PROGRAM INFORMATION:

List the departments and programs at your institution that are engaged in atmospheric and related sciences.

Atmospheric and Climate sciences are embedded in programs across three University of Connecticut Colleges (Liberal Arts and Sciences, Engineering, and Agriculture, Health and Natural Resources. The departments having faculty active in related research and education include: Marine Sciences, Geography, Ecology and Evolutionary Biology, Environmental Engineering, Natural Resources and the Environment, Chemical and Biomolecular Engineering, UConn Health Department of Medicine Division of Occupational and Environmental Medicine, The Atmospheric Sciences Group (ASG), The Center for Environmental Sciences and Engineering (CESE).

Indicate the total number of tenure-track and non-tenure-track faculty in the departments and programs listed above who are involved in atmospheric and related sciences.

Across the university, we have 20 Tenure-track Faculty, and 1 Research Faculty involved in our programs.

List the relevant degrees, certificates, and other educational programs offered in the atmospheric and related sciences at your institution.

The University of Connecticut grants the following degrees: BA, BS, MA, MS, PhD from the departments listed above.

How many undergraduate degrees were awarded in atmospheric and related sciences during the last eight years? **103**

How many graduate degrees were awarded in atmospheric and related sciences during the last eight years? **26**
PROGRESS IN ATMOSPHERIC AND RELATED SCIENCES:
Indicate your institution's progress and contributions in the atmospheric and related sciences within the last eight years. Check all that apply.

- Produced refereed and/or non-referreed publications
- Produced textbooks or other teaching materials
- Received external funding
- Participated in scientific societies

Briefly describe any additional contributions or information you wish to share with the committee. (optional)

Post Hurricane Sandy - Produced training materials on hurricanes and mold: The health concerns; reducing personal risk; and rebuilding with resiliency.

PARTICIPATION IN UCAR ACTIVITIES:

How many of the last eight Annual Members Meetings has at least one Member Representative from your institution attended? 8

If applicable, list the UCAR Governance Committees that your faculty and staff have served on during the last eight years. n/a

If applicable, list the NCAR Advisory Committees or Panels that your faculty and staff have participated in during the last eight years. n/a

If applicable, briefly list UCAR/NCAR facilities and/or resources used by your faculty, staff, and students during the last eight years. NCAR computing facilities

If applicable, briefly list examples of collaborative research activities with UCAR/NCAR staff by your faculty, staff, and students during the last eight years.

Asthita, Marina: Luca Delle Monache (RAL), Sarah Tessendorf (RAL), Craig Schwartz (MMML)

Edson, James: Peter Sullivan, LES over wavy surfaces; Tom Horst and Steve Semmer, Sonic array deployed during OHATS; Bill Brown, Atmospheric soundings from CLIMODE and DYNAMO field programs, extended summer visit 2008

Seth, Anji: NOAA MAP Collaborative Grant with L.O. Mearns 2012-2016, extended summer visit to NCAR June-July 2015

Wang, Guiling: co-authored a paper with Gordon Bonan and Sam Levis; contributed code to the NCAR CLM model development

Michael Whitney: DOE-funded modeling project collaborating with Frank
Bryan and Yu-heng Tseng (NCAR), extended summer visits to NCAR 2013, 2015

If applicable, list participation in any other UCAR/NCAR activities by your faculty, staff, and students during the last eight years that are not already indicated above.

Qiang Sun: PhD student (of Michael Whitney) attended Ocean Modeling Working group meeting at NCAR


Cary Lynch: PhD student (of Anji Seth) participated in the Community Earth System Modeling Tutorial (NCAR), 2011.

James Edson: participated in the UCAR sponsored Year of the Maritime Continent (YMC) workshop held at NCAR in 2015. two science talks in the NCAR seminar series in 2008 (hosted by Tom Horst on CLIMODE) and 2015 (hosted by Steve Oncley on DYNAMO).

Anji Seth: brownbag talk (hosted by L. Mearns IMAGe) 2015.