## **Biophysical Ecology in the Namib Desert: Online Course**

COURSE # 001-2-3035 (2 credits)

## 2022-23 ACADEMIC YEAR –ג תשפ ״ ג

*The objective* of this course is to teach students who wish to learn how to measure the micrometeorological variables that affect animals and plants in the environments in which they live, and how to analyze the effects of these variables. The course is a combination of online videos and discussions.

*Eligible Students:* The course and workshop are aimed at graduate students in the life sciences with appropriate backgrounds. Enrollment is limited to 12.

## WHAT TO EXPECT IN THE COURSE

**Online videos, questions, and discussions**: On Tuesday afternoons from 16:00-18:00 Jerusalem time, all participating students from Israel, Namibia, and South Africa will meet on Zoom to view the online videos comprising the course Biophysical Field Methods (BPFM). After viewing together, the week's video lessons, there will be time for questions and discussions. In addition, there will be exercises each week based on the videos shown; these will be discussed in the question-and-answer session of the following week. Students are encouraged to watch the videos on their own before coming to class. Attendance at all meetings of the course is obligatory.

*Instructors*: Prof. (Emeritus) Berry Pinshow (Mitrani Department of Desert Ecology, Swiss Institute for Dryland Environmental and Energy Research) and Prof. (Emeritus) J. Scott Turner (State University of New York, College of Environmental Science and Forestry).

Full list of lessons and videos attached. We might omit some, due to time constraints



be less than 2 hours.

Section 1: Divide Join us in Namibia for a hands-on field exp...

Lecture 1: D Namibia field experience

(Preview enabled)

Section 2: 🗅 Lesson 1. Energy, temperature and work

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Section 11: D Wrapping it up