



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, January 24, 2017, 12:00

Seminar Room, Old Administration Building

Participants are invited to meet the seminar speaker at the MDDE meeting room immediately after the seminar (~ 13:00). Please bring your lunch; snacks will be provided.



Carbon dioxide enrichment alters the predator avoidance behavior of an aquatic snail

Humans are releasing unprecedentedly large amounts of carbon dioxide into the atmosphere through the burning of fossil fuels. Some of this CO₂ stays in the atmosphere and can affect climate, some is absorbed by photosynthetic organisms, and some reacts with water to form carbonic acid which then disassociates into bicarbonate and hydrogen ions. Although ocean acidification has deservedly received a great deal of attention, acidification also occurs in freshwater bodies such as lakes and rivers. Additionally, acidification is occurring in habitats already impacted by human pollutants. In this talk I will present the results of a study on the predator avoidance behavior of aquatic snails from a heavy metal and acid enriched environment.