The Department of Civil and Environmental Engineering (CEE), in collaboration with the Partnership for Air Quality, Climate, and Health (PACH), at Colorado State University (CSU) invites applications for a tenure-track assistant professor position in the area of environmental engineering with a focus on air quality. CSU is a land-grant institution with a strong commitment to research and education that impact society and address global problems.

**Description:** We are seeking an environmental engineer or scientist who specializes in air quality research. The focus may be on modeling and/or laboratory and field work. Modeling expertise may include air quality on urban to regional scales, air quality forecasting, or modeling of pollutant sources, dispersion, and impacts on local to regional scales (list is exemplary and not exclusive). Laboratory and field work may include development and deployment of sensor systems for air pollutants / air toxics, development of new methods for quantifying pollutant concentrations and environmental impacts, or field work aimed at improving understanding of pollutant sources, dispersion, and impacts (list is exemplary and not exclusive). There is particular interest in applied research that could lead to innovative solutions to air pollution problems, both locally and globally. The successful applicant’s interests should complement existing expertise across CSU. The position will support the teaching and research mission of the Environmental Engineering program through his/her research program and by developing and teaching courses in air quality and environmental engineering. The hire is also expected to participate actively in the development and implementation of research projects launched by PACH, of which he/she will become a member. This latter requirement is consistent with the origination of this position as part of a university-wide cluster hire initiative in Air Quality, Climate and Health.

**Responsibilities:** The successful candidate will be expected to: (1) develop and maintain an internationally-recognized, externally-funded research program; (2) provide intellectual leadership and excellence in teaching undergraduate and graduate courses in civil and environmental engineering; (3) pursue scholarly activities; and (4) serve the academic community and contribute to university outreach. The successful candidate will be expected to address interdisciplinary research problems that complement and expand current activities in the CEE Department, and to collaborate effectively with other faculty within the Department, PACH, and across the university.

**Qualifications:** A Ph.D. degree in Civil and Environmental Engineering or a closely related discipline is required and must be completed by the start date. Candidates must also have a demonstrated record of publication on the topic of air quality in the peer-reviewed literature. Candidates will be evaluated on the basis of their alignment with the focus areas given above, their academic credentials, their record of excellence in research, teaching, and scholarly activities, potential for success in developing funded research programs, professional service, communication skills, and their potential to make exceptional contributions in research, teaching, and the engineering profession.

**Appointment:** The position will be filled at the rank of assistant professor.

**Salary and benefits:** CSU provides nationally competitive salaries commensurate with qualifications and experience, excellent benefits (http://www.hrs.colostate.edu/benefits/index.html), and extensive facilities and laboratories.

**Proposed Start Date:** August 16, 2016, or as negotiated. Please apply here: http://jobs.colostate.edu/postings/18166

**Deadline:** For full consideration, please submit an application by 11:59 pm MDT January 3, 2016. Applications will be accepted until the position is filled.

**To Apply:** A complete application must include all the following
• a **cover letter** of not more than one page;
• a detailed **curriculum vitae**, including a list of refereed journal articles, evidence of teaching experience and quality and, if applicable, a list of submitted and funded projects for which the applicant was either the principal investigator or a co-principal investigator;
• a **vision statement** of not more than two pages, including separate sections on research philosophy and vision (one page) and on teaching philosophy and vision (one page), describing how the applicant would strategically fit into the CEE Department at CSU; and
• a **list of only three references** (references will not be contacted without prior approval of candidates). Application materials of semifinalist candidates, including letters of reference, will be made available for review by the entire CEE faculty.

If you have questions about this search, please contact the search chair, Dr. Ken Carlson, at Kenneth.Carlson@ColoState.EDU.

Colorado State University, with an enrollment of approximately 32,000 students, is located in Fort Collins, Colorado, a community of approximately 156,000 people located at the foothills of the Rocky Mountains about 65 miles (105 km) north of Denver. Fort Collins is routinely recognized as one of the most desirable places to live in the USA; residents enjoy an excellent school system, an expansive park and natural area program with extensive biking, hiking and walking trails, and over 300 sunny days a year. More information about Fort Collins and Colorado State University can be obtained at [http://www.visitftcollins.com](http://www.visitftcollins.com) and [http://www.colostate.edu/visiting-campus.aspx](http://www.colostate.edu/visiting-campus.aspx).

The CEE Department at CSU is recognized both nationally and internationally for its education, research, and service and outreach programs, and is ranked in the top 40 of such programs in the USA. The CEE Department consists of 33 tenured and tenure-track faculty, 15 research scientists/scholars, 25 research associates, and 12 administrative professionals. Additional information about the CEE Department can be found at [http://www.engr.colostate.edu/ce/](http://www.engr.colostate.edu/ce/). Air quality research and teaching at CSU spans several departments, including Atmospheric Science, Mechanical Engineering, Chemistry, Environmental and Radiological Health Sciences, Soil and Crop Sciences, and the Cooperative Institute for Research in the Atmosphere. The CSU Partnership for Air Quality, Climate, and Health serves to build community across these units, in addition to engaging key stakeholders so that our work produces beneficial impacts in Colorado, the U.S., and abroad.

**Condition for Employment:** Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.

**Commitment to Diversity and Inclusion:** Reflecting departmental and institutional values, candidates are expected to have the ability to advance the Department's commitment to diversity and inclusion.

Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity or expression, or pregnancy. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.