

SCHOOL OF EARTH SCIENCES AND ENVIRONMENTAL
SUSTAINABILITY SEMINAR SERIES

presents

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Livin' la vida LiDAR

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4 PM

Geology Building, Rm. 103

Airborne laser scanning, also known as airborne LiDAR, has evolved from an exotic technology to a practical tool that allows geologists to create and manipulate computer models of Earth's topography in unprecedented detail, including areas covered by dense forests or jungles. One-third—OK, two-thirds—less technical than some other LiDAR presentations, this one provides a general and visually appealing introduction to airborne LiDAR technology and some of its geologic applications, including mapping landslides and rockslides, detecting previously unknown faults, discovering abandoned underground mines, mapping archeological sites, and simulating the effects of large earthquakes and logging on the landscape.