



Ben-Gurion University of the Negev

Jacob Blaustein Institutes for Desert Research

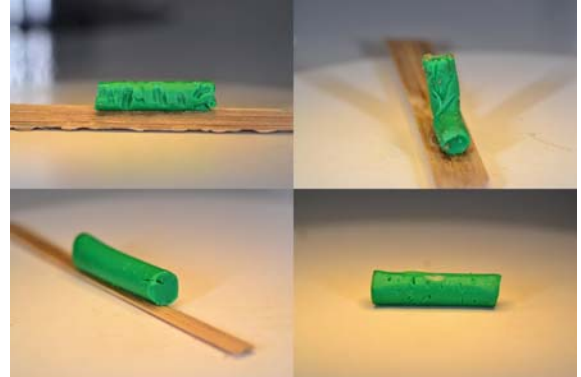
The Swiss Institute for Dryland Environmental and Energy Research

Mitrani Department of Desert Ecology

Seminar

Marco Ferrante

Aarhus University, Denmark



Tuesday, October 16, 2017, 12:00

Seminar Room, Old Administration Building

You're all welcome to the first seminar of the year we will have a toast to a successful year and introduce the new students joining us.

Drinks and snacks will be provided.

Please join us at 11:40.

Using Artificial Sentinel Prey to Quantify Predation Intensity under Field Conditions

Quantitative assessments of predation are essential for ecological understanding as well as for crop management. Monitoring the activity of arthropod predators is complicated by their small size, cryptic habits and frequent night activity. Artificial sentinel prey can be used to assess predation pressure. The method is inexpensive and easy to use, and allows predator identification. Under field conditions, artificial caterpillars are attacked by both invertebrates and vertebrates, and their use can provide quantitative estimates of predator activity, being eminently suitable to monitor predation rates under various settings.