

Lidar Remote Sensing of Land Surface: Implications for Ecohydrology

Speaker:

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Issue Covered:

Lidar is emerging as a revolutionary remote sensing technology for land surface mapping with its unprecedented spatial resolution and ability of directly resolving the vertical profile and 3D structure of vegetation. In this presentation, Dr. Chen will provide a brief introduction to lidar remote sensing, present some technical issues and methods for lidar data processing for extracting terrain and vegetation information, and discuss the potential application of lidar for ecohydrological studies.