**University Name**  
Utah State University  
Name of Member Representative **Dr. Robert R. Gillies**  
Name of Member Representative

**PROGRAM INFORMATION**

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

- Department of Plant, Soils & Climate; Geology; Sociology; Physics; Watershed Science; Civil & Environmental Engineering; Ecology Center; Space Dynamics Laboratory; Utah State University Water Lab; Center for Atmospheric and Space Sciences.

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.

- **Tenure-track**: 27
- **Non-tenure-track**: 19

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

- BS, BA, MS, PhD. BS in Climate Science was recently approved and this will provide more undergraduate degrees in the future. This program was approved in conjunction with the Taiwan International Graduate Program.

How many undergraduate degrees were awarded in atmospheric and related sciences during the last eight years? **693**

How many graduate degrees were awarded in atmospheric and related sciences during the last eight years? **500**

**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)
PARTICIPATION IN UCAR ACTIVITIES
How many of the last eight Annual Members Meetings has at least one Member Representative from your institution attended? 0

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

Dr. David Tarboton-Unidata Policy Committee 2006-2012.

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

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

Graduate student, Avirup Sen Gupta, was a Visiting Fellow at Unidata from July to August 2011.

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

Dr. David Tarboton collaborated with Martyn Clark and David Gochis at NCAR on 4 papers, report and presentation.

Dr. Jiming Jin helped develop the UCAR's major regional weather and climate model, the Weather Research Forecasting (WFR) by coupling it with the Community Land Model; officially released at UCAR in April 2013. Dr. Jin also helped develop the WRF model by coupling it with a physically based lake model; officially released at UCAR in April 2014.

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.

Dr. David Tarboton participated in a CUAHSI-NCAR workshop October 2015.


Several students of Dr. Jin's and Dr. Robert Gillies' have annually given numerous presentations at WRF workshops between 2007-2015.