Jennifer A. Francis | jfrancis@WoodwellClimate.org | jenniferafrancis.com Woodwell Climate Research Center, 149 Woods Hole Rd., Falmouth MA 02540

Education: 1988-1994	University of Washington , Seattle, Washington Ph.D. in Atmospheric Sciences, August 1994. Dissertation title: <i>Arctic Process</i> <i>and Climate Studies with the TOVS Satellite Sounder</i> .
1985-1988 1975-1978	San Jose State University, San Jose, CA. B.S. in Meteorology, May 1988. University of New Hampshire, Durham, New Hampshire. Zoology major.
Employment: 2018-present 2018-present 1994-2018	Woodwell Climate Research Center, Senior Scientist Rutgers University Visiting Faculty, Department of Marine and Coastal Sciences Research Professor, Department of Marine and Coastal Sciences
2006-2018 Research:	Member of Graduate Program in Atmospheric Sciences Francis' career has focused on the Arctic climate system: how and why it is changing, and how the rapid warming and melting are affecting both the Arctic region and the global climate system. Her numerous projects have incorporated data from remote sensing systems, conventional measurements, and model simulations, synthesizing a broad range of scientific topics. Her research on connections between rapid Arctic warming and extreme weather in mid-latitudes led to a passion for effective science communication and numerous interactions with policy-makers, main-stream journalists (e.g., New York Times, Washington Post, PBS New Hour, CNN, and NPR), educators, and business entities. Francis is frequently invited to present her work at conferences, universities, non-profit organizations, and public groups.
Graduate Student Advisees	 Ph.D. Students: Yonghua Chen (5/05), Natasa Skific (4/09), Michael Foster (10/08), Weihan Chan (12/14). M.S. Students: Linong Yan (10/03), Natasa Skific (11/05), Marc Chiacchio (1/01), David Groves (1/01, U. of WA). B.S. Honors Advisor: Weihan Chan (5/05)
Awards and Honors	 Selected to testify at congressional hearing for the House Committee on Science, Space, and Technology in Washington DC, 2/13/2019. Research featured in <i>Rutgers Magazine</i>, "Earth in Balance," Fall 2018 issue. Top-50 most cited Rutgers experts in news media, 2018-19. Rutgers School of Environmental and Biological Sciences Excellence Award for Research, 2016. One of three researchers selected by Rutgers President Robert Barchi to join him in addressing alumni at events in New York, Philadelphia, and Washington D.C., 2015. Selected to testify at hearing of the U.S. Senate Committee on the Environment and Public Works, 7/18/2013.

Service	
2/2020-2023	AAAS Council Delegate, Section on Atmospheric and Hydrospheric Sciences
1/2020-present	Norwegian Scientific Academy for Polar Research, member
10/2014-present	SEARCH Sea-Ice Action Team, co-leader
9/2011-2017	National Academy of Sciences Polar Research Board member
8/2011-2016	Study of Environmental Arctic Change (SEARCH) Obs. Change Panel member
2013-2014	NRC Study Committee, The Arctic in the Anthropocene: Emerging Arctic Research Questions (2014)
2011-2012	NRC Study Committee, Seasonal-to-Decadal Predictions of Arctic Sea Ice: Challenges and Strategies (2012)
1/2007- 4/2009	Rutgers Climate and Environmental Change Initiative, Co-Director
2006	NSF/Arctic System Science Program science committee and Executive Comm.
4/1999-2002	NSF/Office of Polar Programs, Committee of Visitors (program review panel)
10/1998	NSF/OFAP Review Panel, Vice Chair in 2000, Chair in 2001
1/2004-1/2005	NSF/ HIAPER Review Panel
11/2003-2007	Program Chair of 2005 AMS Annual Meeting (4000+ attendees)
1/2007-1/2008	American Meteorological Society (AMS) Councilor and Exec. Committee
1/1997-1/2003	AMS Meetings Oversight Committee, Chair
4/1995-2003	AMS Committee on Polar Meteorology and Oceanog., Chair (2000-2003)
10/2003-4/2009	NASA Polar Pathfinder Working Group
1/2002	DOE Review Panel for Unmanned Aerial Vehicle Program.
4/1996-2001	Guest Investigator on NASA CERES Team
1990-1994	NASA TOVS Pathfinder Evaluation and Implementation Committees
3-4/1992	LeadEx Experiment, participant in airborne measurement component
	Member of AGU, AMS, AAAS, AWIS
Advisory Boards	
12/2018-present	Scientific American, Advisory Board member
1/2013-present	Metcalf Institute, U. of Rhode Island, Advisory Board member
1/2012-present	U. Mass. Lowell Env. Studies, Advisory Board member
10/2003-4/2009	NSF/ HIAPER (NCAR's Gulfstream V research aircraft) Advisory Council
9/2000-2005	Study of Environmental Arctic Change (SEARCH) Science Steering Comm.
4/1996-2005	NASA Polar (NSIDC) DAAC Advisory Group
5/1996-2/2004	NASA Langley DAAC Advisory Panel