

Selected North Carolina Climate Experts

| Contact | Role | Specialties | Bio/Program Information |
|--|---|---|---|
| Derek ("Deke") Arndt NOAA's Nat'l Centers for Environ. Information derek.arndt@noaa.gov | Chief, Climate Monitoring Branch | Climate monitoring, observations, climate change. | https://www.climate.gov/author/deke-arndt |
| Ryan Boyles, PhD rpboyles@ncsu.edu NC State University | Director, State Climate Office of North Carolina, University Director, DOI SE Climate Science Center | How climate data and climate science can be used to improve monitoring and decision-making. | http://climate.ncsu.edu/office/staff |
| Doug Gamble, PhD gambled@uncw.edu UNC Wilmington | Professor of Geography, Dept of Geography and Geology | Hydrology, climate variability, and vulnerability of coastal and island environments of the Caribbean and U.S. | http://people.uncw.edu/gambled/index.htm |
| Brian Magi, PhD Brian.Magi@uncc.edu UNC Charlotte | Assistant Professor of Atmospheric Science, Geography and Earth Sciences Dept | The relationship between fires, climate, and air quality. | http://brianmagi.uncc.edu |
| Karen McNeal, PhD ksmcneal@ncsu.edu NC State University | Associate Professor Dept of Marine, Earth and Atmospheric Sciences | Research is in geoscience education and geocognition, exploring human understanding of Earth systems. | http://www.meas.ncsu.edu/faculty/mcneal/mcneal.html |
| Charles "Pete" Peterson, PhD cpeters@email.unc.edu UNC Chapel Hill | Distinguished Professor Institute of Marine Sciences | Marine science, biology, ecology, coastal habitat protection, marine fisheries, coastal hazards | http://marine.unc.edu/people/faculty-2/charles-pete-peterson/ |
| Thomas Peterson, PhD thomas.carl. peterson@gmail.com Retired NOAA and WMO | Former President of the World Meteorological Organization's Commission for Climatology | Research meteorologist, relationship between extreme weather events and climate change. Former Chief Scientist at NOAA's National Climatic Data Center. | http://www.wmo.int/pages/prog/wcp/ccl/cclxvPresidentandVicepresident.php |
| Thomas Rickenbach, PhD rickenbacht@ecu.edu East Carolina University | Associate Professor of Atmospheric Science, Dept of Geography, Planning and Environment | How weather systems, from thunderstorms to hurricanes, control and respond to changes in regional climate. | http://myweb.ecu.edu/rickenbacht |

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| Carl Schreck, PhD cjschrec@ncsu.edu NC State University | Research Associate, Cooperative Institute for Climate and Satellites | Tropical weather and its impacts around the globe. | https://www.cicsnc.org/people/carl-schreck/ |
| Drew Shindell, PhD drew.shindell@duke.edu Duke University | Professor of Climate Sciences Nicholas School of the Environment | Natural and human influences on climate change, connections between air quality and climate change, interface between climate change science and policy. | https://nicholas.duke.edu/people/faculty/shindell |
| Adam Terando , PhD NC State University SE Climate Science Center | Adjunct Asst Professor Center for Geospatial Analytics | Impacts of climate and land use change on ecosystems and the complex human-environment relationships that drive these processes. | https://appliedecology.cals.ncsu.edu/faculty/adam-terando/ |
| Ashley Ward, PhD Univ. of North Carolina Carolinas Integrated Sciences and Assesments arward@email.unc.edu | Climate Integration and Outreach Associate | Connecting communities and policy makers with relevant climate data and information, particularly that related to vulnerabilities and impacts. | http://www.cisa.sc.edu/people_ward.html |
| Jason West, PhD jjwest@email.unc.edu UNC Chapel Hill | Associate Professor, Dept of Environmental Sciences and Engineering | Air pollution and climate change, tools for quantitative policy analysis. | http://www.unc.edu/~jjwest/about.html |
| Jessica Whitehead, PhD Jessica.Whitehead@ncdps.gov NC Office of Recovery and Resiliency | Chief Resilience Officer, NC Office of Recovery and Resiliency | Natural disaster/storm recovery, community re-building and re- design for long-term climate change resiliency. | https://www.coastalreview.org/2019/05/dps-names-recovery-and-resiliency-officers/ |
| Kathie Dello, PhD kddello@ncsu.edu North Carolina Climate Office | NC State Climatologist and Director, North Carolina State Climate Office | Climate communication and outreach, environmental & atmospheric sciences research, geography. | https://climate.ncsu.edu/office/staff |
| John Bruno, PhD jbruno@unc.edu UNC Chapel Hill Dept of Biology | Marine Ecologist and Professor UNC Dept of Biology | Impacts of climate change on marine ecosystems, human impacts on food webs, local strategies for ocean conservation. Visual journalism and science communication. | http://johnfbruno.web.unc.edu/ |