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## Theodore Lee Allen

### **EDUCATION:**

The University of Miami, PhD, Meteorology, 2015  
East Carolina University, MA Geography, Atmospheric Science Program, 2009  
The University of California, Santa Barbara, B.S., Geography Department, 1999

### **EXPERIENCE:**

**Postdoctoral Research Scientist**, The International Research Institute for Climate and Society, Earth Institute, Columbia University, 2015 – present  
**Technical Assistant**, Centre for Climate Change and Environmental Management, Malawi, 2015 -present  
**Meteorological Consultant – Vulnerability, Impact, and Adaptation Analyses in the Caribbean**, CaribSAVE, 2015  
**Director of Scientific Applications**, The International Environmental Data Rescue Organization, 2010 - present  
**Graduate Research Assistant**, The University of Miami, Dept. of Meteorology 2009 – 2015  
**Graduate Research Assistant**, East Carolina University, Dept. of Geography 2007 – 2009  
**National Sales Manager**, GU Sports, Berkeley, CA 2004 – 2007  
**Teacher**, Pajaro Unified School District, Santa Cruz, CA, 2003-2004  
**Marine Meteorologist**, Pacific Weather Analysis, Santa Barbara, CA, 2002-2003  
**Weather Producer**, KSTS Television, San Jose, CA, 2002  
**Senior Chemical Technician**, Santa Barbara, CA, 1999-2001.  
**Hazardous Materials Operations Technician**, Santa Barbara, CA, 1996-2000.

**Volunteer**, The UN Food and Agriculture Organization, Winter 2009, Rome, Italy  
**Intern**, Scripps Institute of Oceanography, El Nino Research Cruise, Fall 1998  
**Intern**, WJXT Weather Forecast Station, Jacksonville, FL, Summer 1998

### **INTERNATIONAL ENVIRONMENTAL DATA RESCUE PROJECTS:**

- Bangladesh Meteorology Department, Dhaka, Bangladesh, December 2015
- Zambia Meteorology Department, Lusaka, Zambia July 2015
- Department of Climate Change and Meteorological Services (DCCMS), Blantyre, Malawi July 2015

- Centre of Hydrometeorological Service at Cabinet of Ministers of the Republic of Uzbekistan (UZHYDROMET), Tashkent, Uzbekistan, October 2014
- African Center for Meteorological and Applications Development (ACMAD), Niamey, Niger July 2013
- National Service of Meteorology and Hydrology (SENAMHI), La Paz, Bolivia April 2012
- National Service of Terrestrial Studies (SNET) San Salvador, El Salvador, June 2011

### **RESEARCH WORKSHOP PARTICIPATION:**

- **2016 Dry Season Caribbean Climate Outlook Forum (CariCOF) Seasonal Forecast Training Workshop.** Dec 1-2, 2016, St. George's, Grenada
- **2016 Wet Season Caribbean Climate Outlook Forum (CariCOF) Seasonal Forecast Training Workshop.** May 25-28, 2016, Roseau, Dominica
- **Community Workshop: COCONet - Results, Sustainability, and Capacity Building.** May 3-5, 2016 Punta Cana, Dominican Republic.
- **2015 Wet Season Caribbean Climate Outlook Forum (CariCOF) Seasonal Forecast Training Workshop.** May 27-30, 2015, Rodney Bay, Saint Lucia
- **WMO International Workshop on Rescuing Climate Heritage of Indian Ocean Countries.** Apr. 21-24, 2014, Maputo, Mozambique
- **2013 Pan American Advanced Studies Institute (PASI) – Atmospheric Processes of Latin America and the Caribbean: Observations, Analysis, and Impacts.** May 27 – June 7, 2013, Cartagena, Colombia.
- **Climate Data Analysis and Visualization Using Online Webtools,** Sept. 25-28, 2012, Jimmit, Dominica.
- **Capacity Building Workshop on Data Rescue and Climate Change Indices: A Contribution to the Implementation of The Global Framework for Climate Services in the Caribbean,** May 7-10, 2012, Kingston, Jamaica.
- **2011 National Center for Atmospheric Research and Center for Disease Control Colloquium on Climate and Health,** July 11-15, 2011 Boulder, Colorado.
- **Asia-Pacific Network for Global Change Research: Improving Pacific Island Meteorological Data Rescue and Data Visualisation Capabilities through Involvement in Emerging Climate Research Programmes,** Auckland, New Zealand, Sept. 2010.

### **COMPUTING SKILLS:**

**GIS:** ArcView

**Data analysis and visualization:** GrADS, IDL, IDV

**Remote sensing analysis:** ENVI, ERDAS-Imagine

Adobe Photoshop

### **PROFESSIONAL MEMBERSHIPS:**

**American Geophysical Union** – member 2001-present

**American Meteorological Society** – member – 2001-present

## **REFEREED PUBLICATIONS:**

1. **Allen, T.L.**, Mapes, B.E. (2016), The late spring Caribbean rain-belt: climatology and dynamics, *International Journal of Climatology*, *in revision*
2. **Allen, T. L.**, Mapes, B. E. and Cavanaugh, N. (2016), Informativeness of wind data in linear Madden–Julian oscillation prediction. *Atmosph. Sci. Lett.*, 17: 362–367. doi: 10.1002/asl.666
3. Cavanaugh NR, **Teddy A**, Subramanian A, Mapes B, Seo H, Miller A (2015) The skill of atmospheric linear inverse models in hind-casting the Madden–Julian Oscillation. *Climate Dynamics*. doi:10.1007/s00382-014-2181-x
4. 3. T. Stephenson, L. Vincent, **T. Allen**, C. Van Meerbeek, L. McLean, 2014: Trends in Indices of Daily and Extreme Temperature and Precipitation in the Caribbean Region, 1961-2010, *International Journal of Climatology*
5. **T. Allen**, S. Curtis, D. Gamble, 2010: The Mid-Summer Dry Spell’s Impact on Vegetation in Jamaica. *Journal of Applied Meteorology and Climatology*
6. Gamble, D.W., D. Campbell, **T.L. Allen**, D. Barker, S. Curtis, D.F.M. McGregor, and E.J. Popkee, 2010: Climate change, drought, and Jamaican agriculture: Local knowledge and the climate record. *Annals of the Association of American Geographers*