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MĀNOA

## Funded PhD Positions in Multiscale Modeling of Stratosphere and Aerosol-Cloud Interactions

Dr. Hongwei Sun is seeking 1-2 PhD students (starting Fall 2025) to join his [research group](#) in the [Department of Atmospheric Sciences](#) at the University of Hawaii at Manoa. Sun Group focuses on developing and applying various modeling methods to study multiscale atmospheric processes, including (1) large-scale stratospheric transport, dynamics, and aerosols and (2) small-scale aerosol-cloud interactions. Students can also study applications of (1) and (2) in climate engineering (or geoengineering) if interested. Students are encouraged to email Dr. Hongwei Sun at [hongwei8@hawaii.edu](mailto:hongwei8@hawaii.edu) to express their interest (with their CV and transcript) before applying.

### Required Qualifications:

- (1) A BS or MS degree in Atmospheric Science, Environmental Science, Physics, Math, Computer Science, or a related field.
- (2) Strong self-motivation and enthusiasm for atmospheric sciences.

### Preferred Qualifications:

- (1) Research experience in atmospheric sciences.
- (2) Proficiency in programming languages (e.g., Fortran, Python, Matlab, R).
- (3) Good written and oral communication skills.

\*Please note that while the above qualifications are preferred, Dr. Sun is committed to helping students develop/enhance these skills throughout their graduate studies, provided they are self-motivated and enthusiastic.

### Application Instructions:

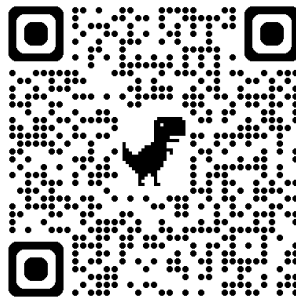
The PhD application process consists of two parts:

Part 1: Submission to the University of Hawaii Graduate Division.

Part 2: Submission of Materials to the Dept. of Atmospheric Sciences.

For detailed instructions, please

visit: <https://www.soest.hawaii.edu/atmo/index.php/graduate-program-overview/#gradapply>.



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