The Boundary Layers and Turbulence lab in the Department of Atmospheric Sciences at the Texas A&M University, is seeking one Ph.D student to join our team. Our lab uses turbulence resolving measurements and models of the atmospheric boundary layer to study surface layer turbulence and surface-amospheric exchanges.

Candidates will conduct large eddy simulations of a forested canopy to investigate canopy turbulence and land-atmosphere feedbacks. Successful candidates will join a collaborative and interdisciplinary team, with opportunities to work closely with collaborators from CU Boulder, Texas Tech University, National Center for Atmospheric Research, Technical University Dresden and other leading research institutions.

All applicants are expected to have a strong quantitative background, such as atmospheric and oceanic sciences, environmental fluid dynamics, computer science, physics, math or other closely aligned fields.

A PhD applicant should also meet the Texas A&M University Graduate School admission requirements.
A successful candidate will have one or more of the following:

- Strong programming skills (Python/Matlab, Fortran)
- Familiarity with high performance computing, linux OS
- Familiarity with field measurements or field experience experience (eddy covariance, LiDAR deployments, etc)
- Excellent data visualization and communication skills
- Strong intellectual curiosity

Please email Dr. Sreenath Paleri (paleri@tamu.edu) with a single PDF containing: 1) CV; 2)Transcript; 3) Cover letter outlining your research experience, skills, and future interests; 4) Contact information for three references.

Please indicate your name and the position you are applying for in the email subject line (e.g., [Your name] - [PhD Application]). Applications received by December 26, 2025, will receive full consideration. Review will continue until the position is filled. Competitive applicants will be guided through the formal application process via the Texas A&M University system [link].