University Name: University of Texas Arlington
Name of Member Representative: Ramon E. Lopez
Name of Member Representative: Arne M.E. Winguth

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

- Department of Earth & Environmental Science
- Department of Physics
- Department of Civil Engineering

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.

- Department of Earth and Environmental Sciences - 10
- Department of Physics - 2
- Civil Engineering - 3
- Total - 15

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

- Masters of Earth and Environmental Science-Environmental Science Option
- Masters of Earth and Environmental Science-Geoscience Option
- Ph.D. in Earth and Environmental Science
- Masters in Physics
- Ph.D. in Physics
- Masters in Civil Engineering
- Ph.D. in Civil Engineering

How many undergraduate degrees were awarded in atmospheric and related sciences during the last eight years? 80

How many graduate degrees were awarded in atmospheric and related sciences during the last eight years? 72

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-refereed 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)

The atmospheric science-related faculty has collaborated with UCAR, and with the National Center of Atmospheric Research (NCAR) successfully in the past in the areas of paleoclimate, hydrometeorology, and space weather prediction. UTA faculty are engaged in collaborations with UCAR member universities, received funding from NSF, NASA, NOAA, as well as non-profit foundations, and used the NCAR Wyoming Supercomputer Facility.

**PARTICIPATION IN UCAR ACTIVITIES:**

How many of the last eight Annual Members Meetings has at least one Member Representative from your institution attended? 7

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

**UCAR membership nomination committee**

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

**NCAR CISL CHAP (High-performance computing allocations panel) and Science Advisory Panel for Yellowstone.**

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

- NCAR/HAO
- NCAR/CDG
- NCAR/CISL
- NWSC
- UCAR SOARS
- COMET
- CISL-OUTREACH

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

**Examples include:**

Roman Lopez collaborated with Michael Wiltberger at NCAR/HAO and published joint papers. Yue Deng’s group has collaborated with NCAR scientists (including Ray Roble and Art Richmond) and published joint papers, and her former Ph.D. student, Cheng Shen, is now a PostDoc with Gang Lu at NCAR.

Arne Winguth has collaborated with NCAR/CDG Jeff Kiehl, Christine Shields, Nan Rosenbloom, and Bette Otto-Bliesner and published joint papers.
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.

Faculty and student participated on CESM and WRF tutorials and set-up of WRF. In addition, undergraduate student participated on the SOARS program. Students and faculty participated on the CESM1 Annual Workshop UTA researchers and students have used and are using NWSC resources (Yellowstone, Glade), datasets (NCEP, Earth System Grid and graphical software developed by NCAR (e.g. NCL, NCAR graphics, netcdf).