Post-doc opportunity: Ecophysiological responses to drought in northeastern forests - University of New Hampshire

We are seeking a highly motivated and well-qualified post-doctoral scientist to participate in an on-going throughfall removal field experiment aimed at understanding the vulnerability and resilience of northeastern forests to extreme drought. An important focus of this post-doctoral position will be to assess plant physiological responses to moisture stress associated with non-structural carbohydrate dynamics, stem hydraulic conductivity, sap flow, and foliar gas exchange. Additionally, the research also involves using dendro-isotopic techniques to assess patterns in stem growth and water use efficiency in relation to climate variability.

Successful candidates should have completed a PhD degree in plant ecophysiology, ecosystem ecology, or a related field. Ideally, the candidate should also have previous experience using diverse physiological techniques to assess plant vulnerability and resilience to moisture stress and characterizing plant adaptive traits, as well as expertise in managing and maintaining large field experiments and working with large data sets. Candidates should also be able to document strong statistical and writing skills.

Pending the availability of funds, this will be a two-year position beginning October 2019. Interested candidates should send a copy of their C.V., contact information for three references, and a brief statement of research interests to heidi.asbjornsen@unh.edu by November 5, 2018.