



**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

**Uri Roll**

*MDDE*



Tuesday, April 25, 2017, 12:00

Seminar Room, Old Administration Building

**Linking nature, humans and knowledge to  
promote conservation on a global scale**

The last three decades have marked the rise of conservation biology as a bona-fide scientific discipline. Beyond scientific enquiry, conservation biology is paramount for our ability to maintain global biodiversity and healthy ecosystems, for future generations. In recent years, there has been a growing recognition of the imperative role that human actions and attitudes at various levels have, not only in contributing to the problems, but also in any attempt at solving them. Today the bilateral relationships between humans and nature are set at the center of the conservation biology discipline. In my lecture I plan to shed light on some of the complex interactions between knowledge, humans, and nature at the global scale. I will explore how new data sources and big data approaches together with modelling can contribute to novel insights in conservation science.