



Ben-Gurion University of the Negev
Jacob Blaustein Institutes for Desert Research
The Swiss Institute for Dryland Environmental and Energy Research
Mitrani Department of Desert Ecology

Seminar

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Tuesday, October 24, 2017, 12:00

Seminar Room, Old Administration Building

**Earth Observations for Sustainability in
the Sixth Extinction**

Human activities are rapidly changing forests and other ecosystems, leading to a wave of carbon emissions and species extinctions dubbed the Sixth Extinction. This problem is calling for innovative approaches to measure, monitor and then manage ecosystems at large geographic scales. Fortunately, the science and technology landscape is evolving fast to meet this challenge. In this lecture, I will explain an advanced Earth mapping project called the Carnegie Airborne Observatory, and how we are using it to explore and conserve forests and other ecosystems undergoing land use and climate change.