



Postdoctoral research position in Large Eddy Simulation of Dust Emission from Complex Terrain

One postdoctoral research position is available in the Department of Atmospheric and Oceanic Sciences at the University of California, Los Angeles. The successful candidate will work in the broad area of numerical studies of dust emission from arid surfaces over complex terrain, with a focus on processes within the atmospheric boundary layer. This work is part of a larger initiative bridging dust transport across a broad range of scales, from boundary-layer turbulence to global transport and implications for climate. Candidates must have a PhD degree in atmospheric/oceanic sciences, engineering, applied math, or a closely related field. Research experience in turbulence, numerical modeling, large eddy simulation, and parallel computing is highly desirable. The successful candidate will be co-advised by Profs. Marcelo Chamecki and Jasper Kok, and join a growing group of students and postdoctoral researchers working in this area. The salary will be competitive and commensurate with relevant experience. Applications from women and underrepresented minorities are particularly encouraged, and U.S. citizenship or residency is not required.

Interested applicants should send a CV with a cover letter, names of three references, and a summary of recent work and research interests. All applications should be submitted electronically as a single PDF document to Prof. Marcelo Chamecki (chamecki@ucla.edu). This appointment is for one year and may be renewed pending satisfactory performance and funding availability for up to two additional years. The start date would preferably be between January and March 2020. Review of applications will begin immediately and continue until the position is filled.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see <http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct>.