Postdoctoral position in Unmanned Aircraft System (UAS) remote sensing

A postdoctoral position is available to take part in founding an NSF funded research facility for applying unmanned aircraft systems (UAS) for landscape remote sensing at Oregon State University. The landscapes will cover a range of cover types and features. The primary UAS sensors will include high-speed pressure/temperature/humidity, optical, LiDAR, near infrared, and thermal. A primary research objective is to develop high resolution spatial databases for Center for Transformative Environmental Monitoring Programs (www.CTEMPs.org).

Travel throughout the U.S. will be required (expected to be 12-trips/year and typically 4-5 days in length), with the additional possibility of international travel in subsequent years. The position provides a competitive 12-month stipend at 0.75 FTE with the possibility of supplementing the stipend through success in research proposals. Comprehensive health insurance is also included. The position is funded for at least three years (subject to performance) starting July 1, 2016.

The successful candidate will be able to support the physical, electronic, and informatics aspects of UAS. Candidates must either have, or be able to gain shortly after starting, a pilot's license or ground school certification.

Oregon State University is located in Corvallis Oregon between Portland and Eugene. Ocean beaches, lakes, rivers, forests, high deserts, and the Coast and rugged Cascade Ranges are within a 100-mile drive of Corvallis. For information about the College of Forestry at OSU, visit http://www.cof.orst.edu/

Candidates must possess a PhD degree in Geomatics, Engineering, or related field that supports UAS applications. Interested candidates should send their application, curriculum vitae including a list of publications, a brief description of research interests, and two letters of recommendation to:

Michael Wing
Peavy Hall 280, FERM
Oregon State University
Corvallis, OR 97331
541-737-4009

For further details, please feel free to contact:

Michael Wing
Aerial Information System Lab Director
http://ais.forestry.oregonstate.edu/
Michael.Wing@OregonState.edu

John Selker
co-Director, CTEMPs.org
John.Selker@OregonState.edu

Closing date: June 1, 2016 or until the position is filled.