

ILISSA OCKO

CLIMATE SCIENTIST

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SUMMARY

Climate scientist with 15+ years pursuing original, actionable, and accessible scientific research to improve climate change action decision making, and working with scientists, economists, policy experts, governments, companies, non-profits, international organizations, investors, and philanthropies to identify, inform, and implement effective and pragmatic strategies to address climate change over all timescales – focusing on emissions mitigation of non-CO2 climate forcers. Strong communication skills including public speaking, organization of information, and data visualization. Experienced leader and manager of teams, personnel, and projects. Creative and strategic thinker.

EDUCATION

Ph.D. in Atmospheric & Oceanic Sciences, Princeton University	2013
M.A. in Atmospheric & Oceanic Sciences, Princeton University	2010
B.S.E. in Earth System Science & Engineering, magna cum laude, University of Michigan	2008

POSITIONS HELD

Spark Climate Solutions

<u>Senior Climate Scientist</u>	2025—
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Pursue and communicate policy-relevant scientific research relating to non-carbon dioxide climate forcers and in support of scaling up existing emissions mitigation strategies and exploring new solutions.

U.S. Department of State, Office of the Special Presidential Envoy for Climate

<u>Senior Advisor</u>	2024-2025
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Worked on a variety of efforts to accelerate global action to reduce emissions of non-carbon dioxide climate pollutants, including methane, nitrous oxide, tropospheric ozone, F-gases, and hydrogen. Highlights include organizing several events at COP29 and helping shape COP declarations.

Environmental Defense Fund (EDF)

<u>Senior Climate Scientist II</u>	2022-2024
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Continued to lead and grow the climate science team and carry on with responsibilities therein; helped develop a new EDF workstream on hydrogen; led and grew the hydrogen science team in pursuing and communicating policy-relevant science relating to the climate impacts of new hydrogen systems.

<u>Senior Climate Scientist</u>	2019-2022
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Led and grew the climate science team in pursuing policy-relevant scientific research focused on ways to slow down warming; providing guidance for policymakers and business leaders across the globe; working with industry, governments, universities, and NGOs to advance climate actions.

<u>Climate Scientist</u>	2015-2019
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Pursued research on the climate impacts of methane and its mitigation; communicated the science to various stakeholders across the globe.

<u>Kravis Postdoctoral Science Fellow</u>	2014-2015
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Pursued research on short-lived climate pollutant mitigation strategies (with a focus on aerosol emissions from cookstoves) using a variety of metrics and models.

<u>High Meadows Postdoctoral Fellow</u>	2013-2014
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Worked on EDF's long-term climate vision; convened expert workshops on emerging scientific issues (including climate metrics, extreme weather attribution); provided analytical support for EDF's 5-year strategic plan.

ADDITIONAL RESEARCH EXPERIENCE

Princeton University, Department of Atmospheric and Oceanic Sciences

Research Assistant 2012-2013

Studied aerosol radiative forcings and climate responses using climate models with Dr. V Ramaswamy.

NSF Graduate Research Fellow 2009-2012

Studied aerosol radiative forcings and climate responses using climate models with Dr. V Ramaswamy.

AMS Industry/Government Graduate Fellow, NOAA Climate Program Office 2008-2009

Studied the air transport of aerosols to the Arctic with Dr. V Ramaswamy.

University of Michigan, Department of Atmospheric, Oceanic, and Space Sciences

Marian Sarah Parker Scholarship 2007-2008

Analyzed how small-scale atmospheric eddies interact with large-scale circulation with Dr. Christiane Jablonowski.

Research Assistant 2006-2007

Explored the linkage between ozone levels and air flow in northern Michigan with Dr. Mary Anne Carroll.

Field Researcher 2006

Set up instruments to measure atmospheric conditions in Greenland locations with Drs. Perry Samson and Robert Clauer.

University of Michigan, Museum of Paleontology

Undergraduate Research Opportunity Program 2005-2006

Casted models of mastodon skeletons and pieced together excavated tusks with Dr. Daniel C. Fisher

National Oceanic and Atmospheric Administration, Earth System Research Laboratory

Ernest F. Hollings Scholarship 2007

Researched historical air-flow patterns for Arctic locations using air transport models with Taneil Uttal.

University of Michigan Biological Station

Research Experience for Undergraduates 2006

Examined air pollution exposure in Michigan via air transport modeling with Dr. Mary Anne Carroll.

RESEARCH INTERESTS

Non-CO₂ climate forcers (methane, nitrous oxide, tropospheric ozone and its precursors, fluorinated gases, aerosols), short-lived climate forcers, emissions mitigation strategies, net zero, energy transition, economic sector emissions (especially from energy, agriculture, waste), emissions scenarios, climate metrics, climate modeling, radiative forcing, atmospheric chemistry

PROFESSIONAL COMMUNICATIONS EXPERIENCE

Science Graphic Designer

Freelancer 2011—

Develop science infographics for researchers and media outlets. *Select clients:* Stanford University, Princeton University, New York University, National Institute for Environmental Studies – Japan, Climate Central, Weather Underground.

Consultant, University Corporation for Atmospheric Research 2016

Helped develop climate change exhibit at National Center for Atmospheric Research by writing content, developing interactive tools, and designing graphics.

University of Michigan WOLV-TV

Chief Meteorologist 2007-2008

Managed weather anchors of student-run television network news program

Weather Anchor 2006-2008

Forecasted and broadcasted weather on student-run television network news program

CERTIFICATES

Science, Technology, and Environmental Policy Certificate, Princeton School for Public and International and Affairs (Former Woodrow Wilson School) 2012

Co-authored climate change mitigation strategies report for U.S. DOE and EPA, attended 22nd UN Montreal Protocol Meeting, wrote policy memos/reports, researched how climate metrics impact policy

Arctic Climate Change Certificate, Summer School, University Centre in Svalbard 2009

Physics of the Climate System Certificate, Summer School, Utrecht University, the Netherlands 2008

HONORS AND AWARDS

IOP Publishing Top Cited Paper Award 2023

2022 ACP Paul Crutzen Publication Award 2023

TED Countdown Speaker, Edinburgh UK 2021

Barbra Streisand Chair of Environmental Studies, EDF 2018-2024

Finalist, International FameLab Competition, Cheltenham UK 2016

Winner & Audience Favorite, NASA FameLab USA Finals, Washington DC 2016

Winner & Audience Favorite, NASA FameLab USA Semi-Finals, San Francisco CA 2015

Wildcard, NASA FameLab Regional Heat, San Francisco CA 2014

Aspen Ideas Festival Scholar, Aspen Ideas Festival, Aspen CO 2014

Emerging Alumni Scholars Award, Princeton University—given to three graduate students 2013

Award for Outstanding Poster Presentation, World Climate Research Programme 2011

Outstanding Student Poster Presentation, American Meteorological Society (AMS) 2011

National Science Foundation Graduate Research Fellowship 2009-2012

AMS Industry/Government Graduate Fellowship, NOAA Climate Program Office 2008-2009

Order of Omega National Honor Society 2008

First Place Winner, UM Best Student Paper on Environmental Issues & Climate Change 2007

Weather Underground Inc. Scholarship, AOSS Department, Univ. of Michigan 2007

Delta Epsilon Iota Academic Honor Society 2007

Eliza Ann Roark Scholarship, Chi Omega Fraternity, Univ. of Michigan 2006

Marian Sarah Parker Scholarship, College of Engineering, Univ. of Michigan 2006-2008

Ernest F. Hollings Scholarship, National Oceanic and Atmospheric Administration 2006-2008

PUBLICATIONS

Martin, P, IB Ocko, S Esquivel-Elizondo, R Kupers, D Cebon, T Baxter, SP Hamburg, A review of challenges with using the natural gas system for hydrogen, *Energy Science & Engineering*, 12, 10, 3995-4009 (2024)

Sun, T, E Shrestha, SP Hamburg, R Kupers, IB Ocko, Climate Impacts of Hydrogen and Methane Emissions Can Considerably Reduce the Climate Benefits across Key Hydrogen Use Cases and Time Scales, *Environmental Science & Technology*, 58 (2024)

- Esquivel-Elizondo, S, AH Mejia, T Sun, E Shrestha, SP Hamburg, IB Ocko, Wide range in estimates of hydrogen emissions from infrastructure, *Frontiers in Energy Research*, 11 (2023)
- Cohen-Shields, N, T Sun, SP Hamburg, IB Ocko, Distortion of sectoral roles in climate change threatens climate goals, *Frontiers in Climate*, 5:1163557 (2023)
- Ivanovich, CC, T Sun, DR Gordon, IB Ocko, Future Warming from Global Food Consumption, *Nature Climate Change*, 13(3), 1–6 (2023)
- Ocko, IB, S Hamburg, Climate consequences of hydrogen emissions, *Atmospheric Chemistry and Physics*, 22, 9349–9368 (2022) – awarded the ACP Paul Crutzen Publication Award
- Sun, T, IB Ocko, S Hamburg, The value of early methane mitigation in preserving Arctic summer sea ice, *Environmental Research Letters*, 17, 044001 (2022) – received Top Cited Paper Award from IOP Publishing
- MR Allen, GP Peters, KP Shine, C Azar, P Balcombe, O Boucher, M Cain, P Ciais, W Collins, PM Forster, DJ Frame, P Friedlingstein, C Fyson, T Gasser, B Hare, S Jenkins, SP Hamburg, DJA Johansson, J Lynch, A Macey, J Morfeldt, A Nauels, I Ocko, M Oppenheimer, SW Pacala, R Pierrehumbert, J Rogelj, M Schaeffer, CF Schleussner, D Shindell, RB Skeie, SM Smith, K Tanaka, Indicate separate contributions of long-lived and short-lived greenhouse gases in emission targets, *npj Climate and Atmospheric Science*, 5, 5 (2022)
- Sun, T, IB Ocko, E Sturcken, SP Hamburg, Path to net zero is critical to climate outcome, *Scientific Reports*, 11, 22173 (2021)
- Ocko, IB, T Sun, D Shindell, M Oppenheimer, A Hristov, SW Pacala, D Mauzerall, Y Xu, and SP Hamburg: Acting rapidly to deploy readily available methane mitigation measures by sector can immediately slow global warming, *Environmental Research Letters*, 16, 054042 (2021)
- Ivanovich, CC, IB Ocko, P Piris-Cabezas, and A Petsonk: Climate benefits of proposed carbon dioxide mitigation strategies for international shipping and aviation, *Atmospheric Chemistry and Physics*, 19(23), 14949-14965 (2019)
- Ocko, IB, and SP Hamburg: Climate impacts of hydropower: enormous differences among facilities and over time, *Environmental Science & Technology*, 53(23), 14070-14082 (2019)
- Ocko, IB, V Naik, D Paynter: Rapid and reliable assessment of methane impacts on climate, *Atmospheric Chemistry and Physics*, 18, 15555-15568, doi:10.5194/acp-18-15555-2018 (2018)
- Ocko, IB, SP Hamburg, DJ Jacob, DW Keith, NO Keohane, M Oppenheimer, JD Roy-Mayhew, DP Schrag, SW Pacala, Unmask temporal trade-offs in climate policy debates, *Science*, 356, 6337, p.492-493 (2017)
- Ocko, IB, P Ginoux, Comparing multiple model-derived aerosol optical properties to spatially collocated ground-based and satellite measurements, *Atmospheric Chemistry and Physics*, 17, 4451-4475, doi:10.5194/acp-17-4451-2017 (2017)
- Ocko, IB, V Ramaswamy, Y Ming, Contrasting climate responses to the scattering and absorbing features of anthropogenic aerosol forcings, *Journal of Climate*, 27, doi:10.1175/JCLI-D-13-00401.1 (2014)
- Ocko, IB, V Ramaswamy, PA Ginoux, Y Ming, LW Horowitz, Sensitivity of scattering and absorbing aerosol direct radiative forcing to physical climate factors, *Journal of Geophysical Research*, 117, doi:10.1029/2012JD018019 (2012)

PROFESSIONAL SERVICE

Co-chair and co-convenor, Session: Upcoming Climate Change: Insights Into Predictions, Consequences, Extreme Risks, Mitigation, and Adaptation, American Geophysical Union Fall Meeting 2021

Expert Reviewer, IPCC AR6 WGI Chapters 6 and 7 2020

Contributing author, U.S. Global Change Research Program, State of the Carbon Cycle Report, Chapters 3, 17, 18 2017-2018

Advisory Board, American Geophysical Union Sharing Science 2016

Co-chair and co-convenor, Session: Climate Science is a Cross-Disciplinary Challenge, American Geophysical Union Fall Meeting 2015

Reviewer, Climate Feedback 2015—
Review the scientific integrity of climate change media articles

Contributor, More Than Scientists 2015
Contributed several videos on communicating climate change science to the general public

Conference Organizer, High Meadows, Princeton University 2009-2010
Co-organized a daylong environmental sustainability conference for students and public

SELECT PRESENTATIONS, PANELS, BRIEFINGS

Ocko IB, “Enhancing inclusion of super pollutants in NDCs: WHY & HOW,” UNEP Climate and Clean Air Coalition Annual Conference, Brasilia (2025)

Ocko, IB, “Methane Matters,” keynote speaker, Methane Reduction Intensive, Overview Capital, New York Climate Week (2024)

Ocko, IB, “Methane Matters,” presenter, Enteric Fermentation Accelerator Funder Day, Spark Climate Solutions, virtual (2024)

Ocko, IB, “Protecting the Climate Integrity of Hydrogen Systems: From Science to Action,” presenter, American Meteorological Society Annual Meeting (2024)

Ocko, IB, “Identifying the most effective climate actions,” speaker, Project Frame Community Meeting, virtual (2023)

Ocko, IB, “Hydrogen deployment implications for atmospheric methane,” speaker, Atmospheric Methane Removal: Needs, Challenges, and Opportunities, Workshop, National Academy of Sciences, virtual (2023)

Ocko, IB, “Maximizing the climate benefits of hydrogen systems,” speaker, IEPR Commissioner Workshop on the Potential Growth of Hydrogen, California Energy Commission, virtual (2023)

Ocko, IB, “The Role of Methane in Climate Change,” presenter, Environmental Defense Fund, Methane and Health Dialogue Series, virtual (2023)

Ocko, IB, “Maximizing the Climate Benefits of Hydrogen,” presenter, Briefing for U.S. Congress House of Representatives staff, Washington, DC (2023)

Ocko, IB, “Climate consequences of hydrogen emissions: From science to action,” presenter, The Department of Earth, Ocean, and Atmospheric Science, Florida State University, Seminar, virtual (2023)

Ocko, IB, “Hydrogen: Climate risks and rewards”, speaker, Techonomy Climate, Mountain View, CA (2023)

Ocko, IB, “Hydrogen: Climate hope or climate hype?”, speaker, SXSW, Austin, TX (2023)

Ocko, IB, Evidence to Action: Achieving the Net-Zero 2050 Targets, presenter and panelist, Julia-Rabinowitz Center for Public Policy & Finance at Princeton University 11th Annual Conference, Princeton, NJ, virtual (2022)

Ocko, IB, "Global Methane Action: The benefits of doing as much as we can as fast as we can," presenter, Massachusetts Institute of Technology Methane Action Workshop, Cambridge, MA, virtual (2022)

Ocko, IB, Climate Change in New Mexico & Southwest, panelist, New Mexico Climate Summit, Santa Fe, NM, virtual (2021)

Ocko, IB, "The role of methane in slowing down global warming," presenter, 13th Annual Climate Change Forum and Workshop 2021 Low Emissions Pathways, Centre for Environment, Technology and Development, Malaysia (CETDEM), virtual (2021)

Ocko, IB, "The fastest way to slow climate change now," speaker, TED Countdown, Edinburgh UK (2021)

Ocko, IB, Is green hydrogen really carbon-neutral?, panelist, EURACTIV, virtual conference (2021)

Ocko, IB, "Cutting Methane Emissions Quickly Could Slow Climate Warming Rate by 30%," presenter, How cutting methane emissions quickly can slow global warming, European Parliament Intergroup, virtual (2021)

Ocko, IB, Can Hydrogen Unlock the Challenge of Decarbonisation?, panelist, Nesta, United Kingdom, virtual (2021)

Ocko, IB, BRIEFING: METHANE IN THE IPCC REPORT, presenter and panelist, briefing for the media, Climate Nexus, virtual (2021)

Ocko, IB, "Short-lived climate pollutants: The importance of methane," presenter, Move LA Zoomposium Short-Lived Climate Pollutants, virtual (2021)

Hamburg, SP & IB Ocko, "Climate benefits of early methane action," presenter, From Data To Action: The International Methane Emissions Observatory as a catalyst for global methane emissions reduction, United Nations Environment Programme, European Commission, International Energy Agency, virtual (2021)

Ocko, IB, "Climate benefits of achievable and affordable methane mitigation," presenter, Department of Atmospheric Sciences, Texas A&M University, virtual (2021)

Ocko, IB, Moving Forward with Hydropower, panelist, Tufts Energy Conference, Tufts University, virtual (2021)

Ocko, IB, T Sun, D Shindell, M Oppenheimer, A Hristov, SW Pacala, D Mauzerall, Y Xu, and SP Hamburg, "Methane Mitigation: An Achievable and Affordable Lever to Slow the Rate of Climate Change & Limit Peak Warming," presenter, American Geophysical Union Fall Meeting, virtual (2020)

Ocko, IB & SP Hamburg, "Hydropower is not universally low-carbon," presenter, American Geophysical Union Fall Meeting, virtual (2020)

Ocko, IB, "Developing an interactive data visualization tool to inspire climate-related philanthropy," presenter, American Geophysical Union Fall Meeting, virtual (2020)

Ocko, IB, Earth Day Turns 50, panelist, NaplesNEXT Ideas Festival, Naples, FL (2020)

Ocko, IB, "Climate impacts of hydropower: The journey of science research at an advocacy organization," presenter, Department of Earth and Planetary Sciences, Johns Hopkins University, Baltimore, MD (2020)

Ocko, IB & SP Hamburg, "Avoided warming from oil and gas methane mitigation," presenter, Annual Meeting of the American Meteorological Society, Boston, MA (2020)

- Ocko, IB, "100% Clean Energy Economy Act of 2019," presenter, Briefing for U.S. Congress House of Representatives staff, Washington, DC (2019)
- Ocko, IB, Shindell, D, Oppenheimer M, Hristov, A, Pacala, SW, & Hamburg, SP, "Methane mitigation achievable lever to limit warming in near- and long-term," presenter, American Geophysical Union Fall Meeting, Washington, DC (2019)
- Ocko, IB, "Balancing short- and long-lived climate pollutant mitigation: Clearer metrics are critical," presenter, 6th World Congress of Environmental and Resource Economists, Gothenburg, Sweden (2018)
- Ocko, IB, "Methane from Oil & Gas: Serious but solvable," presenter and panelist, Advanced Energy Conference, Sustainable Gas Systems: Public Policies, New York, NY (2018)
- Ocko, IB, "Climate Change Impacts in Africa," presenter, 21st Century Regional Climate in a Warming World, COP-22 Side Event, Marrakesh Morocco, remote (2016)
- Ocko, IB, SP Hamburg, S Pacala, "Balancing short- and long-lived climate pollutant mitigation: Clearer metrics are critical," presenter, American Geophysical Union Fall Meeting, San Francisco, CA (2015)
- Ocko, IB, "How to be more attractive... when communicating science," invited presenter, American Geophysical Union Fall Meeting, San Francisco, CA (2015)
- Ocko, IB, Sharing Science in Plain English, panelist, American Geophysical Union Fall Meeting, San Francisco CA, (2015)
- Ocko, IB, SP Hamburg, S Pacala, "Balancing short- and long-lived climate pollutant mitigation: Clearer metrics are critical," presenter, Our Common Future Under Climate Change, Paris, France (2015)
- Ocko, IV, "Contrasting Climate Responses of Absorbing and Scattering Aerosol Radiative Forcings," presenter, School of Marine and Atmospheric Sciences, Stony Brook University (2015)
- Ocko, IB, "Overview of Intergovernmental Panel on Climate Change 2013/2014 reports," presenter, Wells Fargo, virtual (2014)
- Ocko, IB, V Ramaswamy, "Climate responses to gases and aerosols from 1860 to 2000," presenter, American Geophysical Union Fall Meeting, San Francisco, CA (2012)
- Ocko, IB, V Ramaswamy, "Offsetting roles that black carbon and sulfate play in climate change," presenter, Princeton Graduate Student Symposium, Princeton, NJ (2011)
- Ocko, IB, V Ramaswamy, "Offsetting roles that black carbon and sulfate play in climate change," presenter, World Climate Research Program Open Science Conference, Denver, CO (2011)
- Ocko, IB, V Ramaswamy, "Offsetting and complementary characteristics of sulfate and soot direct radiative forcings," presenter, 90th Annual American Meteorological Society Meeting, Seattle, WA (2011)

COMMUNITY OUTREACH

- Interfaith Families Project of Greater Washington, Continuing Education speaker, Combatting climate change from across the globe to your backyard, March 23 2025
- Ocko, IB, "Climate change: Turning the science into action," speaker, Activision, all-staff event, virtual (2023)
- Cebu Normal University, Climate Literacy Webinar, speaker, Philippines, virtual, May 6 2022

University of South Florida, Patel College of Global Sustainability, Sustainability Speaker Series, speaker, How cutting methane emissions quickly can slow global warming, virtual, February 16 2022

CIVISO: Envirothon, environmentally based multi-level academic competition, Climate change: from science to action, workshop speaker, virtual, September 4 2021

Museum of Science, Boston, Go Carbon Neutral Challenge, judge, virtual, April 2021

Massachusetts Institute of Technology, Tools for Sustainable Design, Fireside Chat, guest speaker, virtual, March 24 2021

University of Chicago, Phoenix Sustainability Initiative, Speaker Series, panelist, virtual, January 20 2021

Loyola Marymount College, Introduction to Environmental Science, Meet a Climate Scientist, guest speaker, virtual, October 15 2020

University of Michigan, Melting Ice Rising Seas Teach-Out, Let's Talk About Climate Change, interview, virtual, February 11 2020

Montgomery College, Frank Islam Athenaeum Symposia speaker, Climate change: What is happening and what can we do about it?, Germantown MD, April 24 2018

St. Paul's School for Girls, Zee Fambrough Science Speaker Series, Climate change and classroom and assembly speaker, Brooklandville MD, March 7 2018

North Carolina State University, How scientists can create better visuals for more effective science communication, Coffee & Viz, training workshop, Raleigh NC, March 1 2018

Science Improv, Climate Change, invited guest speaker, Washington DC, September 15 2017

Washington DC Taste of Science festival, Wait Wait...Global Climate Change?, volunteer content developer, April 28 2017

Climate Corps Professional Development Webinar Series, Climate Change: What The Science Really Says About Skeptic Arguments, invited presenter, April 4 2017

Alpha Kappa Alpha Sorority, Global Climate Change: Causes, Impacts, Solutions, invited speaker, Suitland MD, March 4 2017

Good Climate News (@goodclimatenews twitter account collating positive news about climate change solutions), founder, 2017-2018

Old Bridge Public Library, Inquire Science Series, invited speaker, Old Bridge NJ, July 31 2016

Georgetown University, Mathematics and Climate Change, guest lecturer, July 27 2016

Baba Brinkman's Rap Guide to Climate Chaos, invited talkback guest, Soho Playhouse, New York NY, July 23 2016

The Climate Picture (@theclimatpicture Instagram account with original and educational climate infographics), founder, 2016-2017

UCAR Center for Science Education, Climate Change Exhibit, climate science consultant and science graphic designer, 2016

Ignite Talks, Cooking Shouldn't Kill, San Francisco CA, December 16 2015

Saddle River Day School, School Assembly, invited speaker, Saddle River NJ, December 2 2015

Clearwater's Great Hudson River Revival, Climate Change is here; Climate Change is now, invited speaker, Croton-on-Hudson, NY, June 20-21 2015

Trinity Episcopal, GreenFaith Day, speaking with husband about climate change, April 26 2015

KidSpirit Table Talk, Climate Change: Tending Our Planet, invited panelist, "What we know about the science of climate change," New York, NY, April 19 2015

Miller's Run School, 8th Grade classroom, Teacher Patricia Norsworthy, "Climate Change: Causes, Impacts, Solutions," January 22 2015

American Meteorological Society Student Conference, Annual Meeting, "Experiences Beyond the Classroom," "Getting the word out: Science Policy and Communication," invited panelist, January 3 2015

Rutgers University, SEBS International Programs, Career Panel, invited panelist, November 14 2014

Princeton University, Atmospheric and Oceanic Sciences, Student Seminar, invited speaker, "Bridging Science and Advocacy as a Career," October 23 2014

Watkinson High School, 9th Grade classroom, Teacher Jennifer O'Brien "A young climate scientist's professional journey," February 21 2014

Climate Voices, speaker, 2014-2018

Rutgers University, SEBS International Programs, Career Panel, invited panelist, November 8 2013

SELECT MEDIA ENGAGEMENTS

Print: The New York Times, Washington Post, NPR, CNBC, the Los Angeles Times, Bloomberg, the Financial Times, POLITICO, the Hill, Rolling Stone, Inside Climate News, E&E, Utility Drive, Accuweather, La Vanguardia, Engineering, and more

TV: CBS, PBS Newshour, NowThis News, BNN Bloomberg, Cheddar, Hearst-TV, CNBC, Accuweather, NY Fox 5, DC's Panorama, CUNY TV, Thomson Reuters TV, CTV, Circa, We Don't Have Time

Podcasts: Pod Save the World, Scientific American, A Climate Change with Matt Matern, Delta Dispatches, Climate Curious, The World Bank: Tell Me How, Hydrogen Economist

Radio: NPR The Kojo Nnamdi Show, KPFA Berkeley, Radio-Canada, Mar del Plata National University Radio, VoiceAmerica, KXRY-FM, Radio Free Asia

BLOG POSTS

New research reaffirms hydrogen's impact on the climate, provides consensus, July 19 2023 | Energy Exchange

Climate scientists agree: methane cuts are essential to limit global warming, April 5 2022 | Energy Exchange

For hydrogen to be a climate solution, leaks must be tackled, March 7 2022 | EDF Voices

A climate scientist's top 5 takeaways from the latest IPCC climate report, August 9 2021 | EDF Voices

New IPCC report zeroes in on urgency of reducing methane, August 9 2021 | Energy Exchange

A U.S. economy-wide methane target: essential, achievable, affordable, March 22 2021 | Energy Exchange

What you need to know about hurricanes and climate change, August 27 2020 | Climate411

The coronavirus crisis was already bad. Extreme heat waves are making it worse. July 17 2020 | EDF Voices

5 reasons why your warmer winter is so alarming, February 12 2020 | EDF Voices

Long considered a “clean” energy source, hydropower can actually be bad for climate, November 15 2019 | Energy Exchange

Record-warm oceans: How worried should we be? February 22 2019 | EDF Voices

How can half a degree of warming matter so much? October 18 2018 | EDF Voices

UN Special Report confirms urgent need to reduce methane emissions, October 11 2018 | Energy Exchange

Hansen was right: Marking an anniversary by misleading the public, July 18 2018 | Climate411

Industry-backed white paper low-balls oil & gas methane impact, February 28 2018 | Energy Exchange

New science suggests methane packs more warming power than previously thought, February 7 2018 | Energy Exchange

Natural disasters are no longer purely natural, January 16 2018 | Climate411

It’s now, it’s us, it’s not over – the top 7 takeaways from the new climate change report, November 15 2017 | Climate411

The Clean Power Plan’s enormous climate benefits – in one graphic, October 10 2017 | Climate411

Puerto Rico a tragic reminder of why climate action cannot wait, October 3 2017 | Climate411

As a non-political scientist I don't march – until now, April 25 2017 | EDF Voices

Take these first steps to lower your impact on climate change, April 21 2017 | Climate411

How Do We Know That Humans Are Causing Climate Change? These Nine Lines of Evidence, March 23 2017 | Climate411

Brutal Southeast fire season may not be freak event. That's why taxpayers should care, December 8 2016 | EDF Voices

Climate change is messing with clouds – and it's a really big deal, August 24 2016 | EDF Voices

How Hot It Gets Vs. How Fast: Understanding The Two Kinds Of Climate Pollution, May 17 2016 | EDF Energy Exchange

How Hot It Gets Vs. How Fast: Understanding The Two Kinds Of Climate Pollution, May 16 2016 | Energy Exchange

The Impacts of Climate Change on Human Health – a Sobering New Report, April 5 2016 | Climate411

3 reasons the Zika outbreak may be linked to climate change, February 16 2016 | EDF Voices

Human emissions just cancelled the next ice age. Here's why we should care, February 11 2016 | EDF Voices

Why we can't blame El Niño for the hottest year on record, January 5 2016 | EDF Voices

Scientist fact-checkers join new push to call out climate errors in news media, December 10 2015 | EDF Voices

9 million acres and counting: Will wildfires keep spreading with climate change?, September 30, 2015 | EDF Voices

Why a "Godzilla" El Niño won't end California's drought, August 27 2015 | EDF Voices

Methane and CO2: Why climate action means addressing both, August 12 2015 | EDF Voices

Sobering climate science: Extreme weather on the rise, July 23 2015 | EDF Voices

6 climate tipping points: How worried should we be?, May 28 2015 | EDF Voices

On El Niño, snowballs and real climate science, March 6 2015 | EDF Voices

Giant pandas face greatest threat yet: A hotter world, February 4 2015 | EDF Voices

This is how climate scientists should talk, December 17 2014 | EDF Voices

Climate hope amid melting ice, rising temps, December 10 2014 | EDF Voices

Why California thirsts for rain and the East Coast gets soaked, October 14 2014 | EDF Voices

How scientists linked the California drought to climate change, October 2 2014 | EDF Voices

Why "slowed" global warming is not what it seems, September 16 2014 | EDF Voices

Why those huge craters in Siberia are a climate wake-up call, August 11 2014 | EDF Voices

Why offshore wind energy should be on our radar, August 6 2014 | Global CCS Institute (Decarboni.se)

Moral Optimism of Climate Change, July 23 2014 | Global CCS Institute (Decarboni.se)

Bundle up, the polar vortex returns - but is it climate change?, July 15 2014 | EDF Voices

Taking the Earth's Historical Temperature, July 4 2014 | The Toast

Study: Climate change may push hurricanes farther north, south, June 2 2014 | EDF Voices

Crafting Your Own Visuals for Science Communication: Part I, May 7 2014 | The Plainspoken Scientist

New report: How climate change is impacting where you live, May 6 2014 | EDF Voices

Top takeaways from the latest IPCC report, April 14 2014 | EDF Voices

6 key insights from the latest IPCC climate report, March 31 2014 | EDF Voices

Crafting Your Own Visuals for Science Communication: Part II, May 22 2014 | The Plainspoken Scientist

Four reasons why the climate is still changing, despite the cold, March 18 2014 | EDF Voices

How an EDF scientist explains climate change in 30 seconds, March 13 2014 | EDF Voices

Why your car is covered with an inch of ice, instead of a foot snow!, March 8 2014 | Dan's Wild Wild Science Journal

Slowed global warming? New data suggests otherwise, December 23 2013 | EDF Voices

Geoengineering: A cure worse than the disease?, December 11 2013 | EDF Voices

Disinformation Spreads Confusion about the Reality of Climate Change, October 21 2013 | EDF Voices

New study projects when and where radically warmer temps will hit first, October 11 2013 | EDF Voices

Seven Things You Should Know about the U.N.'s New IPCC Climate Change Report, September 27 2013 | EDF Voices