic Information Systems, Dept. of Geography, University of Oregon
- 1999 – 2000 Project Manager, Broadcast Software International, Eugene, Oregon
- 1995 – 1997 Quality Assurance Manager (CA & NY offices), Electronic Legal Publishing, West Group, San Francisco, CA (managed 40 developers and staff)
- 1994 – 1995 Digital Production Manager (CA), Electronic Legal Publishing, Bancroft-Whitney, San Francisco, CA (managed 6 software engineers)
- 1992 – 1993 Analyst, Sierra Health Services, Las Vegas, NV
- 1991 – 1992 Management Consultant, Ernst & Young, New York, NY

RESEARCH GRANTS & AWARDS

2021 YIBS G. Evelyn Hutchinson Postdoctoral Environmental Fellowship (part of 3-hire cluster focusing on Ecosystem Dynamics in African Savannas).

2020 Frank Prize Finalist for Public Interest Communications: How hope and doubt affect climate change mobilization (\$1,500)

2018 Directorate for Social, Behavioral and Economic Sciences/NSF Award (Co-P.I.): "CNH-L: Volcanism, Hydrology and Social Conflict: Lessons from Hellenistic and Roman-Era Egypt and Mesopotamia" (\$85,244)

2018 Department of Defense, Broad Agency Announcement (BAA) General Coastal Engineering, Coastal Geology, and Dredging Investigations (Subaward): "Communicating sea-level rise risks to US publics in high-risk FEMA flood zones" (\$72,095)

2016 City of Milford Health Department (P.I.): "Medical Reserve Corps Volunteer Survey for Emergency Preparedness" (\$10,000)

2015 - 2017 NSF Award (Co-P.I.): "Collaborative Research: Multi-scale Modeling of Public Perceptions of Heat Wave Risk" (\$223,141)

2014 - 2017 NSF Award (Lead P.I.): "Collaborative Research: Testing hypotheses about fire using paleodata syntheses and fire modeling" (\$114,291)

2014 - 2015 NOAA Award (Lead P.I.): "An audience segmentation analysis of Connecticut coastal residents to support storm preparedness " (\$149,883)

2013 - 2016 NSF Award (Co-P.I.): "Collaborative Research and NEON: MSB Category 2: PaleON – a PaleoEcological Observatory Network to assess terrestrial ecosystem models" (\$98,897)

2010 - 2012 NSF EAR Postdoctoral Fellowship Award: "Understanding the coupled response of vegetation and fire to climatic variation since the Last Glacial Maximum" (\$170,000)

2008 University of Oregon Doctoral Research Fellowship: "Fires of the past: syntheses from sedimentary charcoal data" (\$18,000)

2008 University Scholarship (\$1800)

2007 - 2008 National Science Foundation: Doctoral Dissertation Improvement Grant: "Global fire since the Last Glacial Maximum" (\$7585)

2007 National Science Foundation travel award for early-career scientists to attend the XVII INQUA Congress, Cairns, Australia (\$2300)

2007 Department of Geography Summer Field Work Scholarship (\$500)

2005 - 2006 University Scholarship (\$1800)

2004 AAG Biogeography Specialty Group Award: Best Ph.D. Paper/Poster (\$100)

2004 Department of Geography Travel Award (\$500)

2002 - 2003 University Scholarship (\$1500)

2001 - 2002	University Scholarship (\$2800)
2001	Department of Geography Travel Award (\$500)

PEER-REVIEWED PUBLICATIONS

71. Mildenberger, M., Sahn, A., Miljanich, C., Hummel, M., Lubell, M., Marlon, J.R. (submitted). Risk salience and intertemporal welfare trade-offs in climate policymaking.
70. Marlon, J.R., Wang, X., Bergquist, P., Howe, P., Leiserowitz, A., Maibach, E., Mildenberger, M., Rosenthal, S. (submitted). Change in US state-level public opinion about climate change: 2008-2020.
69. Harrison, S.P., Villegas-Diaz, R., Cruz-Silva, E., Gallagher, D., Kesner, D., Lincoln, P., et al. (2022). The Reading Palaeofire database: an expanded global resource to document changes in fire regimes from sedimentary charcoal records. *Earth System Science Data*, 14(3), 1109-1124.
68. Marlon, J., Neyens, E., Everett-Lane, B., Rosenthal, S., Maibach, E., Leiserowitz, A. (2022). How do climate change views differ by generation? *Generations Journal*.
67. Schoessow, F. S., Li, Y., Marlon, J. R., Leiserowitz, A., & Howe, P. D. (2022). Sociodemographic factors associated with heatwave risk perception in the United States. *Weather, Climate, and Society*. <https://doi.org/10.1175/WCAS-D-21-0104.1>.
66. Carman, J., Rosenthal, S., Marlon, J.R., Leiserowitz, A. (2022). Measuring Americans' support for adapting to 'climate change' or 'extreme weather'. *Environmental Communication*. DOI: [10.1080/17524032.2022.2087709](https://doi.org/10.1080/17524032.2022.2087709). Data: <https://osf.io/qeaws/>.
65. Bergquist, P., Goldberg, M.H., Gustafson, A., Rosenthal, S., Leiserowitz, A., Marlon, J.R. (2022). Information about the human causes of global warming influences causal attribution, concern, and policy support related to global warming. *Thinking & Reasoning*. DOI:10.1080/13546783.2022.2030407.
64. Ballew, M.B., Marlon, J.R., Goldberg, M.H., Maibach, E.W., Rosenthal, S.A., Aiken, E., Leiserowitz, A. (2022). Changing minds about global warming: Predictors of self-reported attitude change in the U.S. *Climatic Change*. DOI: 10.1007/s10584-022-03397-w.
63. Karp, A.T., Faith, J.T., Marlon, J.R., Staver, A.C. (2021). Global response of fire activity to late Quaternary grazer extinctions. *Science* 374 (6571), 1145-1148.
62. Leiserowitz, A., Roser-Renouf, C., Marlon, J.R., Maibach, E. (2021). Global Warming's Six Americas: A review and recommendations for climate change communication. *Current Opinion in Behavioral Sciences* 42, 97-103.
61. Peng, W., Iyer, G., Binsted, M., Marlon, J., Clarke, L., Edmonds, J.A., Victor, D.G. (2021). To achieve deep cuts in US emissions, state-driven policy is only slightly more expensive than nationally uniform policy. *Nature Climate Change* 11 (11), 911-912.
60. Peng, W., Iyer, G., Binsted, M., Marlon, J., Clarke, L., Edmonds, J.A., Victor, D. (2021). The surprisingly inexpensive cost of state-driven emission control strategies. *Nature Climate Change*. DOI: <https://www.nature.com/articles/s41558-021-01128-0>.

59. Marlon, J.R., Wang, X., Mildenerger, M., Bergquist, P., Swain, S., Hayhoe, K., Howe, P.D., Maibach, E., Leiserowitz, A. (2021). Hot dry days increase perceived experience with global warming. *Global Environmental Change*, 68, 102247.
58. Marlon, J.R. (2020). What the past can say about the present and future of fire. *Quaternary Research*, 96, 66-87.
57. Goldberg, M., Marlon, J.R., Wang, X., van der Linden, S., Leiserowitz, A. (2020). Oil and gas companies invest in legislators that vote against the environment. *Proceedings in the National Academy of Sciences*, 117(10), 5111-5112.
56. Gustafson, A., Marlon, J.R., Goldberg, M.H., Wang, X., Ballew, M.B., Rosenthal, S.A., Leiserowitz, A. (2020). Many Americans Support Suing Fossil Fuels Companies for Global Warming Damages. *Environment*, 62(2), 30-35.
55. Han, Y., An, Z., Marlon, J.R., Bradley, R.S., Zhan, C., Arimoto, R., Sun, Y., Zhou, W., Wu, F., Wang, Q., Burr, G.S., Cao, J. (2020). Asian inland wildfires driven by glacial-interglacial climate change. *Proceedings of the National Academy of Sciences*. 117 (10) 5184-5189
<https://doi.org/10.1073/pnas.1822035117>.
54. Ballew, M.T., Leiserowitz, A., Roser-Renouf, C., Rosenthal, S.A., Kotcher, J.E., Marlon, J.R., Lyon, E., Goldberg, M.H., Maibach, E.W. (2019). Climate change in the American mind: Data, tools, and trends. *Environment: Science and Policy for Sustainable Development*, 61(3), 4-18.
53. Buma, B., Harvey, B.J., Gavin, D.G., Kelly, R., Loboda, T., McNeil, B.E., Marlon, J.R., Meddens, A.J.H., Morris, J.L., Raffa, K.F., Shuman, B., Smithwick, E.A.H., McLauchlan, K.K. (2019). The values of linking paleoecological and neoecological perspectives to understand spatially-explicit ecosystem resilience. *Landscape ecology* 34 (1), 17-33. doi: 10.1007/s10980-018-0754-5.
52. Cutler, M. J., Marlon, J., Howe, P., Leiserowitz, A. (2019). 'Is global warming affecting the weather?' Evidence for increased attribution beliefs among coastal versus inland US residents. *Environmental Sociology*, 1-13.
51. Daniau, A-L., Desprat, S., Aleman, J., Naughton, R., Montade, V., Bremond, L., Davis, B., Marlon, J., Marquer, L., Fletcher, W., Morales del Molino, C., Rius, D., Urrego, D.H. (2019). Terrestrial plant microfossils in paleoenvironmental studies, pollen, microcharcoal and phytolith. Towards a comprehensive understanding of vegetation, fire and climate changes over the past one million years. *Revue de micropaléontologie* 63, 1-35. [doi: 10.1016/j.revmic.2019.02.001](https://doi.org/10.1016/j.revmic.2019.02.001).
50. Esplin, E., Marlon, J.R., Leiserowitz, A., Howe, P.D. (2019). Can you take the heat? Heat-induced health symptoms influence protective behaviors. *Weather, Climate, and Society*, 11(2), 401-417.
49. Goldberg, M., Marlon, J.R., Rosenthal, S., Leiserowitz, A. (2019). A Meta-cognitive approach to predicting hurricane evacuation behavior. *Environmental Communication*. doi: 10.1080/17524032.2019.1687100.
48. Holliday, V., Bartlein, P.J., Scott, A.C., Marlon, J.R. (2019). Extraordinary biomass-burning episode and impact winter triggered by the Younger Dryas cosmic impact ~12,800 years ago, Parts 1 and 2: A Discussion. *Journal of Geology*, 128(1), 69-94.
47. Howe, P.D., Marlon, J.R., Mildenerger, M., Shield, B.S. (2019). How will climate change shape climate opinion? *Environmental Research Letters*, 14(11), 113001.
<http://doi.org/10.17605/OSF.IO/UN7ZG>.

46. Howe*, P.D., Marlon*, J.R., Wang, X., Leiserowitz, A. (2019). Public perceptions of the health risks of extreme heat across US states, counties, and neighborhoods. *Proceedings of the National Academy of Sciences*, 116(14), 6743-6748. *Both authors contributed equally.
45. Marlon, J.R., Bloodhart, B., Ballew, M., Rolfe-Redding, J., Leiserowitz, A., Maibach, E. (2019). How hope and doubt affect climate change mobilization. *Frontiers in Communication*. doi: 10.3389/fcomm.2019.00020.
44. Chryst, B., Marlon, J.R., Van der Linden, S., Leiserowitz, A., Maibach, E., Roser-Renouf, C. (2018). Six Americas Short Survey. *Environmental Communication* 12 (8), 1109-1122.
43. Cutler, M., Marlon, J.R., Howe, P., Leiserowitz, A. (2018). The influence of political ideology and socioeconomic vulnerability on perceived health risks of heat waves in the context of climate change. *Weather, Climate and Society* 10(4), 731-746.
42. Fischer, H., Meissner, K.J., Mix, A.C., Abram, N.J., Austermann, J., Brovkin, V., Capron, E., Colombaroli, D., Daniau, A-L., Dyez, K.A., Felis, T., Finkelstein, S.A., Jaccard, S.L., McClymont, E. L., Rovere, A., Sutter, J., Wolff, E.W., Affolter, S., Bakker, P., Ballesteros-Cánovas, J.A., Barbante, C., Caley, T., Carlson, A.E., Churakova, O., Cortese, G., Cumming, B.F., Davis, B.A.S., Vernal, A-D., Emile-Geay, J., Fritz, S.C., Gierz, P., Gottschalk, J., Holloway, M.D., Joos, R., Kucera, M., Loutre, M-F., Lunt, D. J., Marcisz, K., Marlon, J.R., Martinez, P., Masson-Delmotte, V., Nehrbass-Ahles, C., Otto-Bliesner, B., Raible, C.C., Risebrobakken, B., Sánchez Goñi, M.F., Saleem Arrigo, J., Sarnthein, M., Stocker, T.F., Velasquez Álvarez, P.A., Tinner, W., Vogel, H., Wanner, H., Yan, Q., Yu, Z., Ziegler, M., Zhou, L. (2018). Paleoclimate constraints on a future warmer world. *Nature Geoscience*, 1.
41. Leys, B., Marlon, J.R., Umbanhowar, C., Vanniere, B. (2018). Global fire history of grassland biomes. *Ecology and Evolution* 8 (17), 8831-8852.
40. Marlon, J.R., van der Linden, S., Howe, P.D., Leiserowitz, A., Woo, S.H.L., Broad, K. (2018). Detecting local environmental change: The role of experience in shaping risk judgments about global warming. *Journal of Risk Research*, 1-15.
39. Zhang, B., Mildenerger, M., Howe, P.D., Marlon, J.R., Rosenthal S., Leiserowitz A. (2018). Quota sampling using Facebook advertisements can generate nationally representative opinion estimates. *Political Science Research Methods*, doi:10.1017/psrm.2018.49.
38. Zhang B., Mildenerger, M., van der Linden S., Marlon, J.R., Howe, P.D., Leiserowitz A. (2018). Experimental effects of climate messages vary geographically. *Nature Climate Change*, 1.
37. Mildenerger, M., Marlon, J.R., Howe, P.D., Leiserowitz, A. (2017). The spatial distribution of U.S. Republican climate and energy opinions at state and local scales. *Climatic Change*, 145(3-4), 539-548.
36. Manning, J., Stine, A., Boos, W., Sigl, M., Marlon, J.R. (2017). Volcanic forcing triggers revolt and constraints interstate conflict in ancient Egypt. *Nature Communications*, 8.
35. Hawthorne, D., Mustaphi, C.J.C., Aleman, J., Blarquez, O., Colombaroli, D., Daniau, A-L., Marlon, J.R., Power, M., Vanniere, B., Carcaillet, C., Githumbi, E.N., Han, Y., Hantson, S., Kehrwald, N. Magi, B., Marchant, R., Ayodele, O., Muriuki, R., Yue, X. (2017). The modern Global Charcoal Database (mGCD): a tool to examine fire-proxy relationships, emissions, and spatial patterns of biomass burning. *Quaternary International*.
https://doi.org/10.1016/j.quaint.2017.03.046

34. Itter, M., Finley, A.O., Hooten, M.B., Higuera, P.E., Marlon, J.R., Kelly, R., McLachlan, J.S. (2017). A model-based approach to wildland fire reconstruction using sediment charcoal records. *Environmetrics*, 28(7), e2450.
33. Marlon, J.R., Pederson, N., Nolan, C., Goring, S., Shuman, B., Booth, R., Bartlein, P., Berke, M.A., Clifford, M., Cook, E., Dieffenbacher-Krall, A., Dietz, M.C., Hessel, A., Hubeny, J.B., Jackson, S.T., Marsicek, J., McLachlan, J., Mock, C.J., Moore, D.J.P., Nichols, J., Robertson, A., Schaefer, K., Trouet, V., Umbanhowar, C., Williams, J.W., Yu, Z. (2017). Climatic history of the northeastern United States during the past 3000 years. *Climate of the Past*, 13(10), 1355.
32. van Marle, M.J.E., Kloster, S., Magi, B., Marlon, J.R., Daniau, A-L, Field, R.D., Arneth, A., Forrest, M., Hantson, S., Kehrwald, N.M., Knorr, W., Lasslop, G., Li, F., Mangeon, S., Yue, C., Kaiser, J.W., van der Werf, G.R. (2017). Historic global biomass burning emissions based on merging satellite observations with proxies and fire models (1750-2015). *Geoscientific Model Development* 10, 3329-3357. <https://www.geosci-model-dev.net/10/3329/2017/>.
31. Marlon, J.R., Kelly, R., Daniau, A-L., Vanniere, B., Power, M.J., Bartlein, P., Higuera, P., Blarquez, O., Brewer, S., Brucher, T., Feurdean, A., Gil Romera, G., Iglesias, V., Maezumi, Y., Magi, B., Mustaphi, C., Zhihai, T. (2016). Reconstructions of biomass burning from sediment-charcoal records to improve data-model comparisons. *Biogeosciences*, 13, 3225-3244. doi:10.5194/bg-13-3225-2016.
30. Kehrwald, N., Aleman, J. C., Coughlan, M., Mustaphi, C. J. C., Githumbi, E. N., Magi, B. I., Marlon, J.R., Power, M. J. (2016). One thousand years of fires: Integrating proxy and model data, *Frontiers of Biogeography*, 8(1).
29. Mildenerger, M., Howe, P.D., Lachapelle, E., Stokes, L., Marlon, J.R., Gravelle, T.B. (2016). The distribution of climate change public opinion in Canada. *PLoS ONE*, <http://dx.doi.org/10.1371/journal.pone.0159774>.
28. Boslough, M., Nicoll, K., Daulton, T., Scott, A., Claeys, P., Gill, J.L. Marlon, J.R., Bartlein, P.J. (2015). Incomplete Bayesian model rejects contradictory radiocarbon data for being contradictory. *Proceedings of the National Academy of Sciences*, 112(49), E6722-E6722.
27. Howe, P., Mildenerger, M., Marlon J.R., Leiserowitz, A. (2015). Modelling US climate change opinion at state and local scales. *Nature Climate Change*, 5(6), 596-603. doi:10.1038/nclimate2583.
26. Walsh, M., Marlon J.R., Goring, S., Brown, K., Gavin, D. (2015). Climatic and human influences on Holocene fire activity in the Pacific Northwest region of North America. *Annals of the Association of American Geographers*, 105(6), 1135-1157.
25. Williams, A., Mooney, S., Sisson, S., Marlon J.R. (2015). Exploration of the human-fire relationship in Australia over the last 20,000 years. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 432: 49-57.
24. Zennaro, P., Kehrwald, N., Marlon, J.R., Ruddiman, W., Brücher, T., Agostinelli, C., Dahl-Jensen, D., Zangrando, R., Gambaro, A., Barbante, C. (2015) Europe on fire three thousand years ago: Arson or climate? *Geophysical Research Letters*, 42, 5023–2033, doi: [10.1002/2015GL064259](https://doi.org/10.1002/2015GL064259).
23. Blarquez, O., Bartlein, P.J., Vannière B., Marlon J.R., Daniau A. -L., Power M. J., Brewer S., Paleofire: An R package to analyse sedimentary charcoal records from the Global Charcoal Database to reconstruct past biomass burning (2014). *Computers & Geosciences*, 72, 255-261.

22. Brücher, T., Brovkin, V., Kloster, S., Marlon, J.R., Power, M.J., Comparing modelled fire dynamics with charcoal records for the Holocene (2014). *Climate of the Past*, 10, 811-824. doi:10.5194/cp-10-811-2014.
21. McLauchlan, K.K., Higuera, P.E., Gavin, D.G., Perakis, S.P., Mack, M.M., Alexander, H., Battles, J., Biondi, F., Buma, B., Colombaroli, D., Enders, S., Engstrom, D.R., Hu, F.S., Marlon, J.R., Marshall, J., McGlone, M., Morris, J., Nave, L., Shuman, B., Smithwick, E., Urrego, D., Wardle, D., Williams, C., Williams, J.J. (2014). Reconstructing disturbances and their biogeochemical consequences over multiple timescales. *Bioscience*, bit017. doi: 10.1093/biosci/bit017.
20. Zennaro, P., Natalie Kehrwald, N., McConnell, J.R., Schüpbach, S., Maselli, O., Marlon, J.R., Vallelonga, P., Leuenberger, D., Zangrando, R., Spolao, A., Borrotti, M., Barbaro, E., Gambaro, A., Barbante, C. Fire in ice: Two millennia of boreal forest fire history from the Greenland NEEM ice core (2014). *Climate of the Past*, 10(5), 1905.
19. Boslough, M. Nicoll, K., Holliday, V., Daulton, T.L., Meltzer, D., Pinter, N., Scott, A.C., Surovell, T., Claeys, Ph., Gill, J., Paquay, F., Marlon, J., Bartlein, P., Whitlock, C., Grayson, D., Jull, T. (2012). Arguments and Evidence against a Younger Dryas Impact Event. In: Giosan, L., Clift, P., Fuller, D., Flad, R., and Nicoll, K. (eds.) 2013. *Climates, Past Landscapes, and Civilizations*, (Vol. 198), John Wiley & Sons.
18. Daniau, A-L. ,Sánchez Goñi, M.F., Martinez, P., Urrego, D.H., Bout-Roumazeilles, V., Desprat, S., Marlon, J.R. (2013). Orbital-scale climate forcing of grassland burning in southern Africa. *Proceedings of the National Academy of Sciences*, 110(13) doi: 10.1073/pnas.1214292110.
17. Marlon, J.R., Bartlein, P.J., Daniau, A-L., Harrison, S.P., Power, M.J., Tinner, W., Tracy, S. Global biomass burning: A synthesis and review of Holocene paleofire records and their controls (2013). *Quaternary Science Reviews*, 65, 5-25.
16. Quintana Krupinski, N.B., Marlon, J.R., Nishri, A., Street, J.H., Paytan, A., Climatic and human controls on the late Holocene fire history of northern Israel (2013). *Quaternary Research* 80(3) 396–405.
15. Daniau, A.-L., Bartlein, P.J., Harrison, S.P., Prentice, I.C., Brewer, S., Friedlingstein, P., Harrison-Prentice, T.I. , Inoue, J., Marlon, J.R., Mooney, S., Power, M.J., Stevenson, J., Tinner, W., Andrić, M., Atanassova, J., Behling, H., Black, M., Blarquez, O., Brown, K.J., Carcaillet, C., Colhoun, E.A., Colombaroli, D., Davis, B.A.S., D’Costa, D., Dodson, J., Dupont, L., Eshetu, A., Gavin, D.G., Genries, A., Gebru, T., Haberle, S., Hallett, D.J., Horn, S., Hope, G., Katamura, F., Kennedy, L., Kershaw, P., Krivonogov, S., Long, C., Magri, D., Marinova, E., McKenzie, G.M., Moreno, P.I., Moss, P., Neumann, F.H., Norström, E., Paitre, C., Rius, D., Roberts, N., Robinson, G., Sasaki, N., Scott, L., Takahara, H., Terwilliger, V., Thevenon, F., Turner, R.B., Valsecchi, V.G., Vannièrè, B., Walsh, M., Williams, N., Zhang, Y. Predictability of biomass burning in response to climate changes (2012). *Global Biogeochemical Cycles*, 26(4).
14. Gill, J.L., Blois, J.L., Goring, S., Marlon, J.R., Bartlein, P.J., Nicoll, K., Scott, A.C., Whitlock, C., (2012) Paleoecological changes at Lake Cuitzeo were not consistent with an extraterrestrial impact. *Proceedings of the National Academy of Sciences*, 109 (34):E2243-E2243.
13. Goring, S., Williams, J.W., Blois, J.L., Jackson, S.T., Paciorek, C., Booth, R.K., Marlon, J.R., Blaauw, M., Christen, A. (2012). Deposition times in the northeastern United States during the Holocene: establishing valid priors for Bayesian age models. *Quaternary Science Reviews*, 48, 54-60.

12. Han, Y.M., Marlon, J.R., Cao, J.J., Jin, Z.D., An, Z.S. Synchronous variations in soot, char and climate in Asia. (2012). *Global Biogeochemical Cycles*, 26(4) DOI: 10.1029/2011GB004197.
11. Marlon, J.R., Bartlein, P.J., Long, C., Gavin, D.G., Anderson, R.S., Briles, C. Brown, K.J., Colombaroli, D., Hallett, D.J., Power, M.J., Scharf, E.A., Walsh, M.K. A long-term perspective on wildfires in the western U.S. (2012). *Proceedings of the National Academy of Sciences*, 109(9), E535-E543.
10. Power, M.J., Mayle, F., Bartlein, P.J., Marlon, J.R., Anderson, R.S., Behling, H., Brown, K.J., Carcaillet, C., Colombaroli, D., Gavin, D.G., Hallett, D.J., Horn, S.P., Kennedy, L.M., Lane, C., Long, C., Moreno, P.I., Paitre, C., Robinson, G., Taylor, Z., Walsh, M. Biomass burning decline in the Americas after 1500 AD: population collapse or climate change? (2012). *The Holocene*. DOI: 10.1177/0959683612450196.
9. Harrison, S.P., Marlon, J.R. and Bartlein, P.J. (2010). *Fire in the Earth system*. In "Changing Climates, Earth Systems and Society." (J. Dodson, Ed.). International Year of Planet Earth. Springer, Dordrecht, The Netherlands.
8. Power, M. J., Marlon, J.R., Bartlein, P. J., Harrison, S. P. (2010). Fire History and the Global Charcoal Database: A new tool for hypothesis testing and data exploration. *Paleogeography, Paleoclimatology, Paleoecology*, 291(1), 52-59.
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Leiserowitz, A.; Ballew, M.; Lacroix, K.; Marlon, J.; Talaty, U. (2020). Exploring Gender Differences in the American Diet. New Haven, CT: Yale Program on Climate Change Communication.

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- Deeg, K., Leiserowitz, A., Maibach, E., Kotcher, J., Marlon, J.R. (2019). Who is changing their mind about global warming and why? Yale University. New Haven, CT: Yale Program on Climate Change Communication. URL: <https://climatecommunication.yale.edu/publications/who-is-changing-their-mind-about-global-warming-and-why/>
- Ballew, M., Marlon, J.R., Leiserowitz, A., Maibach, E. (2018). Gender Differences in Public Understanding of Climate Change. Yale University. New Haven, CT: Yale Program on Climate Change Communication.
- Ballew, M., Marlon, J.R., Wang, X., Leiserowitz, A., Maibach, E. (2018). Importance of Global Warming as a Voting Issue in the U.S. Depends on Where People Live and What People Have Experienced. Yale University. New Haven, CT: Yale Program on Climate Change Communication.
- Gustafson, A., Goldberg, M., Marlon, J.R. (2018). As Hurricanes Grow More Severe, Many Coastal Residents Remain Unwilling to Evacuate. Yale University. New Haven, CT: Yale Program on Climate Change Communication.
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- Marlon, J., Rosenthal, S., Feinberg, G., Pal, S. and Leiserowitz, A. (2014). Hurricane Perceptions of Coastal Connecticut Residents: October, 2014. Yale University. New Haven, CT: Yale Project on Climate Change Communication.
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- Weiler, C.S., Mitchell, R. and Marlon, J. (2009). DISCCRS IV Symposium Report. Online: http://www.disccrs.org/reports/DISCCRS_IV_Symposium_Report.pdf

- Power, M.J., Marlon, J., Bartlein, P.J., and Harrison, S.P. (2008). Fire in the Earth system: The Global Palaeofire Working Group. Totnes, UK, 22-26 October 2007. Workshop Report. PAGES News 16(1), 39-40.
- Marlon, J. (2003). A meta-analysis of charcoal-based fire history records from the northwestern United States. Thesis, University of Oregon, Eugene, Oregon.
- Whitlock, C., Mohr, J., Minckley, T., and Marlon, J. (2001). Holocene vegetation and fire history from Cedar Lake, northern California. A Final Report for Cooperative Agreement USFS PSW-99-0010CA, Pacific Southwest Research Station, USDA Forest Service, CA.

INVITED PRESENTATIONS

- 2022 National Flood Insurance Program (FEMA), Integrating climate change into agency messaging on disaster preparedness. Jul. 27.
- 2022 Public Voices of the Climate Crisis (Op-Ed), Misperception-based learning about climate change, Jun. 29.
- 2022 Yale Class of 1960 Reunion, Climate change: facts versus fiction, Jun. 2.
- 2022 Yale University-New Asia (YUNA), Climate change & society, Apr. 8.
- 2022 Yale Institute for Biospheric Studies (YIBS), The evolution of Americans' climate opinions over time, Mar. 18.
- 2022 EverestRe (Reinsurance), What climate science can say about extreme weather, Feb. 2.
- 2021 Google, Public views of climate in the Anthropocene, Dec. 16.
- 2021 Egyptology Series, Climate & society in the Hellenistic era, Dec. 16.
- 2021 Institute for Public Research, Public perceptions of climate change, Dec. 2.
- 2021 Laudato Si, Nov. 29. From Climate anxiety to action.
- 2021 Boise State University, Western views of climate change, Nov. 8.
- 2021 Citizens Climate Lobby, Motivating climate action, Nov. 7.
- 2021 Yale University, Architecture, Cartographies of disaster, Oct 20.
- 2021 Southern Oregon Climate Action Network, Difficult climate conversations, June 29.
- 2021 United States Fish & Wildlife Service, Global warming's Six Americas, June 2.
- 2021 University of Wyoming, Climate conversations: challenges and opportunities, June 2.
- 2021 Metropolitan Mayors Caucus, What Mayors need to know about climate, April 20.
- 2021 Sierra Club, Americans' changing opinions of climate change, April 17
- 2021 International Institute of Finance, [Commonsense conversations on climate change](#), April 7
- 2021 University of Montana, Climate conversations: challenges and opportunities March 25.

- 2021 Mark Ashton's class, Wildfire history from paleoecological records March 22.
- 2021 Madison Women's Club, The evolution of Americans' climate views March 9.
- 2021 Climate Access, Climate Change in the American Mind March 16.
- 2020 Global Climate Action Symposium, Ecosystems & Climate, Georgia Tech, Oct. 6.
- 2019 Yale's Gateway to Global Affairs, Public Perception of Climate Change, Nov. 21
- 2019 How to Talk About Climate Change to Your Friends and Family," American Museum of Natural History, NY, USA, Sept. 26 (URL: <https://www.amnh.org/calendar/how-to-talk-about-climate-change>).
- 2019 "Global Perceptions of Climate Change," Heidelberg Laureate Forum. Heidelberg, Germany, Sept. 24 (URL: <https://www.heidelberg-laureate-forum.org/forum/7th-hlf-2019/hot-topic-2019.html>).
- 2018 "Climate Change Communication: Challenges & Opportunities," Guest speaker, American Association of University Women, Essex, CT, USA, Nov. 14.
- 2018 "Talking Climate: Challenges & Opportunities," Keynote for Connecticut Science Teachers Association annual conference, Southbury, CT, USA, Nov. 10.
- 2018 "Climate Change & Extreme Weather," Climate Initiative Coffee Chat, F&ES, New Haven, CT, USA, Nov. 8.
- 2018 "Using the Yale Climate Opinion Maps to Educate Your Decision-Maker", Guest speaker for Citizens Climate Lobby, New Haven, CT, USA, Oct. 18.
- 2018 "Hurricane Attitudes & Risk Perceptions of Coastal Residents," New York Center for Emergency Management, Brooklyn, NY, USA, Oct. 14.
- 2018 "Crisis Communication," Guest lecture, Univ. of Rhode Island, USA, Oct. 4.
- 2018 "Communicating Climate Change," Yale Energy Sciences Institute Symposium, Yale Univ., New Haven, CT, USA, May 23.
- 2018 "Public Perceptions of Climate Change," Climate Literacy & Energy Awareness Network (CLEAN), NOAA, USA, May 15.
- 2018 "Public Understanding of Climate Change," Climate Science & Democracy, Univ. of Chicago, IL, USA, April 26.
- 2018 "Wildfires in a Changing Climate," Guest lecture, Dept. of Ecology & Evolutionary Biology, Yale Univ., New Haven, CT, USA, April 7.
- 2018 "Reconstructions of Fire Activity in North America and Europe over the Past 250 Years: a comparison of the Global Charcoal Database with Historical Records," American Association of Geographers, New Orleans, LA, USA, April.
- 2017 "The Yale Climate Opinion Maps," Keynote for GIS Day, Yale Univ., New Haven, CT, USA, Nov. 15.
- 2017 "Predicting fire outside the range of modern environmental conditions," Fire Prediction Across Scales, Columbia Univ., New York, NY, USA, Oct. 23-25.
- 2017 "Perceived health risks of extreme heat across US states, counties, and neighborhoods," Center for Climate Change Communication, George Mason Univ., Fairfax, VA, USA, Sept. 27 (webinar).
- 2017 "Public Opinions on Climate Change in the US," Dept. of Geosciences, Univ. of Massachusetts, Amherst, MA, USA, Sept. 15.
- 2017 "Climate Change in the American Mind," King School, Stamford, CT, USA, April 18.

- 2017 “Wildfire in a changing climate,” Earth, Environmental, and Planetary Sciences, Brown Univ., Providence, RI, USA, March 2.
- 2016 “Global Syntheses of Charcoal Data,” Early Human Impacts workshop, Venice, Italy, Nov. 24-25.
- 2016 “Climate Change in the American Mind: Communication Challenges and Opportunities.” University of Colorado (class lecture), Oct. 11.
- 2016 “Global Syntheses of Charcoal Data,” PAGES workshop, Bordeaux, France, Sep. 25-30.
- 2016 “Should I stay or should I go? Communicating Risk when the Storm comes” Documentary discussion panel member. Long Beach, NY, July 14.
- 2016 “Effectively Communicating Climate Change to the American Public”. NOAA, Silver Spring, MD, June 2.
- 2016 “Climate Change Communication: Challenges and Opportunities.” Univ. of New Haven, New Haven, CT, April 20.
- 2016 “Safer to Stay, or Safer to Go?” National Hurricane Conference, Orlando, FL, March 24.
- 2016 “Climate Change in the American Mind: Communication Challenges and Opportunities.” NASA Goddard, Greenbelt, MD. Feb. 17.
- 2015 “Multi-decadal to millennial-scale reconstructions of biomass burning and its responses to changes in climate, vegetation, and anthropogenic forcings.” AGU, San Francisco, Dec. 14-18.
- 2015 “Should I stay or should I go? Hurricane perceptions of CT coastal residents.” Sea Grant Assembly – Communications, Mystic, CT, Dec. 2.
- 2015 “Should I stay or should I go? Hurricane perceptions of CT coastal residents.” League of Women Voters, Branford, CT, Nov. 11.
- 2015 “Mapping Climate Conversations” Yale School of Forestry and Environmental Studies, GeoSig guest speaker. New Haven, Nov. 5.
- 2015 “The Global Charcoal Database.” FireMIP Workshop, Garmisch Partenkirshen, Germany, October 28-30.
- 2015 “Climate Change in the American Mind.” Assumption College, Worcester, MA, October 19.
- 2015 “Climate Change in the American Mind.” NAC SETAC Annual Meeting, Freeport, ME, June 11-12, 2015.
- 2015 “Should I Stay or Should I Go?” NOAA Sea Grant Connecticut Congressional Roundtable, Avery Point, CT, July 21.
- 2015 “Hurricane Perceptions of Coastal Connecticut Residents.” Coastal Storm Awareness Program, NOAA Sea Grant Workshop, Newark, NJ, May 26-27.
- 2015 “Fire, Humans, & Climate,” Stonybrook University, NY, May 1.
- 2014 “Wildfire in a Changing Climate,” School of Biology and Ecology / Climate Change Institute, University of Maine, ME.
- 2014 “Climate Change in the American Mind,” School of Biology and Ecology / Climate Change Institute, University of Maine, ME.
- 2014 “Paleofire from Charcoal: State of the Science.” PaleON Workshop, Boulder, CO, June 2-4.
- 2014 “Paleoclimate of the Northeastern US.” PaleON Workshop, Boston, MA, March 7-9.
- 2014 “Response of Biomass Burning to Climate Changes and Human Activities During the Past 12,000 Years in Eastern North America.” Fire Ecology of the Northeast workshop, New Haven, CT, February 20-22.

- 2013 "Climate Change in the American Mind," Peabody Museum Summer Teacher Workshop, New Haven, CT.
- 2013 "Synthesizing Fire History from Charcoal in Lakes, Bogs, and other Sediments," Webinar for Wildfire PIRE, Montana State University, MT.
- 2012 "The Global Charcoal Database: Making Fire From Mud," Paleofire Workshop, Venice, Italy.
- 2012 "The Limits of Experience in Predicting Climate Change Risk Perceptions," Yale Project on Climate Change Communication (YPCCC) Project Meeting, Washington, DC.
- 2012 "Fire History of the Western United States," NSF PROBE Research Coordination Network, Manhattan, KS.
- 2012 "Regional to Global-scale Trends in Fire: A Long-term Perspective," Department of Geography, University of Toronto, Canada.
- 2011 "The Geography of Fire: A Global Paleo Perspective," Department of Earth & Environmental Sciences, Lehigh University, PA.
- 2011 "Biomass Burning During the Last Millennium," PalaeoCarbon Modeling Intercomparison (PCMIP) Workshop, Sydney, Australia.
- 2011 "Sustainable Fire Regimes: Lessons from Paleofire Records," Pyrogeography Working Group 4: Towards Sustainable Fire Regimes, NCEAS, Santa Barbara, CA.
- 2011 "Reconstructing Fire From Sedimentary Charcoal Records," Institute for the Earth Environment, Xi'an, China.
- 2011 "Fire as a Benchmark Dataset", International Union for Quaternary Research, Bern, Switzerland.
- 2010 "The Geography of Fire: A Paleo Perspective", Lamont-Doherty Earth Observatory, NY.
- 2009 "Global Fire History Since the Last Glacial Maximum," Yale Institute for Biospheric Studies, New Haven, CT.
- 2009 "The Geography of Fire," Brown University, Geological Sciences Department, Providence, RI.
- 2009 "Climate and Human Impacts on Biomass Burning During Past Millennia," Past Global Changes (PAGES) Open Science Meeting, Corvallis, OR.
- 2008 "Global Fire History During the Past 21,000 Years," Paleoclimate Modelling Intercomparison Project Phase II Workshop, Estes Park, CO.
- 2007 "The Long-term Fire History of North America," Brown University, Providence, RI.
- 2005 "The Fire History of the Pacific Northwest," Fire History & Climate Synthesis in the Western United States, Flagstaff, AZ.

TEACHING

- Spring 2019-2022 YSE 603, Env. Data Visualization & Communication (co-taught), Yale University, CT
- Spring 2021-2022 Professional Skills Module – Data Visualizations, Yale University, CT
- Fall 2020-2021 MCDB 105, Biology, the World, and Us (co-taught), Yale University, CT
- Fall 2019 F&ES 611, Introduction to Environmental Data Science (co-taught), Yale University, CT
- Summer 2009 Quaternary Ecosys. Science Training, Franche-Comté, France
- Summer 2006 Introduction to Physical Geography (co-taught), University of Oregon
- Summers 01-02 Instructor: Introduction to Geographic Information Systems, University of Oregon

2000 – 2001

Graduate Teaching Fellow for five classes including Geographic Data Analysis, Climatology, Geomorphology, Geographic Information Systems and Biogeography, University of Oregon

RESEARCH SKILLS

Software/Coding: R language, R Markdown, SPSS, SQL, GCP, ArcGIS, Tableau, Datawrapper, OpenRefine, Adobe Illustrator, MSOffice

Labwork: pollen/charcoal microscopy

Fieldwork: Lake sediment coring, Open Water Diver certified (PADI)

SELECTED OUTREACH

- 2022 Interview on Texas flooding and heat waves with KAGS, Bryan, Texas, Sept. 16
Moderator, “The Fight for Climate After COVID-19” with Alice Hill, Sept. 16.
CNN interview with Rachel Rameriz, Northeastern drought, Aug. 21.
Vox News interview with Muiz Akhtar, Extreme weather preparedness, July 8.
<https://www.vox.com/even-better/23196757/summer-disaster-weather-preparation-community-hurricane-wildfire-drought-heatwave-flood>
Panel moderator, Communicating the Financial Risk of Climate Change, Apr. 1.
- 2021 Cheddar News, Hena Doba, Dec. 21.
<https://cheddar.com/media/climate-change-and-its-impact-on-weather-conditions>
Background Briefing, Ian Masters, Climate & weather, Dec. 13.
Christiane Amanpour, CNN, Tornadoes & climate, Dec. 13.
Boston Globe, Tornadoes & climate, Dec. 13.
YCEC/EDSY Moderator for Chris Mooney, Dec. 10.
E360, Jacques Leslie, Climate Science & History, Dec. 9.
BIOMES Discussant, Yale School of the Environment, Sept. 22.
- 2020 New York Times (risk maps), New York, NY. Sept. 16.
KQED (climate denialism), San Francisco, CA. Sept. 18.
Al-Arabiya News Channel (wildfires), Washington, D.C. Bureau. Sept. 17.
CBS Verify (wildfires), Washington, D.C. Bureau, Sept. 16.
Joy Benedict on the California heatwave, CBS 2, Los Angeles. Sept. 4.
Warm Regards Podcast (public opinion), Jacqueline Gill. Sept. 3.
Australian Museum for new Environmental Solutions Center, Tim Flannery et al.. Aug. 25.

- Factcheck.org. Setting the Record Straight on Climate Change and Arson in Australia’s Bushfires. Jan. 17. <https://www.factcheck.org/2020/01/setting-the-record-straight-on-climate-change-and-arson-in-australias-bushfires/>.
- The Human Element. Movie screening panelist. Jan. 22. CT Women’s Consortium.
- Panel Moderator, GIS Day Conference, Keynote with Deidre Dalpiaz Bishop, Chief, Geography Division, United States Census Bureau
- 2019 Panel Moderator, The New Reality of Wildfire in North America, sponsored by Island Press. October 11. Webinar, <https://islandpress.org/videos/webinar-new-reality-wildfire>.
- 2018 Mothers of Invention. Podcast. Jan. 21. Hosted by Mary Robinson, former President of Ireland and author of Climate Justice.
- WSHU Public Radio. Dec. 7. Curbing Climate Change. <http://www.wshu.org/post/curbing-climate-change>. Hosted by Ron Ropiak.
- Medium. Sept 14. The Life-or-Death Science of Evacuation Psychology by Tim McDonnell. <https://medium.com/s/story/why-people-refuse-to-evacuate-hurricane-florence-carolinas-flood-87e921882aea>.
- 2017 The New York Times. December 14. “How Republicans Think About Climate Change — in Maps” by Nadja Popovich and Livia Albeck-Ripka. <https://www.nytimes.com/interactive/2017/12/14/climate/republicans-global-warming-maps.html>.
- HuffPost. August 28. “Hurricane Harvey Is Testing Our Ability To Communicate Natural Disaster Risks” by Chris D’Angelo. https://www.huffingtonpost.com/entry/hurricane-harvey-communication-weather-disasters_us_59a41f8ae4b0821444c4a4ba.
- The New York Times. August 6. “Let Forest Fires Burn? What the Black-Backed Woodpecker Knows” by Justin Gillis. <https://www.nytimes.com/2017/08/06/science/let-forest-fires-burn-what-the-black-backed-woodpecker-knows.html>.
- Hartford Courant. June 4. “Connecticut Faces Changes From Global Warming Regardless of Trump Climate Change Decision” by Gregory Hladky. <http://www.courant.com/news/connecticut/hc-global-warming-hitting-long-island-sound-20170602-story.html>.
- Bloomberg. June 2. “Trump’s Climate View Is Closely Held Secret at Leaky White House” by Jennifer A. Dlouhy and Christopher Flavelle. <https://www.bloomberg.com/news/articles/2017-06-02/trump-s-views-on-climate-change-seem-a-closely-guarded-secret>
- WNYC Radio. March 22. “The Takeaway,” interview.
- 2016 The New York Times. March 21. “How Americans Think About Climate Change — in Six Maps” by By Nadja Popovich and Livia Albeck-Ripka. <https://www.nytimes.com/interactive/2017/03/21/climate/how-americans-think-about-climate-change-in-six-maps.html>

- 2015 NOAA Coastal Storm Awareness Program & Connecticut Sea Grant. July 25. Interview.
- 2013 Fox News. July 10. “Hurricane season and your kids: Why you and your family need an evacuation plan” by Janice Dean.
<http://www.foxnews.com/opinion/2015/07/10/hurricane-season-is-here-why-and-your-family-need-evacuation-plan.html>
- The New York Times. August 29. “The Yosemite Inferno in the Context of Forest Policy, Ecology and Climate Change” by Andrew Revkin.
<https://dotearth.blogs.nytimes.com/2013/08/29/the-yosemite-rim-fire-in-the-context-of-forest-policy-ecology-and-climate-change/>
- 2012 Climate Nexus. June 4. “Current Wildfires: Climate Context”, Webinar.
- Climate Nexus. September 18. “Climate & Wildfires”, Teleconference for the Media.

PROFESSIONAL SERVICE

- 2022 Yale Planetary Solutions Generator Mentor
- 2022 Yale China Mentor
- 2021 NSF Panel Reviewer – Dynamics of Integrated Socio-Environmental Systems (DISES)
- 2021 Yale Institute for Biospheric Studies Donnelly Postdoctoral Fellows Committee
- 2019 - 2021 Yale YSE Research Committee
- 2020 Career award nomination committee. American Quaternary Association (AMQUA)
- 2017 Proposal review panel, 2018 National Oceanic and Atmospheric Administration (NOAA) Climate Program Office (CPO) Sectoral Applications Research Program
- 2016-2019 Member, U.S. National Committee for INQUA, US National Academies of Sciences, Engineering, and Medicine, Board on International Scientific Organizations (BISO).
- 2016-2018 Councilor, Paleobiology, American Quaternary Association (AMQUA)
- 2015-2019 Vice President, INQUA Palaeoclimate Commission (PALCOM)
- 2015 Panelist, Communicating Biogeographic Research: Outreach, the Press and Social Media. April 25, 2015, American Assoc. of Geographers, Chicago, IL
- 2014 Electorate Nominating Committee (ENC) of the Section on Geology & Geography, American Association for the Advancement of Science
- 2013 Mentor, DISsertations initiative for the advancement of Climate Change ReSearch (DISCCRS) VIII Symposium, Colorado Springs, CO
- 2013 Applicant Reviewer: DISsertations initiative for the advancement of Climate Change ReSearch (DISCCRS)
- 2012-2014 Chair, Early Career Research (ECR) Committee of the International Union for Quaternary Research (INQUA)
- 2012 Session Co-Organizer: Fire, Humans & Climate – Untangling relationships, causes and consequences, American Association of Geographers, New York, NY

2011-2015	Co-Secretary, Palaeoclimate Commission (PALCOM) of INQUA
2010-2012	Secretary, Paleoecology Section, Ecological Society of America
2009-2014	Created and maintained websites for DISCCRS, INQUA PALCOMM, INQUA ECR
2009-present	Proposal Reviewer: National Science Foundation; National Geographic; National Oceanic and Atmospheric Administration; Natural Sciences and Engineering Research Council of Canada; National Research Foundation of South Africa
2009	Applicant reviewer: DISsertations initiative for the advancement of Climate Change ReSearch (DISCCRS)
2009-present	Manuscript reviewer for 20+ journals: Annals of the Association of American Geographers, The Anthropocene, The Anthropocene Review, Bulletin of the American Meteorological Society, Climatic Change, Ecography, Environmental Politics, Environmental Research Letters, Forest Ecology and Management, Global Ecology and Biogeography, Geophysical Research Letters, The Holocene, Journal of Biogeography, Journal of Ecology, Journal of Quaternary Science, Journal of Vegetation Science, Nature, Nature Climate Change, Nature Communications, Palaeogeography, Palaeoclimatology, Paleoecology, Proceedings of the National Academy of Science, Quaternary Research, Quaternary Science Reviews, Weather, Climate & Society,
2008	Session Organizer and Chair: “Succeeding as a Biogeographer,” AAG, Boston, MA
2007	Graduate Student Representative: AAG Biogeography Specialty Group
2006-2019	PAGES Global Palaeofire Working Group (GPWG) Steering committee

SYNERGISTIC ACTIVITIES (RECENT)

2020-present	Idaho Climate Literacy Education Engagement & Research (i-CLEER), Executive Committee
2021	Op-Ed Fellow on the Climate Crisis
2020	Connecticut Sea Grant, Advisory Panel
2019-2020	California Air Resources Board (CARB), Science Advisory Panel
2019-present	Co-leader of Yale School of the Environment Data Science Initiative
2020	Co-Organizer, “INV03 - Climate Change and the Coronavirus: Promoting Emerging Leaders Through Crucial Conversations,” American Geophysical Union, 1-17 December
2018-2019	Mentor, Reality of Climate Change Hackathon

ADVISING/MENTORING

Post-graduate (Post-doc)

Nicholas O’Mara, Columbia University, Hutchinson Fellow (Geology/Geochemistry)

Graduate (PhD)

Nicholas O’Mara, Columbia University, PhD External Advisor (Geology/Geochemistry)

Christine Stevenson, Prescott University, PhD External Advisor (Sustainability Education)
Richard Vachula (Brown Univ., 2019), PhD External Advisor (Paleoecology)
Emily Aiken (Univ. of Delaware, 2021), PhD Externship Advisor (Geography)

Graduate (Masters)

Danielle Marquette (Boise State University, Geoscience, MS expected 2022)
Arunima Sircar (Yale SOE, expected 2022), MEd, Thesis Advisor (climate comm.)
Sally Donovan (Yale F&ES, 2020), F&ES Independent study (environmental comm.)
Sophie Robinson (Harvard Extension School, 2019), MS Thesis Advisor (climate comm.)

Undergraduate Thesis

Stella Sekoff (Yale College, 2022), Cognitive Psychology, Senior Thesis (climate comm.)
Nick Begotka (Yale College, 2022), S&DS 491 Senior Thesis (climate comm.)
James Sun (Yale College, 2021), S&DS 491 Senior Thesis (sustainability)
Lauren Kim (Yale College, 2021), EVST Thesis (climate comm.)
Neehaar Gandhi (Yale College, 2021), S&DS/EVST Thesis (climate comm.)
Khaya Klanot (Yale College, 2021), S&DS 491 Senior Thesis (climate comm.)

Supervision & Independent Study Advising

Isobel Campbell (YSE, PhD expected 2022); Lia Eggleston (Yale College '22); Topher Allen (Yale College '25); Nat Markey (Yale College '24); Megan Ayers (PhD, S&DS expected '25); Spencer Blackwood (Yale College '25); Joshua Zeitlin (Yale College '25); Raffaella Sindoni (MEM '23); Nick Begotka (Yale College, '24); Yihan Liu (MPH '23); Katherine Tucker (MEM '22); Benjamin Everett-Lane (EVST '23); Andry Rajaoberison (MEM '19); Pallavi Sherikar (MEM '20); Erik Lyon (MEM '19); Breanne Chryst (PhD, Statistics '18); Shuran Yao (Biostat. '19); Baobao Zhang (PhD, Pol. Sci. '18); Jingxi Chen (Biostat. '18); Swetha Kolluri (MEM '18); Ann Robertson (MEd '17); Lucia Woo (MEd '17)

PROFESSIONAL MEMBERSHIPS

Association of American Geographers (AAG)
American Association for Public Opinion Research (AAPOR)
American Meteorological Society (AMS)
American Geophysical Union (AGU)
American Quaternary Association (AMQUA)
International Union for Quaternary Research (INQUA)