Doctoral Student in *soft computing and modeling* for evapotranspiration diagnostics and prognostics

The University of Nebraska-Lincoln's *Climate Analytics, Analysis, and Synthesis for Action (CAASA) Research Collective* is offering a Ph.D. position on soft computing and modeling for evapotranspiration diagnostics and prognostics in the School of Natural Resources or the Department of Biological Systems Engineering. We look for an enthusiastic individual able to collaborate within a diverse and inclusive environment, curious to engage in basic and applied research, and eager to transform her/his/their research into innovative approaches to design, build, and apply geospatial analytics, GIS, and computer vision techniques for remote sensing in the environment. The incumbent will be part of collaborative network of scientist, engineers, and practitioners working on **the integration of remote sensing, biophysical modeling, and expert systems for field-to-regional water resources management using image processing and data driven models**.

We welcome applications from individuals with (1) strong programming skills (Python, Google Earth Engine, JavaScripting); (2) strong oral and written communication skills; (3) a bachelor's and master's degrees in atmospheric sciences, civil, environmental, or biosystems engineering, computer science, or other scientific and engineering backgrounds are encouraged to apply; and (4) a commitment to work in an interdisciplinary and team-based research collective that fosters diversity, equity, and inclusion.

Review of applications will begin immediately and proceed until the position is filled. Applications should be submitted electronically containing (1) a CV, (2) a two-page maximum Research Interests or Letter of Intention; and (3) the contact information for three professional references to be sent to fmunoz@unl.edu (use in the subject "**Evapotranspiration diagnostics and prognostics**").

Information about the graduate program application process can be found at the links below (including the contact person for further questions and additional requirements such as three recommendation letters, test scores, and transcripts),

- School of Natural Resources: https://snr.unl.edu/gradstudent/nresprogram.aspx
- Department of Biological Systems Engineering: https://bse.unl.edu/graduate-programs

Recognizing that diversity enhances creativity, innovation, impact, and a sense of belonging, the Institute of Agriculture and Natural Resources (IANR) and the School of Natural Resources are committed to creating learning, research, Extension programming, and work environments that are inclusive of all forms of diversity. Consistent with the **University's N2025 Strategic Plan**, every person and every interaction are treated as important to our collective well-being and our ability to deliver on our mission.

As an EO/AA employer, the University of Nebraska considers qualified applicants for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See **https://www.unl.edu/equity/notice-nondiscrimination**.