

## A Short Workshop:

### Bio-geochemistry and nature conservation in the Anthropocene

This workshop brings together **leading scientists** that apply different tools to address big challenges regarding the conservation of Earth ecosystems, their functioning and services.

This is a great opportunity to expand our view of ecology, conservation and their mutual enrichment with related fields.

#### Plan of the Workshop

10:00 Gathering and refreshments (Sde Boker)

10:30 – 11:00 **Prof. Moshe Shachak**, Ben-Gurion University – "*The role of ecosystem engineering and niche construction in nature conservation in the Anthropocene*".

11:00 – 11:45 **Prof. Peter Groffman**, University of New York and Cary Institute of Ecosystem Studies – "*Terrestrial bio-geochemistry with a focus on nitrogen dynamics*".

11:45-12:00 Coffee break

12:00 – 12:45 **Dr. Mark Frenzel**, UFZ, Germany – "*Ecological Integrity and nature conservation*"

12:45 – 13:30 **Dr. Roberto O. Chávez**, Instituto de Geografía, PUCV, Chile – "*A simple non-parametric approach to reconstruct vegetation leaf phenology (and detect anomalies) from remote sensing time series imagery*"

13:30 – 14:30 Lunch

*Students and faculty who are **interested in meeting** any of the workshop participants are welcome to contact Itamar Giladi ([itushgi@bgu.ac.il](mailto:itushgi@bgu.ac.il)) or Arnon Karnieli ([arnon.karnieli@gmail.com](mailto:arnon.karnieli@gmail.com)).*

Itamar and Arnon

Tel: +972-8-6563486

Fax: +972-8-6596772

#### Date & Location:

**Tuesday, October 19, 2017, 10:00-13:00**  
**the seminar room of the old administration building**