

John Jensen Distinguished Lecture Series

Sponsored by Remote Sensing Specialty Group during AAG 2022 Annual Meeting

Date & Start Time: Feb 28, 8:00 AM (US EST)

Location: Virtual

Speaker: **Prof. Ruth DeFries**

Eyes and Ears on Ecosystem Health

Management of ecosystems is integral to nature-based solutions for climate mitigation and adaptation, reversing the decline in biodiversity, land-based livelihoods, and many other applications critical to society. As these issues become more integrated into markets and policies, a critical need is to accurately measure and monitor ecosystem health. Monitoring deforestation with remote sensing is now routine and integrated into the work of NGOs, governments, and research institutions. However, methods to measure more difficult-to-detect but equally relevant attributes of ecosystems are in their early stages of development. Focusing on study regions in India, the talk will explore the use of satellite imagery to assess forest degradation and bioacoustics to measure attributes of biodiversity.



Prof. Ruth DeFries

- Member of the U.S. National Academy of Sciences
- Professor of Ecology and Sustainable Development at Columbia University
- Co-founding dean of the Columbia Climate School

For more details, please visit the event webpage:

http://www.aagrsg.org/distinguished_lecture.html