

Postdoctoral fellow position in atmospheric chemistry

A joint postdoctoral position is available in the Cooperative Institute for Research in Environmental Sciences (CIRES) at the University of Colorado-Boulder and the Institute for Environmental and Climate Research at Jinan University. The postdoctoral fellow will focus on studying the emissions and chemistry of volatile organic compounds (VOCs) in anthropogenically influenced regions in China and the United States. The successful candidate will participate in field campaigns to measure VOCs in the atmosphere using state-of-the-art mass spectrometers (PTR-ToF, GC-ToF-MS, ToF-CIMS) and analyze comprehensive datasets to investigate (1) emission characteristics of hydrocarbons and oxygenates from urban emissions; (2) chemical removal of primary compounds and formation of secondary compounds; (3) the contributions of different VOC species to formation of secondary pollution (e.g. ozone and secondary organic aerosol).

The postdoctoral fellow will work closely with a group of scientists at the University of Colorado (Prof. Joost de Gouw) and Jinan University (Prof. Min Shao and Prof. Bin Yuan), with opportunities to spend time for research in both institutes. The successful candidate is expected to conduct field campaigns, analyze data, present at international conferences and publish research findings in peer-reviewed journals. The postdoctoral fellow will be employed by Jinan University and receive an annual salary of 220,000-370,000 RMB (approximately 34,000-57,000 USD), depending upon experience and qualification.

A PhD in atmospheric sciences, chemistry, environmental sciences, or a related discipline is required. Experience in mass spectrometry is highly desirable. Experience in conducting field campaigns in atmospheric chemistry is also an asset. To apply, please submit a detailed CV, electronic copies of first-authored papers, and contact information for 3 references to Joost de Gouw (Joost.deGouw@Colorado.edu) and Bin Yuan (byuan@jnu.edu.cn). The position can be filled as soon as Summer 2018 and will be kept open until filled.

中美科罗拉多大学—暨南大学联合博士后招聘（大气化学方向）

美国科罗拉多大学博尔德分校环境科学联合研究中心 Joost de Gouw 教授团队与暨南大学环境与气候研究院邵敏教授团队联合招收大气化学方向博士后。

研究方向： 中国和美国人为源影响下的挥发性有机物（VOCs）的排放和化学转化过程。主要研究内容为：参加大型外场观测并使用先进的在线质谱技术（PTR-TOF、GC-TOF-MS 和 ToF-CIMS）测量大气中 VOCs，重点关注（1）超大城市的烃类和含氧 VOCs 排放特征；（2）VOCs 在大气中的化学转化过程；（3）不同 VOCs 物种对二次污染生成的贡献（如臭氧和二次有机气溶胶）。

岗位待遇： 该博士后将得到美国科罗拉多大学环境科学联合研究中心和中国暨南大学环境与气候研究院两方科学家的共同指导，包括 Joost de Gouw 教授、邵敏教授和袁斌教授等。该博士后将在两所院校的实验室开展研究工作、参加外场观测、分析数据并发表高质量文章。该博士后将获得 22-37 万元的年薪（依据申请者的学术成果而定）。

申请要求： 应拥有大气科学、化学、环境科学或相关领域的博士学位，有质谱运行或大气科学外场观测经验者优先考虑。

联系方式： 有意者请将个人英文学术简历、第一作者文章 pdf 全文、三封推荐信的联系方式发送至 Joost de Gouw 教授（Joost.deGouw@Colorado.edu）和袁斌教授（byuan@jnu.edu.cn）。简历递交即日开始，长期有效，录到即止。

课题组更多介绍，请参见：

美国科罗拉多大学 Joost de Gouw 教授团队：<https://www.cires.colorado.edu/council-fellows/joost-de-gouw>

暨南大学邵敏教授团队：https://ecins.jnu.edu.cn/teacher_list.php?id=25