

Dagomar Degroot

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Email: Dagomar.Degroot@georgetown.edu. Web: DagomarDegroot.com.

Education:

2014 PhD, History. York University.

Dissertation Title: “The Frigid Golden Age: Experiencing Climate Change in the Dutch Republic, 1560-1720.”

Defended with no revisions. Nominated for Faculty of Graduate Studies and American Society for Environmental History (ASEH) awards.

Doctoral Supervisor: Richard C. Hoffmann.

2008 MA, History. McMaster University.

Major Research Paper: “‘Go Raise Hell:’ Prejudice, Ignorance, and the Failures of American Support for the Afghan Mujahedin.”

2007 BA, Joint Honors. History and English, McMaster University.

Professional Appointments:

2024-2025 Baruch S. Blumberg NASA/Library of Congress Chair in Astrobiology, Exploration, and Scientific Innovation, Library of Congress.

2019- Associate Professor of Environmental History, Department of History, Georgetown University.

2015-19 Tenure-track Assistant Professor of Environmental History, Department of History, Georgetown University.

Publications:

Books:

2025 *Ripples on the Cosmic Ocean: A History of People and Environments in the Changing Solar System*. Harvard University Press (US/Canada rights), Viking (UK/Commonwealth rights), Donga M&B (South Korean rights). Forthcoming.

2018 *The Frigid Golden Age: Climate Change, the Little Ice Age, and the Dutch Republic, 1560-1720*. New York: Cambridge University Press, 2018.

One of the ten best history books of 2018, according to the *Financial Times*. Winner of the 2018 Atmospheric Science Librarians International (ASLI) Choice award for best history book related to atmospheric science. Recipient of 20 book reviews as of May 2021, including a featured review in *The American Historical Review* and an H-Environment Roundtable Review.

Edited Books:

- 2028 *The History of Climate and Society: Perspectives on the Past, Forecasts for the Future*. Co-editor, with Timothy Newfield. Cambridge University Press. Prospectus submitted.
- 2028 *Disasters in History*. Co-editor, with Rowan Jackson. Oxford University Press. Chapters being written.
- 2026 *Changing Climates, Changing Histories: Perspectives from the Humanities*. Co-editor, with Timothy Beach. Dumbarton Oaks Publications. Chapters submitted.
- 2025 *The Oxford Handbook of Climate History and Resilience*. Lead editor, with co-editors John R. McNeill and Amy Hessl. Oxford University Press. Chapters revised and prepared for submission.

Peer-Reviewed Journal Articles:

- 2025 Dagomar Degroot, Rachel Singer, Nicholas Gauthier, Sarah Klassen, Marcy Rockman, Pedro Conceicao, and Sam White. “Lessons of the Past: Opportunities and Challenges in Using the Past to Survive the Future.” Initial submission approved by *Nature*. Complete article pending submission.
- 2025 Sam White, Rudolf Brázdil, Siyu Chen, Dominik Collet, **Dagomar Degroot**, Pavel Dolak, Cristian Domínguez-Castro, Stefan Döring, Santiago Gorostiza Langa, Ingar Mørkestøl Gundersen, Katrin Kleemann, Florian Krampe, Nicolas Maughan, Nuno Melo, Barry Molloy, Astrid Elisabeth Ogilvie, Ling Pai, Christian Pfister, Qingpei Qian, Silvija Serafimova, and Diyang Zhang. “Climate, Peace, and Conflict—Past and Present: Bridging Insights from Historical Sciences and Contemporary Research.” *Ambio*. Revised and resubmitted.
- 2025 Dagomar Degroot and Rachel Kase, “The Price of Adaptation: Visualizing Climate Change in the Greenland Sea, 1596-1800.” *Environmental History*. Forthcoming.
- 2024 Patrick Roberts, Victor L Caetano-Andrade, Rachel Rudd, Freg Stokes, Noel Amano, Andrew Dugmore, David Max Findley, Michael Fisher, Laura Pereira Furquim, Michael- Shawn Fletcher, Simon Haberle, Rebecca Hamilton, Deepak Jha, Gopesh Jha, Rahab Kinyanjui, Shira Y Maezumi, Kathy Morrison, Jürgen

Renn, Janelle Stevenson, Ricarda Winkelmann, Michael Ziegler, Verónica Zuccarelli, Vernan Scarborough, Sam White, **Dagomar Degroot**, Adam Green, and Christian Isendahl, “Uncovering the multi-biome environmental and Earth system legacies of past human societies.” *Annual Review of Environment and Resources* 49 (2024). DOI: <https://doi.org/10.1146/annurev-environ-112321-101257>.

- 2023 “One Small Step for Man, One Giant Leap for Moon Microbes? Interpretations of Risk and the Limits of Quarantine in NASA’s Apollo Program.” *Isis* 114:2 (2023): 272-298.

After it was covered in the *New York Times*, this publication received extensive coverage by news media in over fifty publications that focused on its implications for planetary protection and existential risk management.

- 2022 “The History of Climate and Society: A Review of the Influence of Climate Change on the Human Past.” With Kevin Anchukaitis, Jessica Tierney, Felix Riede, Andrea Manica, Emma Moesswilde, and Nicolas Gauthier. *Environmental Research Letters* 17 (2022). DOI: <https://doi.org/10.1088/1748-9326/ac8faa>.

- 2022 “Blood and Bone, Tears and Oil: Climate Change, Whaling, and Conflict in the Seventeenth-Century Arctic.” *American Historical Review* 127:1 (2022). DOI: <https://doi.org/10.1093/ahr/rhac009>.

- 2022 “The 1600 Huaynaputina Eruption as Possible Trigger for Persistent Cooling in the North Atlantic Region.” With Sam White, Eduardo Moreno-Chamarro, Davide Zanchettin, Heli Huhtamaa, Markus Stoffel, and Christophe Corona. *Climate of the Past* 18 (2022), 739–757.

- 2021 “Climate indices in historical climate reconstructions: A global state-of-the-art.” With David J. Nash, George C. D. Adamson, Linden Ashcroft, Martin Bauch, Chantal Camenisch, Joelle Gergis, Thomas Labbé, Kuan-Hui Elaine Lin, Sharon D. Nicholson, Qing Pei, María del Rosario Prieto, Ursula Rack, Facundo Rojas, and Sam White. *Climate of the Past* 17 (2021). DOI: doi.org/10.5194/cp-17-1273-2021.

- 2021 “Towards a Rigorous Understanding of Societal Responses to Climate Change.” Lead author, with Kevin Anchukaitis, Martin Bauch, Jakob Burnham, Fred Carnegie, Jianxin Cui, Kathryn de Luna, Piotr Guzowski, George Hambrecht, Heli Huhtamaa, Adam Izdebski, Katrin Kleemann, Emma Moesswilde, Naresh Neupane, Timothy Newfield, Qing Pei, Elena Xoplaki, Natale Zappia. *Nature* (March 2021). DOI: doi.org/10.1038/s41586-021-03190-2.

This publication received extensive coverage by news media in, for example, Brazil, China, Greece, Poland, the United Kingdom, and the United States. Its methods were called “potentially revolutionary” by *The Lancet*, available at:

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(21\)02281-9/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(21)02281-9/fulltext).

- 2020 “The Textual Record of Climate Change at Sea.” *Environmental History* (2020). DOI: doi.org/10.1093/envhis/ema030.
- 2020 “War of the Whales: Climate Change, Weather, and Arctic Conflict in the Early Seventeenth Century.” *Environment and History* (2020). DOI: doi.org/10.3197/096734019X15463432086801.
- 2018 “Climate Change and Society from the Fifteenth Through the Eighteenth Centuries.” *WIREs Climate Change* Advanced Review (2018). DOI: doi.org/10.1002/wcc.518.
- 2016 “‘A catastrophe happening in front of our very eyes:’ The Environmental History of a Comet Crash on Jupiter.” *Environmental History* 22:1 (2016): 23-49.
- 2015 “‘Les bois engendrent les frimas et les gelées:’ comprendre le climat en Nouvelle-France” With co-author Colin Coates. *Revue d'histoire de l'Amérique française* 68:3-4 (2015): 197-219.
- 2015 “Exploring the North in a Changing Climate: The Little Ice Age and the Journals of Henry Hudson, 1607-1611.” *Journal of Northern Studies* 9:1 (2015): 69-91.
- 2015 “Testing the Limits of Climate History: The Quest for a Northeast Passage During the Little Ice Age, 1594-1597.” *Journal of Interdisciplinary History* XLV:4 (Spring 2015): 459-484.
- 2014 “‘Never such weather known in these seas:’ Climatic Fluctuations and the Anglo-Dutch Wars of the Seventeenth Century, 1652–1674.” *Environment and History* 20.2 (May 2014): 239-273.

Peer-Reviewed Book Chapters:

- 2026 “Introduction.” In *Changing Climates, Changing Histories: Perspectives from the Humanities*. Dumbarton Oaks Publications. Commissioned.
- 2026 “Cities of Ice.” With Jitendra Bisht. In *The Oxford Handbook on Global Urban History*. Edited by Mariana Dantas, Carl Nightingale, and Alexia Yates. Commissioned.
- 2025 “Climate History and Policy Development.” In *Oxford Bibliographies in Environmental History*. Edited by Lisa Brady. Submitted.
- 2025 “Climate and Environmental Science: Human Interactions with Nature.” With Joshua MacFadyen. In *The Oxford Handbook of the Spatial Humanities*. Edited

by John Corrigan and Andrew Gardner. Submitted.

- 2025 “Introduction,” “Conclusion,” and “Whales and Whalers in the Seventeenth-Century Greenland Sea.” In *The Oxford Handbook of Climate History and Resilience*. Submitted.
- 2025 “Moon-Blink: Project Alphonse and the Apollo-Era Quest to Exploit a Changing Moon.” *NASA and the Environment*. Edited by Brian Odom and Neil Maher. Submitted.
- 2025 “War and the Environment, 1450-1650.” With John R. McNeill. In *A Cultural History of Environment*. Edited by Greg Bankoff and Stephen Mosley. Oxford: Berg Publishers. Forthcoming.
- 2025 “War and the Environment.” In *A Cultural History of War in the Renaissance: 1450-1650*. Edited by Kaushik Roy. London: Bloomsbury Publishing. Forthcoming.
- 2021 “The Climate History of North America.” In *Climate and American Literature*. Cambridge: Cambridge University Press.
- 2018 “Climate Change and Conflict.” In *The Palgrave Handbook of Climate History*. Edited by Christian Pfister, Franz Mauelshagen, and Sam White. Basingstoke: Palgrave Macmillan.

Book Reviews:

- 2025 Pierre Sokolsky, *The Clock in the Sun: How We Came to Understand Our Nearest Star*. New York: Columbia University Press, 2024. H-Environment. Commissioned.
- 2025 David P.D. Munns and Kärin Nickelsen, *Far Beyond the Moon: A History of Life Support Systems in the Space Age*. Pittsburgh: Pittsburgh University Press, 2021. *Journal for the History of Astronomy*. Commissioned.
- 2025 Essay review of Philip Blom, *Nature’s Mutiny: How the Little Ice Age of the Long Seventeenth Century Transformed the West and Shaped the Present*. Norton, 2020. Benjamin Lieberman and Elizabeth Gordon, *Climate Change in Human History Prehistory to the Present, 2nd Edition*. Bloomsbury, 2022. Peter Frankopan, *The Earth Transformed: An Untold History*. Knopf, 2023. Michael E. Mann, *Our Fragile Moment: How Lessons from Earth’s Past Can Help Us Survive the Climate Crisis*. Public Affairs, 2023. *Historical Studies in the Natural Sciences*. Commissioned.

- 2025 Matthew Shindell, *For the Love of Mars: A Human History of the Red Planet*. Chicago: University of Chicago Press, 2023. *British Journal for the History of Science*. Commissioned.
- 2023 Jacob Haqq-Misra, *Sovereign Mars: Transforming Our Values through Space Settlement*. Kansas City: University Press of Kansas, 2022. *H-Sci-Med-Tech*.
- 2023 Stephen Pyne, *The Pyrocene: How We Created an Age of Fire, and What Happens Next*. Berkeley: University of California Press, 2021. *Environmental History*.
- 2023 With Timothy Newfield. Peter Frankopan, *The Earth Transformed: An Untold History*. London: Penguin, 2023. *Science*.
- 2023 Christian Pfister and Heinz Wanner, *Climate and Society in Europe: The Last Thousand Years*. Bern: Haupt Verlag, 2021. *HSozKult* and *InfoClio.ch*.
- 2021 Emmanuel Kreike, *Scorched Earth: Environmental Warfare as a Crime against Humanity and Nature*. Princeton: Princeton University Press, 2021. *Journal of Interdisciplinary History*.
- 2021 Lydia Barnett, *After the Flood: Imagining the Global Environment in Early Modern Europe*. Washington, DC: Johns Hopkins University Press, 2019. *Renaissance Quarterly*.
- 2020 Paul Warde, *The Invention of Sustainability: Nature and Destiny 1500-1870*. Cambridge: Cambridge University Press, 2018. *Metascience*.
- 2020 Deborah R. Coen, *Climate in Motion: Science, Empire, and the Problem of Scale*. Chicago: University of Chicago Press, 2018. *Journal of Modern History*.
- 2019 Kyle Harper, *The Fate of Rome: Climate, Disease, and the End of an Empire*. Princeton: Princeton University Press, 2017. *Journal of Late Antiquity*.
- 2019 Simone Torchetti, *Greening the Alliance: The Diplomacy of NATO's Science and Environmental Initiatives*. Chicago: University of Chicago Press, 2018. *Science*.
- 2018 Benjamin Lieberman and Elizabeth Gordon, *Climate Change in Human History: Prehistory to the Present*. New York: Bloomsbury, 2018. *Journal of Interdisciplinary History*.
- 2018 Neil M. Maher, *Apollo in the Age of Aquarius*. Cambridge: Harvard University Press, 2017. *Canadian Journal of History*.
- 2018 David A. Rothery, *Moons: A Very Short Introduction*. Oxford: Oxford University Press, 2015. Katherine Blundell, *Black Holes: A Very Short Introduction*. Oxford:

Oxford University Press, 2016. *H-Net Reviews*. Available from: <https://networks.h-net.org/node/9782/reviews/2007941/degroot-blundell-black-holes-very-short-introduction-and-rothery>.

- 2017 Joshua P. Howe, *Behind the Curve: Science and the Politics of Global Warming*. Seattle: University of Washington Press, 2014. *Environmental History* 23:1 (2018): 206–208.
- 2016 Essay review of *Climate, Science, and Colonization: Histories from Australia and New Zealand*, ed. James Beattie, Emily O’Gorman, and Matthew Henry; *Climate Change and the Course of Global History: A Rough Journey*, John L. Brooke; *Sea of Storms: A History of Hurricanes in the Greater Caribbean from Columbus to Katrina*, Stuart B. Schwartz. *The Journal of World History* 27:1 (2016): 161-168.
- 2014 Parker, Geoffrey. *Global Crisis: War, Climate Change and Catastrophe in the Seventeenth Century*. New Haven: Yale University Press, 2013. *E-International Relations*. Available from: <http://www.e-ir.info/2014/12/12/review-global-crisis-war-climate-change-catastrophe-in-the-17th-century>.

Selected Public and Policy Publications:

- 2024 With Erik Patton and Antonio Salinas. “Fremen Stillsuits and Heated Bubble Gyms: Preparing the Army to Fight and Win on a Rapidly Warming Battlefield.” Modern War Institute. Available at: <https://mwi.westpoint.edu/fremen-stillsuits-and-heated-bubble-gyms-preparing-the-army-to-fight-and-win-on-a-rapidly-warming-battlefield>.
- 2023 With Meghan Chapple. “Confronting the Climate Crisis at GU.” *The Hoya*. Available from: <https://thehoya.com/viewpoint-confronting-the-climate-crisis-at-gu>.
- 2023 “Little Ice Age.” *New Amsterdam Yesterday & Today*, 6:2 (Spring 2023). Available from: <https://newamsterdamhistorycenter.org/2023/03/20/little-ice-age>.
- 2022 “Spotlight 1.1. Beyond Crisis and Collapse: Climate Change in Human History.” *UN Human Development Report 2021/2022: Uncertain Times, Unsettled Lives: Shaping our Future in a Transforming World*. UNDP. Available from: https://hdr.undp.org/system/files/documents/global-report-document/hdr2021-22pdf_1.pdf.
- This report has been downloaded over one million times as of April 2023.
- 2022 “Writing About Climate Change, Whaling, and Conflict in the Seventeenth Century Arctic.” *The Otter*, blog of the Network in Canadian History and Environment (NiCHE). Available from: <https://niche->

canada.org/2022/08/30/writing-about-climate-change-whaling-and-conflict-in-the-seventeenth-century-arctic.

- 2022 “Painting Climate Change in the Seventeenth Century.” *National Gallery of Art Blog*. Available from: <https://www.nga.gov/blog/painting-climate-change-in-the-17th-century.html>.
- 2021 “Our planet is not doomed. That means we can, and must, act.” *Washington Post*. Available from: <https://www.washingtonpost.com/opinions/2021/10/07/our-planet-is-not-doomed-that-means-we-can-must-act>.
- 2021 “Climate History, the History of Science, and the Climate Crisis.” *Active History*. Available from: <https://activehistory.ca/2021/09/climate-history-the-history-of-science-and-the-climate-crisis>.
- 2021 “Small climate changes Can Have Devastating Local Consequences – It Happened in the Little Ice Age.” *The Conversation*. Available from: https://theconversation.com/small-climate-changes-can-have-devastating-local-consequences-it-happened-in-the-little-ice-age-164916?fbclid=IwAR1U5VETCyFlxsWvFxY0wQhV188FLMFrpbYwsxgWWwCN_2Mg9GxxgxtOFv4. Widely syndicated, including translation into Danish for *Videnskab.dk*: <https://videnskab.dk/forskerzonen/naturvidenskab/selv-smaa-klimaforandringer-kan-have-katastrofale-lokale-konsekvenser-det-skete-i-den>.
- 2021 “Conflict and Climate Change in the Arctic: What the Seventeenth Century Suggests About the Future.” *On History*. Available from: <https://blog.history.ac.uk/2021/04/conflict-and-climate-change-in-the-arctic-what-the-seventeenth-century-suggests-about-the-future>.
- 2020 “A Lunar Pandemic.” *Aeon Magazine*. Available from: <https://aeon.co/essays/what-can-we-learn-from-the-lunar-pandemic-that-never-was>.
- 2020 “Understanding Resilience in the History of Climate Change.” *Not Even Past*. Available from: <https://notevenpast.org/understanding-resilience-in-the-history-of-climate-change>.
- 2020 With Emma Moesswilde. “Can Voting Stop Global Warming?”. *AHA Perspectives*. Available from: <https://www.historians.org/publications-and-directories/perspectives-on-history/september-2020/can-voting-stop-global-warming-what-americans-need-to-know-about-the-history-of-climate-change>.
- 2020 “Advocates for Space Should be Advocates for Justice on Earth.” *Georgetown Space Initiative*. Available at: <https://www.gospaceinitiative.org/contentmaster/advocates-for-space-should-be-advocates-for-justice-on-earth>.

- 2019 “Little Ice Age Lessons.” *Aeon Magazine* (Editor’s Choice). Available from: <https://aeon.co/essays/the-little-ice-age-is-a-history-of-resilience-and-surprises>.
- 2019 “Did European colonisation precipitate the Little Ice Age?”. *Aeon Magazine* (Editor’s Choice). Available from: <https://aeon.co/ideas/did-european-colonisation-precipitate-the-little-ice-age>.
- 2019 “History for the Future? What the Past Reveals About the Warming Arctic.” White Horse Press. Available from: <https://whitehorsepress.blog/2019/02/12/history-for-the-future-what-the-past-reveals-about-the-warming-arctic>.
- 2019 “Response by Dagomar Degroot.” H-Environment Roundtable Reviews. Available from: <https://networks.h-net.org/system/files/contributed-files/env-roundtable-8-6.pdf>.
- 2018 “Water, Climate Change, and the Dutch Golden Age.” *Europe Now*, publication of the Council for European Studies, Columbia University.
- 2018 “From the Canals of the Netherlands to the Canals of Mars: Experiencing Environmental History.” *The Otter*, blog of the Network in Canadian History and Environment (NiCHE). Available from: <http://niche-canada.org/2018/07/31/from-the-canals-of-the-netherlands-to-the-canals-of-mars-experiencing-environmental-history>.
- 2018 “Some societies flourished in the Little Ice Age. There are lessons for us now.” *Washington Post*. Available from: https://www.washingtonpost.com/national/health-science/some-places-flourished-in-the-little-ice-age-there-are-lessons-for-us-now/2018/02/16/455fb2d8-0c25-11e8-8b0d-891602206fb7_story.html?utm_term=.4d9119bd1a17.
- 2018 “The Little Ice Age: Climate and Society in the 15th through 18th Centuries.” *Advanced Science News*. Available from: <https://www.advancedsciencenews.com/the-little-ice-age-climate-and-society-in-the-15th-through-18th-centuries>.
- 2017 “How a comet crash on Jupiter may lead us to mine asteroids near Earth.” *OUPBlog*, blog of Oxford University Press. Available from: <https://blog.oup.com/2017/01/comet-crash-jupiter>.
- 2015 “Towards a Climate History of the Solar System.” *The Otter*, blog of NiCHE. Available from: <http://niche-canada.org/2015/04/02/towards-a-climate-history-of-the-solar-system>.

- 2014 “How Should We Measure Climate Change? What the Past Can Tell Us.” *Active History*. Available from: <http://activehistory.ca/2014/10/how-should-we-measure-climate-change-what-the-past-can-tell-us>.
- 2014 “Does Climate Change Cause Social Crisis?” *The Otter*, blog of NiCHE. Available from: <http://niche-canada.org/2014/03/26/does-climate-change-cause-social-crisis>.
- 2014 “Reconstructing the Future: Understanding Toronto’s Wild Weather of 2013.” *Active History*. Available from: <http://activehistory.ca/2014/01/reconstructing-the-future-understanding-torontos-wild-weather-of-2014>.
- 2013 “Northern Nations, Northern Natures: Alliteration and the Arctic in Stockholm.” *The Otter*, blog of NiCHE. Available from: <http://niche-canada.org/2013/11/18/northern-nations-northern-natures-alliteration-and-the-arctic>.
- 2013 “Understanding the IPCC’s Fifth Assessment Report: The Perspective of a Climate Historian.” *Active History*. Available from: <http://activehistory.ca/2013/10/understanding-the-ipccs-fifth-assessment-report-from-the-perspective-of-a-climate-historian>.
- 2013 “There and Back Again: A Canadian Environmental Historian goes to India.” *The Otter*, blog of NiCHE. Available from: <http://niche-canada.org/2013/03/11/there-and-back-again-a-canadian-environmental-historian-goes-to-india>.
- 2012 “Hurricane Sandy: A Teachable Moment.” *Active History*. Available from: <http://activehistory.ca/2012/10/hurricane-sandy-a-teachable-moment>.
- 2012 “The Historical Roots of Today’s Climate of Apathy.” *Active History*. Available from: <http://activehistory.ca/2012/10/the-historical-roots-of-todays-climate-of-apaty>.
- 2012 “Cheering for Global Warming: what Europe’s Climatic Past can tell us about our Attitudes Today.” *Active History*. Available from: <http://activehistory.ca/2012/04/cheering-for-global-warming-what-europes-climatic-past-can-tell-us-about-our-attitudes-today>.
- 2011 “Little Ice Age” in *Climate Change: An Encyclopaedia of Science and History*. Brian Black et al. (Editors). Santa Barbara: ABC CLIO, 2012.
- 2011 “Historians, Global Warming, and the Mapping of Humanity’s Future,” *Active History*. Available from: <http://activehistory.ca/2011/09/historians-global-warming-and-the-mapping-of-humanity-s-future>.

2011 “Historians and Global Warming,” *Active History*. Available from: <http://activehistory.ca/2011/03/historians-and-global-warming>.

Selected Articles at HistoricalClimatology.com:

2022 “Is Climate Change Influencing the Invasion of Ukraine? Possible Connections Echo Little Ice Age Histories. Available from: <https://www.historicalclimatology.com/features/is-climate-change-influencing-the-invasion-of-ukraine-possible-connections-echo-little-ice-age-histories>.

2021 “Little Ice Age Lessons: Towards a New Climate History.” Available from: <https://www.historicalclimatology.com/features/little-ice-age-lessons-towards-a-new-climate-history>.

2019 “Did Colonialism Cause Global Cooling? Revisiting an Old Controversy.” Available from: <https://www.historicalclimatology.com/blog/did-colonialism-cause-global-cooling-revisiting-an-old-controversy>.

2018 “Is There a Better Way to Do Climate History? Testing a Quantitative Approach.” Available from: <https://www.historicalclimatology.com/blog/is-there-a-better-way-to-do-climate-history-testing-a-quantitative-approach>.

2018 “Introducing the Tipping Points Project.” Available from: <https://www.historicalclimatology.com/blog/introducing-the-tipping-points-project>.

2018 “A Frigid Golden Age: Can the Society of Rembrandt and Vermeer Teach Us About Global Warming?” Available from: <https://www.historicalclimatology.com/blog/a-frigid-golden-age-can-the-society-of-rembrandt-and-vermeer-teach-us-about-global-warming>.

2017 “Will Climate Change Cause Conflict in the Arctic? Searching for Answers in the Past.” Available from: <http://www.historicalclimatology.com/blog/will-climate-change-cause-conflict-in-the-arctic-searching-for-answers-in-the-past>.

2016 “Volcanoes, Comet Crashes, and Changes in the Sun: How Sixth-Century Cooling Transformed the World.” Available from: <http://www.historicalclimatology.com/blog/volcanoes-comet-crashes-and-changes-in-the-sun-how-sixth-century-cooling-transformed-the-world>.

2016 “What was the Maunder Minimum? New Perspectives on an Old Question.” Available from: <http://www.historicalclimatology.com/blog/what-was-the-maunder-minimum-new-perspectives-on-an-old-question>.

- 2016 “Growing Climate History Online: Past, Present, and Future.” Available from: <http://www.historicalclimatology.com/blog/changes-at-historicalclimatologycom-and-the-climate-history-network>.
- 2016 “Did the Spanish Empire Change Earth’s Climate?” Available from: <http://www.historicalclimatology.com/blog/-did-human-brutality-trigger-preindustrial-climate-change>.
- 2015 “Assessing the Future During COP21.” Available from: <http://www.historicalclimatology.com/blog/assessing-the-future-during-cop21>.
- 2015 “Lessons from the Storm that Wasn’t.” Available from: <http://www.historicalclimatology.com/blog/lessons-from-the-storm-that-wasnt>.
- 2015 “Whatever Happened to the Global Warming Pause?” Available from: <http://www.historicalclimatology.com/blog/september-02nd-2015>.
- 2015 “Is Climate Change Behind the Syrian Civil War?” Available from: <http://www.historicalclimatology.com/blog/is-climate-change-behind-the-syrian-civil-war>.

Awards and Honors:

- 2024 Green Commons Award, Earth Commons. \$1,824.
- 2024 Baruch S. Blumberg NASA/Library of Congress Chair in Astrobiology, Exploration, and Scientific Innovation, Library of Congress. \$165,000.
- 2024 Collaborator for Academy Project Funding, Scientific Council for Social Sciences and Humanities. \$500,000.
- 2022 ECo Impact Award, Earth Commons. With co-applicant John McNeill. \$25,000.
- 2022 Eco Impact Award, Earth Commons. With co-applicants Sarah Stewart Johnson, Bill Diamond, and Jonathon Keats. \$25,000, supplemented with \$75,000 from the SETI Institute.
- 2022 NASA District of Columbia Space Grant Consortium. With co-applicants Brian Odom and Neil Maher. \$30,000.
- 2021 Annual Research Grant, Georgetown University. \$6,129.
- 2021 Pilot Research Project Grant, Georgetown University. With co-applicant John McNeill. \$11,964.

- 2019 Georgetown Humanities Initiative Incubator Grant, Georgetown University. With co-applicants Kathryn de Luna, Tim Newfield, and John McNeill. \$20,000.
- 2018 Georgetown Environment Initiative (GEI) Impact Award, Georgetown University, \$7,000.
- 2018 Spring Competitive Grant-in-Aid, Georgetown University. \$1,812.
- 2016 Georgetown Environment Initiative (GEI) Impact Award, Georgetown University, \$8,500.
- 2016 Pilot Research Project Grant, Georgetown University, \$11,000.
- 2015 Georgetown Environment Initiative (GEI) Impact Award, Georgetown University, \$13,000.
- 2015 Research Infrastructure Award, Georgetown University. \$6,500.
- 2015 Fall Competitive Grant-in-Aid, Georgetown University. \$1,415.
- 2015 St. Andrews Article Prize in European Environmental History, awarded by the European Society for Environmental History (ESEH) to the best article in European environmental history published in 2013 and 2014. For “‘Never such weather known in these seas:’ Climatic Fluctuations and the Anglo-Dutch Wars of the Seventeenth Century, 1652–1674.” *Environment and History* 20.2 (May 2014): 239-273.
- 2015 Travel grant to attend and present a paper at the European Society for Environmental History (ESEH) biannual conference, Versailles, France. ESEH. \$300.
- 2014 Travel grant to attend and present a paper at the annual conference of the ASEH, Washington, USA. ASEH. \$500.
- 2014-16 Social Sciences and Humanities Research Council (SSHRC) Postdoctoral Fellowship. \$81,000. Declined second year.
- 2014 Traditional Fulbright Scholar Award. \$12,500 (declined).
- 2014 Travel grant to contribute to the Paleoecology of Subarctic Seas Working Group at the Ecosystem Studies of Subarctic Seas (ESSAS) Annual Meeting in Copenhagen, Denmark. National Science Foundation (NSF). \$1,500.
- 2013 Travel grant to attend and present a paper at the World Congress of Environmental History in Guimarães, Portugal. NiCHE. \$1,500.

- 2013 Travel grant to attend and present a paper at the Northern Nations, Northern Natures workshop in Stockholm, Sweden. NiCHE. \$500.
- 2012-13 Ontario Graduate Scholarship, Government of Ontario. \$15,000.
- 2012 Travel grant to attend and present a paper at the Past Global Changes (PAGES) Fourth Open Science Meeting in Goa, India. Network in Canadian History and Environment. \$1,500.
- 2011 Fellowship at the International Institute for the History and Heritage of Cultural Landscapes and Urban Environments (CLUE) at the Vrije Universiteit, Amsterdam. €1,500.
- 2011 The Michael Smith Foreign Study Supplement for the Joseph-Armand Bombardier Canada Graduate Scholarship, Government of Canada. \$5,505.
- 2009-12 SSHRC Joseph-Armand Bombardier Canada Graduate Scholarship (Doctoral), Government of Canada. \$105,000.
- 2008 Graduate Entrance Scholarship, York University. \$4,000.
- 2007 Graduate Entrance Scholarship, McMaster University. \$3,000.

Interviews:

- 2015-23 Climate History Podcast. Monthly interviews with leading figures in climate change activism and scholarship, with a focus on what the past suggests about the present and future. Co-hosted (as of 2019) with Georgetown University PhD student Emma Moesswilde.

Selected Interviews with Professors and Journalists:

- 2024 Interviewed by Elizabeth Weise for “Why are Americans obsessed with a white Christmas? Blame Dickens and the Little Ice Age.” *USA Today*. Available from: <https://www.usatoday.com/story/news/nation/2024/12/15/white-christmas-charles-dickens-ice-age/76927444007>.
- 2024 Interviewed by Bernie Rayno for “The Little Ice Age.” *AccuWeather*.
- 2024 Interviewed by Srijana Mitra Das for “Climate history warns us to limit warming to 2°C –humans may not be able to adapt beyond that.” *Times of India*. Available from: <https://timesofindia.indiatimes.com/climate-history-warns-us-to-limit-warming-to-2c-humans-may-not-be-able-to-adapt-beyond-that/articleshow/111374427.cms>.

- 2024 Interviewed by Stephanie Pappas for “30,000 years of history reveals that hard times boost human societies' resilience.” *LiveScience*. Available from: <https://www.livescience.com/human-behavior/30000-years-of-history-reveals-that-hard-times-boost-human-societies-resilience>.
- 2024 Interviewed by Kieran Mulvaney for “The Little Ice Age was brutal. How did people survive?” *National Geographic*. Available from: <https://www.nationalgeographic.com/premium/article/little-ice-age-climate-adaptations>.
- 2024 Interviewed by Camille Vandever for “Georgetown Conference Explores the Intersection of Space Exploration, Climate Change.” *The Hoya*. Available from: <https://thehoya.com/science/georgetown-conference-explores-the-intersection-of-space-exploration-climate-change>.
- 2024 Interviewed for “Sherwood Lecture: Interview with Dr. Dagomar Degroot.” Queen’s University. Available from: <https://www.queensu.ca/history/news-and-events/news/sherwood-lecture-interview-with-dr-dagomar-degroot>.
- 2024 Interviewed by Tim Brinkhof for “These Paintings Reveal How the Dutch Adapted to Extreme Weather During the Little Ice Age.” *Smithsonian Magazine*. Available from: <https://www.smithsonianmag.com/history/these-paintings-reveal-how-the-dutch-adapted-to-extreme-weather-during-the-little-ice-age-180983671>.
- 2023 Interviewed by Dario Fazzi for “Leiden Conversations in History - Dario Fazzi meets Dagomar Degroot.” Leiden University. Available from: <https://www.youtube.com/watch?v=EKiKhIV0iI8>.
- 2023 Interviewed by Deboki Chakravarti for “Asteroid Bennu, OSIRIS-REx, and the Apollo 11 moon microbe scare: The challenge of bringing home samples from space.” *Tiny Matters*. Available from: <https://www.acs.org/pressroom/tiny-matters/asteroid-bennu-osiris-rex-and-the-apollo-11-moon-microbe-scare-the-challenge-of-bringing-home-samples-from-space.html>.
- 2023 Interviewed by Colin McEnroe for “Humanity’s ongoing quest to end epidemics and escape contagion.” *Connecticut Public Radio*. Available from: <https://www.ctpublic.org/show/the-colin-mcenroe-show/2023-06-22/humanitys-ongoing-quest-to-end-epidemics-and-escape-contagion>.
- 2023 Interviewed by Leonard David for “Martian Samples on Earth, Planetary Protection from Contamination Becomes Hot Issue.” *SpaceRef*. Available from: <https://spaceref.com/science-and-exploration/martian-samples-earth-planetary-protection-contamination>.

- 2023 Interviewed by Sarah Scoles for “Cosmic Luck: NASA’s Apollo 11 Moon Quarantine Broke Down.” *The New York Times*. Available from: <https://www.nytimes.com/2023/06/09/science/nasa-moon-quarantine.html>.
- 2023 Interviewed by Briana Sparacino for “Science Spotlight: Georgetown University Space Initiative.” *The Hoya*. Available from: <https://thehoya.com/spotlight-georgetown-university-space-initiative>.
- 2022 Interviewed by Margriet Oostveen for “Wat doet koukleumen met ons lichaam? En valt eraan te wennen?” *De Volkskrant*. Available from: <https://www.volkskrant.nl/wetenschap/wat-doet-koukleumen-met-ons-lichaam-en-valt-eraan-te-wennen~b9a203d6>.
- 2022 Interviewed by Karen Black for “How climate change historians are using centuries-old data to shine a light on our planet’s future.” *Toronto Star*. Available from: <https://www.thestar.com/news/world/2022/03/12/how-climate-change-historians-are-using-centuries-old-data-to-shine-a-light-on-our-planets-future.html>.
- 2022 Interviewed by Jesse Reynolds and Pete Irvine for “Dagomar Degroot on Historical Climatology and the Frigid Golden Age.” *Challenging Climate Podcast*. Available from: <https://podcasts.apple.com/us/podcast/challenging-climate/id1593211714>.
- 2022 Interviewed by Lina Tran for “Peak cherry blossom season in Washington, D.C. is early again.” *Grist*. Available from: <https://grist.org/agriculture/cherry-blossom-time-reveals-a-warming-planet>.
- 2022 Interviewed by Julia Staley for “DC to Update Streetlights with Energy-Efficient LEDs.” *The Hoya*. Available from: <https://thehoya.com/dc-to-update-streetlights-with-energy-efficient-leds>.
- 2021 Interviewed by Padmaparna Ghosh for “Deep History of Climate.” *Linnean Future Podcast*, Linnean Society of London. Available from: <https://soundcloud.com/user-679811756/deep-history-of-climate-change>.
- 2021 Interviewed by Doyle McManus for “The climate is still warming, but world leaders have a chance to fix that.” *Los Angeles Times*. Available from: <https://www.latimes.com/politics/story/2021-10-17/climate-still-warming-but-world-leaders-have-chance-to-fix-that>.
- 2021 Interviewed by Melanie Elliott for “Is Our World Doomed? This Georgetown Professor Says Otherwise.” *The Hoya*. Available from: <https://thehoya.com/community-corner-is-our-world-doomed-this-georgetown-professor-says-otherwise>.

- 2021 Interviewed by Joe McCarthy for “What Can Past Societies Teach Us About Climate Change?” *Global Citizen*. Available from: <https://www.globalcitizen.org/en/content/climate-change-lessons-from-history>.
- 2020 Interviewed for the *World after Covid* project, which features interviews with leading scholars on the likely implications of COVID-19 for humanity. Available from: <https://worldaftercovid.info>.
- 2020 Interviewed by Adam Taylor for “Amid pandemics and protests, is Britain facing its worst economy since the Great Frost of 1709?”. *Washington Post*. Available from: <https://www.washingtonpost.com/world/2020/06/11/amid-pandemics-protests-is-britain-facing-its-worst-economy-since-great-frost-1709>.
- 2020 Interviewed for “Professor Dagomar Degroot and Ph.D. Student Emma Moesswilde Podcast Their Way Through Climate History.” Georgetown College. Available from: <https://college.georgetown.edu/news-story/professor-dagomar-degroot-and-ph-d-student-emma-moesswilde-podcast-their-way-through-climate-history>.
- 2019 Interviewed by Meghan Bartels for “How a Viral Comet Crash into Jupiter Helped Popularize the Internet.” Space.com. Available from: <https://www.space.com/comet-shoemaker-levy-9-jupiter-crash-nasa-internet.html>.
- 2019 Interviewed by Steve LeVine for “1 Big Thing: Humans, Climate, and History.” *Axios*. Available from: <https://www.axios.com/newsletters/axios-future-8d234889-de3e-4128-99ba-3688ddf4d163.html>.
- 2018 Interviewed by Tom Cassauwers for “When the World Was Cold: Five Questions for Dagomar Degroot.” *Undark Magazine*. Available from: <https://undark.org/article/five-questions-dagomar-degroot>.
- 2018 Interviewed by Ashley Strickland for “11,000 years ago, our ancestors survived abrupt climate change,” *CNN*. Available from: <https://www.cnn.com/2018/03/26/health/climate-change-hunter-gatherers/index.html>.
- 2018 Interviewed by Emma Shortis for “The Frigid Golden Age,” *New Books Network* podcast. Available from: <http://newbooksnetwork.com/dagomar-degroot-the-frigid-golden-age-climate-change-the-little-ice-age-and-the-dutch-republic-1560-1720-cambridge-up-2018>.
- 2017 Interviewed by Sadie Bergen for “Getting Warmer: Historians on Climate Change and the Anthropocene,” *Perspectives on History*, newspaper of the American Historical Association. Available from: <https://www.historians.org/publications-and-directories/perspectives-on-history/february-2017/getting-warmer-historians-on-climate-change-and-the-anthropocene>.

- 2016 Interviewed by Isaiah Seibert for “Weathering the Storm: Climate Policy in D.C.,” *The Georgetown Voice*. Available from: <http://georgetownvoice.com/2016/12/02/weathering-the-storm-climate-policy-in-d-c>.
- 2016 Interviewed by Jeremy Deaton for “When Climate Change Sparked Wars: The Little Ice Age,” *LiveScience.com*. Available from: <http://www.livescience.com/54260-when-climate-change-sparked-wars-the-little-ice-age-video.html>.
- 2016 Interviewed by Rob Boffard for “Flowers in the Desert: The Revenant and Mad Max: Fury Road,” *Movie Pilot Magazine*. Available from: <http://moviepilot.com/posts/3787867>.
- 2015 Interviewed by Bobbie Mills for “Does Climate Change Cause Violent Conflict?”. *Scenes of Reason*. Available from: <https://www.scenesofreason.com/does-climate-change-cause-violent-conflict>.
- 2015 Interviewed for “Go South, Young Historian?” *The Otter*, blog of the Network in Canadian History and Environment (NiCHE). Available from: <http://niche-canada.org/2015/06/10/go-south-young-historian>.
- 2014 Interviewed by Kim Nursall for “Toronto winter blues: why the cold may be getting you down.” *Toronto Star*. February 27, 2014. Available from: http://www.thestar.com/news/gta/2014/02/27/toronto_winter_blues_why_the_cold_may_be_getting_you_down.html.
- 2013 Interviewed by Paul Verheij and Sebastiaan Cobelens for *De Weerspiegel*, official magazine of the Dutch Institute for Meteorology and Climatology. May, 2014. Available from: <http://www.vwkweb.nl/index.php?page=28&menuid=414>.
- 2013 Interviewed by Jan Oosthoek for “The IPCC's Fifth Assessment Report: A Historical Perspective,” an *Environmental History Resources* podcast. Available from: <http://www.eh-resources.org/podcast/podcast.html#54>.
- 2012 Interviewed by Sean Kheraj for a *Nature's Past* roundtable about climate in Canadian and global history, part of the “Histories of Canadian Environmental Issues” podcast series. Available from: <http://niche-canada.org/node/10484>.
- 2012 Interviewed by Jan Oosthoek for “Explorations in Historical Climatology,” an *Environmental History Resources* podcast. Available from: <http://www.eh-resources.org/podcast/podcast.html#46>.

Invited Lectures and Workshops:

- 2025 “Climate Change and AI: Reconstructing Atmospheric Circulation Using GPT 4 and 40.” Warwick University, Coventry, UK.
- 2024 “Climate Change and Artificial Intelligence.” Western University, London, Canada.
- 2024 “Opening Remarks.” Climate Change and Culture. Historians of Netherlandish Art Conference, Cambridge, UK.
- 2024 “Lessons from the Past? How We (Should) Speak to the Present, by Using the Past.” Princeton University, Princeton, USA.
- 2024 “Cherry Blossoms in Climates Past and Present.” ASEH Online Plenary Session.
- 2024 “Cosmic Contamination: The Cold War Quest to Protect Earth from Extraterrestrial Microbes.” The John M. Sherwood Memorial Lecture in History of Science and Technology, Queen’s University, Kingston, Canada.
- 2023 “Coping With Climate Change: Can the Past Teach Us How to Survive the Future?” The Melville-Nelles-Hoffmann Lecture in Environmental History, York University, Toronto, Canada.
- 2023 “Did Climate Change Cause Social Change? Difficulties in Discerning Connections Between Human and Climatic Histories.”
Invited panel; paper, “The History of Climate and Society: Old Problems and New Possibilities,” accepted as part of panel. Canadian Historical Association annual meeting, York University, Toronto, Canada.
- 2023 “The Road to Planetary Defense: Cosmic Collisions, Nuclear Explosions, and the Environmental History of Asteroids and Comets.” Hakluyt Symposium, Leiden University, Leiden, Netherlands.
- 2023 “The History of Climate and Society: Lessons from the Past?” UN Development Program, New York, USA.
- 2023 “The Little Ice Age in the Dutch North Atlantic.” New Amsterdam History Center, New York, USA.
- 2023 “Resilience and Adaptation in the History of Climate and Society.” Carleton University, Ottawa, Canada.
- 2022 “Ripples in the Cosmic Ocean: Towards an Environmental History of the Solar System.” Davis Center for Historical Studies, Princeton University, Princeton, USA.

- 2022 “My Work as a Climate Historian.” Albert Lepage Center for History in the Public Interest at Villanova University, Villanova, USA.
- 2022 “The History of Climate and Society: Challenges and Opportunities in the Study of Past Climate Change.” Silk Road Civilization Forum, Beijing, China.
- 2022 “The History of Climate and Society: Can the Past Help Us Prepare for a Hotter Future?” UN Development Program, New York, USA.
- 2022 “The History of Climate and Society: Learning from the Past to Prepare for the Future.” Stanford University, Stanford, USA.
- 2022 “Finding E.T. for the first time: the nineteenth-century ‘discovery’ of life on Mars.” Vrije Universiteit Environmental Humanities Center, Amsterdam, the Netherlands.
- 2021 “Project Moon-Blink.” NASA Headquarters, Washington, DC, USA.
- 2021 “Blood and Bone, Tears and Oil: Climate Change and Conflict in the Seventeenth-Century Arctic.” European University Institute, Florence, Italy.
- 2021 “The History of Climate and Society: Towards a Rigorous Understanding of Societal Responses to Climate Changes.” Past Global Changes (PAGES) 2k Network Online Seminar Series.
- 2021 “The History of Climate and Society: Challenges, New Approaches, and Significance.” Office of Resources for International and Area Studies (ORIAS), UC Berkeley, USA.
- 2021 “The Consequences of Climate Change: Can We Learn from the Past?” Arctic Institute Arctic Spring College, Washington, DC, USA.
- 2021 “The Impacts of Climate Change on Societies: Can We Learn from the Past?” European Geophysical Union General Assembly.
- 2021 “Lessons From Little Ice Ages? Towards a Better Understanding of Societal Responses to Climate Change.” European Geophysical Union Press Conference.
- 2020 “Climate Change and Conflict: What History Tells Us.” Koninklijk Nederlands Historisch Genootschap, Amsterdam, Netherlands.
- 2020 “Lessons from Little Ice Ages? Resilience and Complexity in Societal Responses to Climate Change.” Inaugural lecture, “Climate in Context: Historical Precedents and the Unprecedented.” The University of Texas, Austin, USA.

- 2020 “Little Ice Age Lessons: Towards New Histories of Climate Change.” University of Arizona, Tucson, USA.
- 2020 “Little Ice Age Lessons.” Keynote lecture at the University of Manitoba, Winnipeg, Canada.
- 2020 “Technology and Climate Change in the Seventeenth Century.” NASA Goddard Space Flight Center Engineering Colloquium, Greenbelt, USA.
- 2020 “The Living Moon: Observing Lunar Change from the Age of Exploration to the Space Age.” Illinois State University, Normal, Illinois, USA.
- 2019 Roundtable on Corporate Sustainability, *The Atlantic* Festival, Washington, DC, USA.
- 2019 “The Dutch Exception in a Global Climate Crisis.” Keynote lecture at the Conference of the Association for Low Countries Studies, London, UK.
- 2019 Climate Change in the Archive. Keynote lecture at “Response and Responsibility: Special Collections and Climate Change,” conference of the Rare Books and Manuscripts Section, Baltimore, USA.
- 2019 “Teaching the History of Climate Change.” Harvard University, Cambridge, Massachusetts, USA.
- 2019 “Civilization and the Solar System: Cosmic Upheavals and Human History.” NASA Goddard Space Flight Center, Greenbelt, USA.
- 2019 “Teaching Climate History: Problems and Possibilities.” University of Michigan, Ann Arbor, Michigan, USA.
- 2019 “Civilization and the Cosmos.” Consortium for the History of Science, Technology, and Medicine Physical Sciences Seminar, Washington, DC, USA.
- 2018 “Climate Change and Societal Resilience in the Little Ice Age.” George Mason University, Fairfax, Virginia, USA.
- 2018 “Adaptation and Resilience in a Changing Climate: The Dutch in the Seventeenth Century.” Northern Virginia Community College, Annandale, USA.
- 2018 “A Frigid Golden Age: Coping with Climate Change in the Seventeenth Century.” University of Waterloo, Waterloo, Canada.
- 2018 “Climate Change in the Golden Age: Can We Learn from the Little Ice Age?” Netherland America Foundation, Washington, D.C., USA.

- 2018 “Environmental Trends and Short-Termism in Business Strategy.” *The Economist* Sustainability Summit, London, UK.
- 2017 “Conflict and Climate Change: Lessons from the Little Ice Age.” Institute at Brown for Environment and Society, Brown University, Providence, Rhode Island, USA.
- 2017 “Coping with the Little Ice Age”. “Collapse! What Collapse?” Workshop at Yale University, New Haven, USA.
- 2017 “‘One storm, one flood, one fire destroyed it all:’ Cultural Responses to Climate Change in the Seventeenth-Century Dutch Republic.” New York University Atlantic Workshop, New York, USA.
- 2017 “Climate Change and Conflict: Perspectives from the Little Ice Age.” Climate Change and History Research Initiative, Princeton University, Princeton, USA.
- 2016 “Arctic Journeys in a Changing Climate, 1590-1650.” Arctic Institute of North America, Calgary, Canada.
- 2016 “Scales and Stories: Translating Historical Particularity.” Featured talk at Timescales environmental humanities conference. University of Pennsylvania, Bartram’s Garden, and Slought Foundation. Philadelphia, USA.
- 2016 “Climate Change and Conflict: Lessons from the Little Ice Age.” The Mershon Center for International Security Studies, Ohio State University, Columbus, USA.
- 2014 “What Climate is History, and How?” The Climate is History NiCHE workshop, London, Canada.

Conference Activity:

- 2024 “Climate Change and the Fate of Intelligent Life: Earth as a Case Study.” Astrobiology and the Future of Life Meeting. Lunar and Planetary Institute, Houston, USA.
- 2024 Panel chair, “Methods, Data, and Information Sharing.” Climate Change and History Research Initiative 2024 Colloquium, Princeton, USA.
- 2024 “The History of Climate and Society: Old Problems, New Possibilities.” ASEH Conference, Denver, USA.
- 2023 “Introducing the History of Climate and Society: Themes, Frameworks, and Possibilities.” American Historical Association (AHA) conference, Philadelphia, USA.

- 2022 “Response.” Changing Climates - Changing Histories: Perspectives from the Humanities. Dumbarton Oaks, Washington DC, USA.
- 2022 Roundtable participant, “Prompting Awareness / Inspiring Hope: Strategies for Teaching Climate Change.” ASEH conference, Eugene, USA.
Panel chair, “Localizing Climate History.”
- 2020 “Confronting the Climate Crisis: Natural Archives in Climate History.” AHA conference, New York, USA.
- 2019 “Adapting to the Little Ice Age.” Creating Nature: Premodern Climate and the Environmental Humanities. Folger Library, Washington DC, USA.
- 2019 Organized roundtable, “New Perspectives on the Little Ice Age.” ASEH conference, Columbus, USA.
- 2018 “The Little Ice Age at Sea: Wind, Sea Ice, and Currents in Mariners’ Accounts.” Climate Reconstruction and Impacts from the Archives of Societies (CRIAS) Past Global Changes (PAGES) Workshop, Bern, Switzerland.
- 2018 Panel chair, “East Asian Climate History.” Social Science History Association conference, Phoenix, USA.
- 2018 “Bowhead Whale Hunting in a Cooling Arctic, 1610-1640.” ASEH conference, Riverside, USA.
Panel chair, “New Perspectives on Climate and History in the Little Ice Age.”
- 2017 “Whaling and War in a Changing Arctic, 1610-1640.” ESEH conference, Zagreb, Croatia.
- 2017 Co-convener, “Historical Climate Reconstruction and Impacts of the Common Era.” PAGES Fifth Open Science Meeting, Zaragoza, Spain.
- 2017 Organized panel, “The Final Frontier (of Environmental History): Interdisciplinary Perspectives on Environments Beyond Earth,” for ASEH conference, Chicago, USA.
Paper, “Red Earth: An Environmental History of Mars” accepted as part of panel.
- 2017 “Climate Change, Herring, and Supernovae: How Environmental Changes Influenced Early Modern Empires.” AHA conference, Denver, USA.
- 2016 Organized panel, “A Climate History of the Causes and Conduct of War,” for ASEH conference, Seattle, USA.
Paper, “Climate Change and the Eighty Years’ War, 1568-1648” accepted as part of panel.

- 2016 “So, You Want to Be an Environmental Historian?” ASEH conference, Seattle, USA.
- 2015 “Climate Change and the Water History of the Dutch Republic, 1560-1720.” International Water History conference, Delft, Netherlands.
- 2015 “Organized panel, “Five Centuries of Climate Change in Canada,” for ESEH conference, Versailles, France.
Paper, “Knowing the Canadian Arctic in the Little Ice Age, 1560-1630” accepted as part of panel.
- 2015 “The Case for History: Reconstructing Northern Environments Using Historical Documents.” ESSAS annual conference, Seattle, USA.
- 2015 Organized panel, “Five Centuries of Climate Change, Eh: Towards a Climate History of Canada,” for ASEH conference, Washington, USA.
Paper, “Knowing the Canadian Arctic in the Little Ice Age, 1560-1630” accepted as part of panel.
- 2014 “‘Such Freezing None Could Remember:’ Conceptions of Climate Change in the Dutch Republic.” World Congress of Environmental History, Guimarães, Portugal.
- 2014 “Paleoecology of Subarctic Seas.” Poster co-author. Integrated Marine Biogeochemistry and Ecosystem Research Open Science Conference, Bergen, Norway.
- 2014 “What’s a Historian Doing Here? Exploring the Importance of Environmental History from the North Sea to the Subarctic.” ESSAS annual conference, Copenhagen, Denmark.
- 2013 “‘With great cold, danger, and disease:’ The Quest for the Northeast Passage During the Little Ice Age, 1594-1597.” Northern Nations, Northern Natures workshop, Stockholm, Sweden.
- 2013 “Conflict and Climate in the North Sea, 1652 to 1674.” European Society for Environmental History (ESEH) Conference, Munich, Germany.
- 2013 “Shifting Winds over the North Sea: How Anglo-Dutch Documentary Evidence Enables the Reconstruction of Changes in Prevailing Wind during the Little Ice Age, 1630-1700.” PAGES Fourth Open Science Meeting, Goa, India.
- 2013 “Confluences of Climate and Crisis: Water, Weather and Transportation in the Dutch Republic, 1650-1750.” ASEH conference, Toronto, Canada.

- 2012 Organized panel, “‘Roads which Move:’ Environmental Histories of Waterways as Capitalist Resources,” for ASEH conference, Madison, USA.
Paper, “Evolving relationships between climate, environment and the biophysical arteries of the Dutch Republic” presented as part of panel.
- 2012 “Conflict and Climate Change in the North Sea, 1562 to 1674.” New Frontiers Graduate History Conference, York University, Toronto, Canada.
- 2011 Organized panel, “Preindustrial Warfare and Environments in the Atlantic World,” for ASEH conference, Phoenix, USA.
Paper, “Dutch Naval Operations and Climatic Changes during the Maunder Minimum” presented as part of panel.
- 2011 “Climate, Weather, and the Anglo-Dutch Wars of the Seventeenth Century.” Symposium of Environmental Historians in Southern Ontario, University of Toronto, Toronto, Canada.
- 2010 “The Weather Gage: An Examination of Seventeenth-Century Dutch Ship Logs to Understand Links between Weather and Trade, Climate, and Economy.” Graduate History Symposium, University of Toronto, Toronto, Canada.
- 2009 “‘Go Raise Hell:’ Prejudice, Ignorance, and the Failures of American Support for the Afghan Mujahedin.” New Frontiers Graduate History Conference, York University, Toronto, Canada.

Selected Campus Talks:

- 2022 Speaker, “In the News: European Energy Crisis.” Mortara Center for International Studies, Georgetown University, Washington, D. C.
- 2021 Speaker, “Introducing the History of Climate and Society.” Georgetown University, Washington, D. C.
- 2020 Speaker, Tocqueville Forum of Political Understanding, Georgetown University, Washington, D. C.
- 2020 Speaker, “Climate History.” The Science of History, *History Matters* seminar series in the Department of History, Georgetown University, Washington, D.C.
- 2018 Speaker, “The Early Modern Arctic,” Georgetown University, Washington, D.C.
- 2017 Speaker, “Writing Climate Now,” Georgetown University, Washington, D. C.
- 2016 Speaker, “Approaching the Anthropocene: Global Culture and Planetary Change Lightning Talks,” Georgetown University, Washington, D. C.

- 2016 Speaker, “Interdisciplinary Dialogue.” Graduate Political Science Association, Georgetown University, Washington, D. C.
- 2016 Speaker, “History Department Grants and Fellowships Workshop.” Department of History, Georgetown University, Washington, D. C.
- 2017 Speaker, “History Department Grants and Fellowships Workshop.” Department of History, Georgetown University, Washington, D. C.
- 2016 “Climate Changes: Past, Present, and Future.” Invited speaker, Georgetown Interact Lecture Series, Georgetown University, Washington, D. C.
- 2016 “Climate Change and the Eighty Years’ War.” Early Modern Global History Seminar, Department of History, Georgetown University, Washington, D. C.
- 2014 “Crisis and Opportunity in the Little Ice Age: From the Dutch Republic to the Arctic Circle, 1560-1720.” Invited speaker, History Department Seminar Series, University of Western Ontario, London, Canada.
- 2014 “Navigating the Job Market.” Invited speaker, Department of History, York University, Toronto, Canada.
- 2014 “Presenting at Academic Conferences.” Invited speaker, Faculty of Graduate Studies, York University, Toronto, Canada.
- 2012 “Environmental History Roundtable.” Moderator and commentator for keynote session at the New Frontiers Graduate History Conference, York University, Toronto, Canada.

Teaching Experience:

Curriculum Design:

Co-developed Core Pathway on Climate Change, a curriculum in which hundreds of students mix and match half-semester courses on climate change, each taught from the perspective of a different discipline in the natural sciences, social sciences, and humanities.

PhD Students:

Emma Moesswilde, agricultural, gender, and climate histories of the eighteenth-century Atlantic.
Jitendra Bisht, climate change, conflict, and culture in eighteenth-century India.

Antonio Salinas, climate change and conflict in the Roman Republic.

Lucy Leonard, climate change and missionary work in the eighteenth-century North Atlantic.

Comprehensive Exam Committees:

Emma Moesswilde, “The History of Climate and Society” research field.
 Francisco Céntola, “Global Environmental History” research field.
 Rachel Singer, “The History of Climate and Society” minor field.
 Lucy Leonard, “The History of Climate and Society” major field.

Dissertation Committees:

Meredith Denning, “Learning from Experience: Local Perception and Transboundary Institution Building on the Lower Great Lakes, 1900-1972.” Successfully defended, March 26th, 2018.
 Andrew Ross, “The Planetary Security State.”
 Rachel Singer, “The Diseased Landscapes of Early Britain: Infection, Conquest, Migration, and Disability in the First Millennium, CE.”

Courses Designed and Taught at Georgetown University:

Course Name and Number	Terms Taught	Level	TAs/Co-Instructors
Hist 1102. Global Warming	Spring 2024	Undergrad (Core Pathways)	
Hist 6105. Environmental History: Climate and Disease, Collapse and Resilience, Global and Premodern	Fall 2023	Graduate	Timothy Newfield
Hist 1111. The Little Ice Age: Surviving Climate Change in the Pre-Modern World	Fall 2023	Undergrad (Core Pathways)	
Hist 704. Global Environmental and Climate History	Spring 2023	Graduate	John McNeill
Hist 008. Global Warming: Causes, Consequences, and Controversy	Spring 2023, Spring 2021, Spring 2020, Spring 2019, Spring 2018	Undergrad (Core Pathways)	
Hist 007. The Little Ice Age: Volcanoes and Crises in the Pre-Modern World	Fall 2022, Spring 2021, Spring 2020, Spring 2019, Fall 2017	Undergrad (Core Pathways)	
Hist 438/3415. Neighboring Worlds: Humanity’s History in the Solar System	Spring 2024, Fall 2022, Fall 2021, Fall 2020	Senior Undergrad	
Hist 099. Climate Change in History	Spring 2022	Freshman	Emma Moesswilde, Sarah Myers
Hist 099. HyperHistory	Spring 2020	Freshman	John McNeill, Kathryn de Luna, Timothy Newfield
Hist 406. Ancient Climate Changes	Spring 2019	Junior and Senior	
Hist 405. Mars and the Moon in Science, Science Fiction, and Society	Spring 2018	Junior and Senior	
Hist 007. The History of Humanity on a Changing Planet	Fall 2016	Freshman	Douglas McRae
Hist 305. The Making of the Modern World	Fall 2016	Junior and Senior	
Hist 200. Anthropocene: The History of Earth Under Human Dominion	Spring 2016	Sophomore	
Hist 430. Warfare in Early Modern	Spring 2016	Junior and	

Europe		Senior	
Hist 204. A Global History of Climate Change	Fall 2015	Sophomore	

Tutorials Designed and Taught at Georgetown University:

Tutorial Name	Terms Taught	Level	TAs/Co-Instructors
Droughts in World History	Spring 2025	Graduate	
The History of Climate and Society	Spring 2021	Undergrad	
Introduction to the Dutch Golden Age	Spring 2020, Spring 2018	Graduate	

Courses Designed and Taught at York University:

Course Name and Number	Terms Taught	Level	TAs/Co-Instructors
Hist 3280. Europe and the Natural World Until 1800	Summer 2015	Freshman	
Hist 4260. Warfare in Early Modern Europe	Fall 2013-Spring 2014	Junior and Senior	

Service to Profession:

Initiatives Founded or Co-Founded:

2025- Founder, Writer, Producer, Narrator, *The Climate Chronicles* (TheClimateChronicles.com).

Won funding, wrote episodes, edited audio files, produced trailer videos, developed website, and published episodes for a 42-episode, eight-season podcast on the history of climate change. The podcast involves approximately 200,000 words of writing, and it is intended for the broadest possible audience.

2017-24 Founder and Director, *Tipping Points Project* (ClimateTippingPoints.com).

Established digital map and website; selected, listed, and described climate reconstruction and forecasting tools; wrote articles and edited student articles that clearly explain the local consequences of past and present climate change for a broad audience. Applied for and received GEI Impact Program Award (\$8,500) to host Tipping Points workshops at Georgetown.

2015-23 Founder and Co-Host, *Climate History Podcast* (HistoricalClimatology.com/Interviews)

Founded and now co-host, with PhD candidate Emma Moesswilde, the only podcast dedicated to the history of climate change. Solicited, edited, and published podcasts on iTunes, Soundcloud, and Spotify. Episodes in the Climate History Podcast have received over 50,000 downloads on Soundcloud alone. *The Independent* listed the podcast among its top online resources on climate change.

2010-22 Founder and Director. HistoricalClimatology.com (HistoricalClimatology.com).

Developed an online resource that links the scholarship of climate history, historical climatology, and paleoclimatology to modern issues in global warming. Recruited and currently lead a volunteer team of professors and graduate students to update, expand, and advertise different online services, including feature articles; project updates; lists of climate reconstruction and simulation tools; primary source databases; a popular podcast; and social media accounts. Every year, HistoricalClimatology.com receives more than 200,000 unique hits and 500,000 total hits. Its articles have been widely assigned in university courses, cited in peer-reviewed literature, and used in popular articles. The site and its services have been featured in lists of the top online resources on climate change.

2010- Co-Founder and Co-Director. Climate History Network (ClimateHistory.net).

Created and now manage website and social media presence; update content using member feedback; co-chair annual Climate History Breakfasts at American Society for Environmental History conferences, manage volunteer team, form connections with other environmental history networks, build member list for the world's first historical climatology/climate history network. Applied for and received Georgetown Infrastructure Award (\$6,500) and GEI Impact Program Awards (\$21,500) to host climate history conferences at Georgetown, and expand network's online presence. The network now has over 200 members. It is part of the International Consortium of Environmental History Organizations, and its homepage, ClimateHistory.net, annually receives more than 20,000 hits.

Other Major Service Roles:

2016-17 Secretary, International Consortium of Environmental History Organizations (ICEHO).

Designed, developed, and managed new website (<http://ICEHO.org>). Recruited and led volunteer team to create and update social media accounts. Documented and helped organize meetings and outreach.

2014-19 Steering Committee Member. War and Environment Network (EnvironmentandMilitary.com).

Contributed to the development of online resources for the world's first network devoted to the environmental history of war. The network is loosely based on the Climate History Network I co-founded.

2014-17 Contributor. Paleoecology of Subarctic Seas Working Group, ESSAS.

This NSF-funded project synthesizes the methods and findings of interdisciplinary scholars from universities and museums in the United States, Canada, Denmark, Japan, and Russia. I provide the perspective of environmental history in presentations, posters, and publishing projects that reconstruct 20,000 years of human interactions with the environment of the Atlantic and Pacific Subarctic.

2011-14 Contributing Editor. *Active History* (ActiveHistory.ca).

Regularly submitted articles linking issues in environmental history, historical climatology, and early modern history to present debates about global warming.

Selected Editing/Review Service:

2023- Area Editor, Climate History, *Oxford Bibliographies in Environmental History*.

2021- Member, editorial board. *Historical Methods: A Journal of Quantitative and Interdisciplinary History*.

2017-24 Editor, ClimateTippingPoints.com blog.

Edited student articles on the local consequences of climate change for the blog at ClimateTippingPoints.com.

2010-21 Editor, HistoricalClimatology.com blog.

2012 Editor. *Left History*.

2008-10 Book Review Editorial Assistant. *Isis*, Journal for the History of Science Society.

Selected University Service:

Committee Service:

2023 Georgetown Department of History Doctoral Studies Committee (DSC).

2023 Tenure Committee Chair, Timothy Newfield Application for Tenure and Promotion.

2022 Georgetown Department of History MA in Global, International, and Comparative History (MAGIC).

- 2022 Georgetown Department of History Glassman Dissertation Prize Committee.
- 2021-22 Earth Commons Search Committee.
- 2021 Faculty Director, Beta Pi Chapter, Phi Alpha Theta.
- 2020 Main Campus Executive Faculty.
- 2020 Field Convener, Environmental and African History.
- 2019-20 Member, Faculty Energy Task Force.
- 2019 Member, Georgetown Department of History Foley Award Committee.
- 2019 Member, Georgetown University Udall Scholarship Endorsement Committee.
- 2018-20 Member, Environmental Studies Minor Advisory Committee.
- 2018 Georgetown Department of History Environmental History Field Convener.
- 2018 Georgetown Department of History Glassman Dissertation Prize Committee.
- 2017-18 Georgetown Department of History MAGIC Committee.
- 2017-18 Georgetown Institute for Global History (GIGH).
- 2017-18 Georgetown Department of History Merit Committee.
- 2016 Georgetown Department of History Committee of Undergraduate Studies.
- 2012-13 York University Department of History Search Committee.

Major Academic Initiatives:

- 2017-24 Founding faculty, Core Pathways Program on Climate Change.
- 2018 Participant, “All Things Ignatian” Georgetown University Faculty Seminar.
- 2018 Delegate, Georgetown University Delegation to China.
- 2016-18 Core member, Andrew W. Mellon Sawyer Seminar: “Approaching the Anthropocene: Global Culture and Planetary Change.”

Events and Initiatives:

- 2024 Co-Organizer, Earth at the Crossroads II: A Cosmic Perspective on Environmental Crisis,” a three-day event featuring over 40 speakers. Hosted and co-sponsored by Georgetown University, co-sponsored by the SETI Institute.
- 2023 Organizer, “A Conversation with Pedro Conceicao,” by Pedro Conceicao, United Nations Development Program.
- 2023 Co-Organizer, “The Evolutions and Legacies of Premodern Fisheries,” by Richard Hoffmann, York University, and Rebecca Helm, Georgetown University.
- 2023 Organizer, “A Conversation with Climate Historian Sam White,” by Sam White, University of Helsinki.
- 2023 Organizer, “A Conversation with Cartographer Geoff Wallace,” by Geoffrey Wallace, G. Wallace Cartography and GIS.
- 2022 Organizer, “Resilience to Climate Change, Past and Present,” featuring approximately 35 speakers and a public keynote. Sponsored by the Georgetown University Earth Commons.
- 2022 Co-organizer, “History of NASA and the Environment Symposium,” featuring approximately 50 speakers and a public keynote. Hosted by Georgetown University and sponsored by NASA.
- 2021 Organizer, “History and Climate Change,” featuring Professor Marwa Daoudy, PhD candidate Emma Moesswilde, and undergraduate student Oliva Gadson.
- 2021 Co-organizer, “Earth at the Crossroads: Can the Study of Other Worlds Help Us Save This One?”, featuring nearly 30 leading journalists, scientists, and artists. Hosted by Georgetown University and the SETI Institute, available at: <https://www.youtube.com/watch?v=YLw7FW-t2dk>.
- 2020 Organizer, “Tree Story: What the rings in trees reveal about the history of climate change,” by Valerie Trouet, University of Arizona.
- 2019 Organizer, “The Ethical Choices of Whales: Bowheads, Hunters, and Mutual Adaptations in the Bering Strait, 1848-1968,” by Bathsheba Demuth, Brown University.
- 2019 Organizer, “Volcanic Impacts on Climate and Society,” by Kevin Anchukaitis, Associate Professor, University of Arizona.
- 2019 Co-organizer, “It’s Real, It’s Here, It’s Us,” by Kate Marvel, Associate Research Scientist, NASA GISS and Columbia University.

- 2019 Organizer, "Cooperation and Courage: Translating Climate Research Into Action," by Victoria Herrmann, President, The Arctic Institute.
- 2019 Organizer, "Volcanoes, Climatic Shocks, and Ancient Egypt," by Joseph Manning, William K. and Marilyn Milton Simpson Professor of Classics and History, Yale University.
- 2018 Organizer, "Facing Famine in Finland During the Little Ice Age," by Heli Huhtamaa, postdoctoral fellow, Oeschger Centre for Climate Change Research, University of Bern.
- 2018 Organizer, "Little Ice Age Lessons" Workshop on Societal Resilience to Past Climate Change. Featuring Elena Xoplaki, Justus-Liebig-Universität Giessen; Kevin Anchukaitis, Arizona State University; George Hambrecht, University of Maryland College Park, and others.
- 2018 Organizer, "Climate Change and the Course of Global History: Roundtable on Revisions," and "Climate and the Plague: Toward a Late Holocene Eurasian Synthesis," featuring Professor John Brooke, Ohio State University.
- 2018 Organizer, "The Arctic: Past, Present, Future," featuring Professor Bathsheba Demuth, Brown University, and Dr. Matthew Druckenmiller, National Snow and Ice Data Center.
- 2018 Organizer, "Teaching Environmental History: Insights from a Trailblazer," with Professor Emeritus Richard Hoffmann, York University.
- 2017 Discussant, "North American Waters," at "Our World of Water: Histories of the Hydrosphere" graduate environmental history conference.
- 2017 Organizer, "The Trouble with Climate: Critical Interdisciplinary Perspectives on Ice, Climate, and the Anthropocene," by Professor Mark Carey, University of Oregon.
- 2017 Organizer, "London's Tanner's Ghost Acres: Local Scarcity and the Development of a Global Commodity Network, 1772-1924," by Professor Jim Clifford, University of Saskatchewan.
- 2016- Founder and co-director, Georgetown Environmental History website (GeorgetownEnvironmentalHistory.org).
- Proposed and helped create an online resource for the environmental history program at Georgetown University. Recruited graduate students to help build and maintain the website.

- 2016 Organizer, digital mapping workshop with archivist Tom Belton, University of Western Ontario, and speech, “A Cold Welcome: The Little Ice Age and Europe’s Encounter with North America,” by professor Sam White, Ohio State University.
- 2016 Commentator, “Terrains of Medieval Warfare,” and participant, “Roundtable,” at “Humanity & Other Forms of Life: Environmental Histories of the World,” Georgetown graduate environmental history conference.
- 2016 Organizer, “The Past as Prologue: Learning from Climate Changes in Past Centuries,” by climatologist Michael E. Mann, Penn State University.
- 2016 Panel chair, “Of Game and Wildlife: Meanings and Contests,” at “African Environments and their Populations” workshop.
- 2016 Organizer, “The Digital Humanities and Born-Digital Sources: Web Archives, Tweets, and the Record of Today,” with Professor Ian Milligan, Waterloo University.
- 2015 Organizer, “Endangered Environmental Archives in the North Atlantic: Crisis and Response,” with Professor George Hambrecht, University of Maryland College Park.
- 2015 Organizer, “Environmental History Grants Workshop,” with Clark Bonilla, Georgetown Environment Initiative.

Consulting:

- 2019 Consultant, “De Wind is Op: Climate, Culture and Innovation in Dutch Maritime Painting,” exhibition at the New Bedford Whaling Museum.
- 2014 Consultant, Canada Post.
- Completed three research projects that informed design of new stamp series on Canadian weather and climate, First Nations culture, and architectural achievements. Provided scientific research, historical context, relevant images, product ideas, and references. Forwarded additional research projects to qualified colleagues.

Languages:

English: Reading (Native), Speaking (Native), Writing (Native).
Dutch: Reading (Native), Speaking (Native), Writing (Native).
French: Reading (With Dictionary).
German: Reading (With Dictionary).

Professional Affiliations:

American Historical Association (AHA).
American Society for Environmental History (ASEH).
Climate History Network (CHN).
European Geosciences Union (EGU).
Network in Canadian History and Environment (NiCHE).
Past Global Changes (PAGES).
Social Science History Association (SSHA).
War and Environment Network.