

## SCOTT A. MANDIA

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### PROFESSIONAL PREPARATION

1990 M.S. Meteorology, The Pennsylvania State University, University Park, Pennsylvania  
1987 B.S. Meteorology, The University of Lowell, Lowell, Massachusetts

### APPOINTMENTS

2005 – Present Asst. Chair, Professor, Physical Sciences Department, Suffolk County Community College (SCCC) – Ammerman Campus, Selden, NY  
1999 – 2005 Professor, Physical Sciences Department, SCCC  
1994 – 1999 Associate Professor, Earth & Space Sciences Department, SCCC  
1991 – 1994 Instructor, Earth & Space Sciences Department, SCCC  
1990 – 1991 Instructor, Department of Earth & Space Sciences, The Pennsylvania State University  
1987 – 1990 Teaching Assistant, Department of Earth & Space Sciences, The Pennsylvania State University

### INITIATIVES

Jan 2012 – Present *Climate Science Legal Defense Fund* ([www.climatesciencedefensefund.org](http://www.climatesciencedefensefund.org))  
Co-founder and Chairman of the Board. The Fund defends climate scientists who are dragged into litigation and acts aggressively to protect the interests of the scientific endeavor. The Fund is creating platforms and opportunities for members of the scientific community to gain a better understanding of the legal issues surrounding their work. A 501(c)(3) legal organization.

Nov 2010 – Present *Climate Science Rapid Response Team* ([www.climaterapidresponse.org](http://www.climaterapidresponse.org))  
Co-founder and current matchmaker. The Climate Science Rapid Response Team is a match-making service to connect climate scientists with lawmakers and the media. The group is committed to providing rapid, high-quality information to media and government officials.

Aug 1999 – Present *SCCC Governance and Committees Website* ([dephome.sunysuffolk.edu/Governance/](http://dephome.sunysuffolk.edu/Governance/))  
Site designer and Webmaster for 38 college governance bodies and committees. Website houses current and archived agenda, minutes, calendar, membership, proposals, and resolutions for all College governing bodies and committees including academic standards and curriculum.

### PUBLICATIONS

#### Print:

Cook, J., Weber, D.J., Mandia, S.A. (2014). Raising climate literacy through addressing misinformation, *Journal of Geoscience Education*, September 2014, Vol. 62, No. 3, pp. 296-306. doi: <http://dx.doi.org/10.5408/13-071.1>.

Abraham, J.P., Cook, J., Fasullo, T., Jacobs, P.H., Mandia, S.A., Nuccitelli, D.A. (2014). Review of the consensus and asymmetric quality of research on human-induced climate change, *Cosmopolis*, Vol. 2014-1, pp. 3-18, 2014.

D.A. Nuccitelli, J.P. Abraham, R.E. Benestad, S.A. Mandia (2013). Comment on: Akasofu, S.-I. on the present halting of global warming, *Climate*, Vol. 1, pp. 76-83.

Janin, H. & Mandia, S. (2012). *Rising sea levels: An introduction to cause and impact*, Jefferson, NC: McFarland.

- Mandia, S. A., & Smiley, W. (2011). *A winter storm impacts the central and eastern united states*, Brantingham, NY: W.L.S. Publishing.
- Mandia, S. A., & Smiley, W. (2009). *Aspects of global winds and pressure belts*, Brantingham, NY: W.L.S. Publishing.
- Mandia, S. A., & Smiley, W. (2009). *The hourly weather graph*,. Brantingham, NY: W.L.S. Publishing.
- Mandia, S. A., & Smiley, W. (2009). *Investigations in atmospheric science: Planet earth - causes of climate*, Brantingham, NY: W.L.S. Publishing.
- Mandia, S. A., & Smiley, W. (2009). *Springtime severe weather*, Brantingham, NY: W.L.S. Publishing.
- Mandia, S. A., & Smiley, W. (2008). *Water vapor imagery and weather systems*, Brantingham, NY: W.L.S. Publishing.
- Mandia, S. A., & Smiley, W. (2008). *The climate connection – Earth’s ocean and surface currents*, Brantingham, NY: W.L.S. Publishing.
- Mandia, S. A., & Smiley, W. (2007). *The climate connection – The role of atmospheric aerosols*, Brantingham, NY: W.L.S. Publishing.
- Mandia, S. A., & Smiley, W. (2007). *The climate connection – The role of greenhouse gases*, Brantingham, NY: W.L.S. Publishing.
- Mandia, S. A., & Smiley, W. (2007). *A weather day in the united states*, Brantingham, NY: W.L.S. Publishing.
- Mandia, S. A., & Smiley, W. (2007). *A look at the skew-t diagram – Some basics*, Brantingham, NY: W.L.S. Publishing.
- Mandia, S. A., & Smiley, W. (2006). *Hurricane helene churns across the Atlantic*, Brantingham, NY: W.L.S. Publishing.
- Mandia, S. & Smiley, W. (1995). *Investigations in atmospheric science: Wind and global circulation*, Mattituck, NY: L.S.W. Publications, Inc.
- Mandia, S. & Smiley, W. (1995). *Investigations in atmospheric science: Clouds, fog, and precipitation*, Mattituck, NY: L.S.W. Publications, Inc.
- Mandia, S. & Smiley, W. (1995). *Investigations in atmospheric science: Air masses, weather fronts, and the station model*, Mattituck, NY: L.S.W. Publications, Inc.
- Mandia, S. & Smiley, W. (1994). *Investigations in atmospheric science: Measurements and mathematical concepts*, Mattituck, NY: L.S.W. Publications, Inc.
- Mandia, Scott A. (1994). The \$4 decision that saved a buddy’s life!, *Skin Diver Magazine*, 43(5), pp. 49.

Mandia, S. & Smiley, W. (1993). *Investigations in atmospheric science: Severe weather*, Mattituck, NY: L.S.W. Publications, Inc.

Mandia, S. & Smiley, W. (1993). *Investigations in atmospheric science: Earth-sun relations*, Mattituck, NY: L.S.W. Publications, Inc.

Mandia, S. & Smiley, W. (1992). *Investigations in atmospheric science: Pressure and density*, Mattituck, NY: L.S.W. Publications, Inc.

Mandia, S. & Smiley, W. (1992). *Investigations in atmospheric science: Temperature*, Mattituck, NY: L.S.W. Publications, Inc.

Mandia, S. & Smiley, W. (1991). *Investigations in atmospheric science: Latitude-longitude, locations and places*, Mattituck, NY: L.S.W. Publications, Inc.

### **Web:**

Mandia, S.A. (2009). Global warming: Man or myth?, Available: [http://www2.sunysuffolk.edu/mandias/global\\_warming/](http://www2.sunysuffolk.edu/mandias/global_warming/)

Mandia, S.A. (2001). Impacts of dramatic climate shifts on European civilizations: The rise and fall of the vikings and the little ice age, Available: <http://www2.sunysuffolk.edu/mandias/lia/>

Mandia, S.A. (1999). The long island express: The great hurricane of 1938, Available: <http://www2.sunysuffolk.edu/mandias/38hurricane/>

## **CONFERENCE PRESENTATIONS**

Bedford D., Cook, J, Schuenemann, K., Mandia, S. Cowtan, K., Nuccitelli D., Through the minefield: teaching climate change in a misinformation-rich environment. *American Geophysical Union Fall Meeting*, San Francisco, CA December 12-16, 2016.

Mandia, S.A., Teaching controversial issues 1: Climate and energy (short course): Why misinformation exists & how to properly debunk myths, *Geological Society of America 2015 Annual Meeting*, Baltimore, MD, October 31, 2015.

Mandia, S.A., Communicating climate change: Sometimes it's not about the science, *The Committee for Skeptical Inquiry's Reason For Change*, Buffalo, NY June 13, 2015.

Mandia, S.A., Communicating climate change: Sometimes it's not about the science, *American Geophysical Union Fall Meeting*, San Francisco, CA December 15-19, 2014.

Mandia, S.A., Teaching controversial issues 1: Climate and energy (short course): Effective model for teaching climate change in the high school and college classroom, *Geological Society of America 2014 Annual Meeting*, Vancouver, Canada, October 18, 2014.

Mandia, S.A., Teaching controversial issues 1: Climate and energy (short course): Why misinformation exists & how to properly debunk myths, *Geological Society of America 2014 Annual Meeting*, Vancouver, Canada, October 18, 2014.

Cook, J., Bedford, D., Mandia, S.A., Case studies in agnotology-based learning, *American Geophysical Union Fall Meeting*, San Francisco, CA December 9-14, 2013.

Mandia, S.A., Teaching controversial issues 1: Climate and energy (short course): Effective model for teaching climate change in the high school and college classroom, *Geological Society of America 2013 Annual Meeting*, Denver, CO October 26, 2013.

Mandia, S.A., Teaching controversial issues 1: Climate and energy (short course): Why misinformation exists & how to properly debunk myths, *Geological Society of America 2013 Annual Meeting*, Denver, CO October 26, 2013.

Mandia, S.A., A model for teaching a climate change elective science course at the community college level, *American Geophysical Union Fall Meeting*, San Francisco, CA December 3-7, 2012.

Mandia, S.A., Abraham, J., Dash, J., Ashley, M.C. B., Navigating negative conversations in climate change, *American Geophysical Union Fall Meeting*, San Francisco, CA December 3-7, 2012.

Mandia, S.A., Abraham, J., Dash, J., Ashley, M.C. B., Filling the knowledge gap that exists between the public and its leaders and climate science experts, *American Geophysical Union Fall Meeting*, San Francisco, CA December 3-7, 2012.

Conroy, J.L., Mandia, S., Abraham, J., Moffitt, S., Tootle, G., Environmental litigation and the role of climate scientists, *American Geophysical Union Fall Meeting*, San Francisco, CA December 3-7, 2012.

Mandia, S.A., Abraham, J., Weymann, R., & Ashley, M., The climate science rapid response team – A model for science communication, *American Geophysical Union Fall Meeting*, San Francisco, CA December 5-9, 2011.

Mandia, S.A., Abraham, J., Weymann, R., & Ashley, M., Scientists Shaping the Discussion, *American Geophysical Union Fall Meeting*, San Francisco, CA December 5-9, 2011.

Mandia, S.A., Abraham, J., Weymann, R., & Ashley, M., The climate science rapid response team – A model for science communication, *Geological Society of America Annual Meeting and Exposition*, Minneapolis, MN, October 9-12, 2011.

Mandia, S.A., Abraham, J.P. An emerging ethic of responsibility: A Case Study for Engaging the Public, *American Geophysical Union Annual Fall Meeting*, San Francisco, CA. December 13-18, 2010.

Mandia, S.A., Governance page and sccc website, "Conference on Computing in the Disciplines (COCID)/ 2<sup>nd</sup> Annual Educational Technology Summit Across The Curriculum (MATC) Conference, Brentwood, March 4, 2000.

Mandia, S.A., NEO web site, *Fourth Mathematics Across The Curriculum (MATC) Conference*, Bloomington, IN, July 9-10, 1999.

Mandia, S.A., Placing Spreadsheet Exercises on the Web as a Classroom Resource, *Fourth Mathematics Across The Curriculum (MATC) Conference*, Bloomington, IN, July 9-10, 1999.

Mandia, S.A., NEO web site, *Long Island Consortium for Interconnected Learning*, Farmingdale, NY, March 19, 1999.

Mandia, S.A., Placing Spreadsheet Exercises on the Web as a Classroom Resource, , *Long Island Consortium for Interconnected Learning*, Farmingdale, NY, March 19, 1999.

Mandia, S.A., Using the SCCC ESS Home Page in the Classroom, *Long Island Consortium for Interconnected Learning*, Stony Brook, NY, April 18, 1997.

Mandia, S.A., Internet in the classroom, *The First Annual TLC Technology Fair*, Selden, NY, October 23, 1996.

Mandia, S.A., Using the SCCC ESS Home Page in the Classroom, *Northeast Regional Conference - American Association Of Physics Teachers*, Brookhaven, New York, October 26, 1996.

## **AWARDS AND RECOGNITION**

Governance Award for Academic Excellence and Service winner from Ammerman Campus, Suffolk County Community College, 2015

Ambassador Award, American Geophysical Union, 2014.

Nominated, George Mason University, Center for Climate Change Communication, Climate Change Communicator of the Year, 2011.

Who's Who Among America's Teachers, 2002.

First Place Award for Best Web Site Class III, Faculty Association Web Site (<http://www.faascc.org>), presented by the American Federation of Teachers Communications Association, AFL-CIO at the AFTCA Annual Conference, 2002, 2001, 2000, 1999.

Recipient of State University of New York Chancellor's Award for Teaching Excellence, 1997.

Graduate Assistant Award for Outstanding Teaching in Science-Related Area, The Pennsylvania State University, 1990.

Hans Neuberger Award, The Pennsylvania State University, 1988.

Award for Special Recognition, The University of Lowell, 1987.

## **PROFESSIONAL MEMBERSHIPS**

American Geophysical Union, Conferred Union Fellow

American Meteorological Society

Union of Concerned Scientists

Professional Association of Diving Instructors