

Tom Maycock

Education

Master of Liberal Arts and Sciences **2014–2018**
Certificate in Climate Change and Society **2014–2016**
University of North Carolina at Asheville, Asheville, North Carolina

Bachelor of Arts, Physics and English Literature **1986–1990**
Northwestern University, Evanston, Illinois
Member of Sigma Pi Sigma (physics students honor society)

Professional Experience

Science Writer and Senior Editor **February 2021–Present**
IPCC Working Group I Technical Support Unit
University of Paris-Saclay, Saint-Aubain, France **(Remote) Asheville, NC**
Providing science writing, editing, and production support for the IPCC Working Group I contribution to the Sixth Assessment Report. Efforts are focused on improving the accessibility and clarity of high-level aspects of the WGI report, including the Technical Summary, the Summary for Policymakers, and the collection of Frequently Asked Questions and on enhancing effectiveness of the web presentation of the report and its various components.

Science Public Information Officer **September 2014–Present**
Editor & Project Coordinator, National Climate Assessment TSU
North Carolina Institute for Climate Studies **Asheville, NC**
Currently serving in a dual role as a science editor for NOAA’s National Climate Assessment Technical Support Unit and as the Science Public Information Officer for the North Carolina Institute for Climate Studies (NCICS) and its NOAA cooperative research institute, the Cooperative Institute for Satellite Earth System Studies (CISESS). Recent accomplishments include:

Copy Editor, National Climate Assessment **October 2012–September 2014**
North Carolina Institute for Climate Studies **Asheville, NC**
Working as part of NOAA’s U.S. National Climate Assessment Technical Support Unit, responsibilities and accomplishments included:

- Copyediting and science editing of USGCRP Third National Climate Assessment (NCA3)
- Significant editorial and creative input for the highly accessible and widely praised “Highlights” summary of NCA3
- Curated database of 3,300+ references and assisted with obtaining copyright permissions
- Preparation and delivery of final PDFs and editing of HTML content for web version
- Contributions to internal and external process management, coordinating with authors, federal oversight committee, and U.S. Global Change Research Program staff
- Project management contributions, including developing timelines and task management
- Demonstrated ability to meet multiple high-risk deadlines in challenging environment
- Developed strong working relationships with team members and external partners
- Facilitated communication across all TSU teams

Estima, Evanston, IL

August 1990–October 2012

Worked in a self-directed position at a small econometrics software firm, serving in a variety of roles. Responsibilities and accomplishments included:

Publications (as editor)

IPCC, 2018: *Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty* [V. Masson-Delmotte, P. Zhai, H. O. Pörtner, D. Roberts, J. Skea, P.R. Shukla, A. Pirani, W. Moufouma-Okia, C. Péan, R. Pidcock, S. Connors, J. B. R. Matthews, Y. Chen, X. Zhou, M. I. Gomis, E. Lonnoy, T. Maycock, M. Tignor, T. Waterfield (eds.)]. In Press.

IPCC, 2018: Summary for Policymakers. In: *Global warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty* [V. Masson-Delmotte, P. Zhai, H. O. Pörtner, D. Roberts, J. Skea, P.R. Shukla, A. Pirani, W. Moufouma-Okia, C. Péan, R. Pidcock, S. Connors, J. B. R. Matthews, Y. Chen, X. Zhou, M. I. Gomis, E. Lonnoy, T. Maycock, M. Tignor, T. Waterfield (eds.)]. World Meteorological Organization, Geneva, Switzerland, 32 pp.

USGCRP, 2018: *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II* [Reidmiller, D.R., C.W. Avery, D.R. Easterling, K.E. Kunkel, K.L.M. Lewis, T.K. Maycock, and B.C. Stewart (eds.)]. U.S. Global Change Research Program, Washington, DC, USA, 1515 pp. <http://dx.doi.org/10.7930/NCA4.2018>

USGCRP, 2018: *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II: Report-in-Brief*. D. R. Reidmiller, C. W. Avery, D. R. Easterling, K. E. Kunkel, K. L. M. Lewis, T. K. Maycock, and B. C. Stewart, Eds. U.S. Global Change Research Program, 186 pp. <http://dx.doi.org/10.7930/NCA4.2018.RiB>

USGCRP, 2017: Climate Science Special Report: Fourth National Climate Assessment, Volume I. D. J. Wuebbles, D. W. Fahey, K. A. Hibbard, D. J. Dokken, B. C. Stewart, and T. K. Maycock, Eds., 470 pp., U.S. Global Change Research Program, Washington, DC, USA. <http://dx.doi.org/10.7930/J0J964J6>

Publications (as co-author)

Stevens, L.E., T.K. Maycock, and B.C. Stewart, 2021: Climate change in the human environment: Indicators and impacts from the Fourth National Climate Assessment. *Journal of the Air & Waste Management Association*, In press. <http://dx.doi.org/10.1080/10962247.2021.1942321>

Dello, K., W. Robinson, K. Kunkel, J. Dissen, and T. Maycock, 2020: A Hotter, Wetter, and More Humid North Carolina. *North Carolina Medical Journal*, 81, 307. <http://dx.doi.org/10.18043/ncm.81.5.307>

Dzaugis, M., C. W. Avery, A. Crimmins, L. Dahlman, D. R. Easterling, R. Gaal, E. Greenhalgh, D. Herring, K. E. Kunkel, R. Lindsey, T. K. Maycock, R. Molar, D. R. Reidmiller, B. C. Stewart, and R. S. Vose, 2018: Frequently Asked Questions. *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II*, D. R. Reidmiller, C. W. Avery, D. Easterling, K. Kunkel, K. L. M. Lewis, T. K. Maycock, and B. C. Stewart, Eds., U.S. Global Change Research Program, 1444–1515. <http://dx.doi.org/10.7930/NCA4.2018.AP5>

Peng, G., J. L. Privette, C. Tilmes, S. Bristol, T. Maycock, J. J. Bates, S. Hausman, O. Brown, and E. J. Kearns, 2018: A Conceptual Enterprise Framework for Managing Scientific Data Stewardship. *Data Science Journal*, 17, 15. <http://dx.doi.org/10.5334/dsj-2018-015>

Peng, G., N. A. Ritchey, K. S. Casey, E. J. Kearns, J. L. Privette, D. Saunders, P. Jones, T. Maycock, and S. Ansari, 2016: Scientific stewardship in the Open Data and Big Data era – Roles and responsibilities of stewards and other major product stakeholders. *D.-Lib Magazine*, 22. <http://dx.doi.org/10.1045/may2016-peng>

Presentations

Maycock, T. K., L. E. Stevens, K. M. Johnson, A. McCarrick, J. GriffinAllen, S. Veasey, and B. C. Stewart, 2021: Making Climate Change Assessments Accessible. Virtual. *2021 American Meteorological Society Annual Meeting*, Virtual, 13 January 13, 2021.

Copley, L., and T. Maycock, 2020: Survey of Programs Related to Climate Science Fields at America's HBCUs. Virtual. *2020 American Geophysical Union (AGU) Fall Meeting*. December 10, 2020.

Hammer, G., G. Peng, J. Fulford, T. Maycock, A. Anderson, T. Foreman, 2020: In Real Life: How Social Media Propelled One Study. Virtual. *2020 NOAA Environmental Data Workshop*, August 21, 2020.

Stevens, L. E., K. M. Johnson, T. K. Maycock, A. McCarrick, J. GriffinAllen, S. Veasey, and B. C. Stewart, 2020: Accessibility Considerations in Climate Communication: Efforts and Lessons Learned from the Fourth National Climate Assessment. Virtual. *2020 American Geophysical Union (AGU) Fall Meeting*,

Maycock, T., Veasey, S., and G. Hammer, 2019: Poster Production Creation- A whole new approach. NCEI Branch Seminar Series, NOAA National Centers for Environmental Information, Asheville, NC, October 1, 2019.

Peng, G., J. L. Privette, E. J. Kearns, N. Ritchey, O. Brown, C. Tilmes, S. Bristol, H. K. Ramapriyan, and T. Maycock, 2019: A Holistic Framework for Supporting Evidence-Based Institutional Research Data Management. *CODATA 2019 Conference*, Beijing, China, September 19, 2019.

Maycock, T., 2019: Climate Change in North Carolina. *Get off the Grid Fest*, Warren Wilson College, Swannanoa, NC, August 10, 2019.

Peng, G., J.L. Privette, and T. Maycock, 2019: An Integrated Framework for Managing Scientific Data Stewardship Activities. Poster. *ESIP 2019 Summer Meeting*, Tacoma, WA, July 17, 2019.

Matthews, K. V., D. S. Arndt, J. Crouch, J. F. Fox, G. Hammer, and T. Maycock, 2017: Communicating Climate with Media –Tactics and Strategies. *American Meteorological Society 23rd Conference on Applied Climatology*, Asheville, NC, June 28, 2017.

Matthews, K. V., G. Hammer, S. Osborne, J. Fulford, and T. Maycock, 2018: 6.3: Climate Science and Social Media: Success Reaching the Masses. *American Meteorological Society 2018 Annual Meeting*, Austin, TX, January 9, 2018.

Maycock, T., 2019: An Introduction and Overview of NCA4. *4th National Climate Assessment Panel Series*, The Collider, Asheville, NC, January 24, 2019.

Maycock, T., 2019: Adaptation and Resilience in NCA4. *4th National Climate Assessment Panel Series*, The Collider, Asheville, NC, February 21, 2019.

Maycock, T., and J. Runkle, 2015: Climate and Health Assessment and related TSU activities. NCEI Branch Seminar Series, NOAA National Centers for Environmental Information, Asheville, North Carolina, July 28, 2015.

Maycock, T. and J. Runkle, 2016: Climate and Health. *Asheville Museum of Science Beer City Science Pub Series*, October 28, 2016, The Collider, Asheville, NC.

Osborne, S., K. V. Matthews, G. Hammer, J. Fulford, H. McCullough, K. Boseo, A. Sallis, and T. Maycock, 2018: 6.2: Communicating Science on Social Media: Strategic Keys to Success. *American Meteorological Society 2018 Annual Meeting*, Austin, TX, January 9, 2018.

Peng, G., and T. Maycock, 2015: Increasing sharing, expanding user base, and estimating impact of your research data using service tools and social media – a use case study. *Data Stories Blog*, June 29, 2015. <http://datastories.jiscinvolve.org/wp/?p=159>