University Name Stanford University
Name of Member Representative Noah Diffenbaugh
Name of Member Representative Jeff Koseff

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

Degree-Granting Academic Departments:
Department of Civil and Environmental Engineering
Department of Earth System Science
Department of Geophysics

Degree-Granting Programs:
Atmosphere and Energy Program
Earth Systems Program
Computational Geoscience Program

Research Centers and Institutes:
Woods Institute for the Environment (and associated research Centers)

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. Total = 32

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

Ph.D. in Civil and Environmental Engineering
M.S. in Civil and Environmental Engineering
B.S. in Civil and Environmental Engineering

Ph.D. in Earth System Science
M.S. in Earth System Science

Ph.D. in Geophysics
M.S. in Geophysics
B.S. in Geophysics

M.S. in Computational Geoscience

Ph.D. in Atmosphere and Energy
M.S. in Atmosphere and Energy
B.S. in Atmosphere and Energy

M.S. in Earth Systems
B.S. in Earth Systems

How many undergraduate degrees were awarded in atmospheric and related sciences during the last eight years? 300
How many graduate degrees were awarded in atmospheric and related sciences during the last eight years? 400
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
- 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? 7

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

- PACUR
- UCAR Membership Committee
- UCAR Governance Task Group
- UCAR Members Nominating Committee

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

- Non-NSF Proposal review committee (Chair)

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

- CISL High Performance Computing facilities
- CESM (model code)
- WRF (model code)
- CESM Large Ensemble "LENS" experiment (model output)
- NCEP/NCAR reanalysis (output)

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

- NCAR MMM staff on turbulence modeling
- NCAR MMM staff on subgrid-scale models for large-eddy simulation
- NCAR CGD staff on climate impacts research
- NCAR ACD and CGD staff on distribution of atmospheric of nitrogen in the ocean

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.

- CESM working groups
- CESM graduate student tutorial
- NCAR workshops as invited speakers and participants (CESM workshops, IMAGE workshops)