

Spatial Ecology - Spring Semester – 2019-2020

Prof. Yaron Ziv

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Bld. 40, Room 402D

Structure:

- **Lectures / Guest lectures / Discussions** - Monday, 16:00-20:00
- **GIS Labs** -Monday, 16:00-20:00 (on specific dates according to the syllabus)
Dr. Giorgi (Gigi) Kozhoridze - GIS instructor (kozhorid@post.bgu.ac.il)
Teaching Assistant – Lital Ozeri (litaloz@post.bgu.ac.il)

Requirements:

- 1) **Weekly readings** as specified in the syllabus.
- 2) **Discussions.** Each discussion will be led by a PhD / MSc student. All other students should read the paper(s) and be ready with:
 - (1) Asking for explanation on any term / concept / hypothesis that is not fully understood.
 - (2) Advocating the contribution and original innovation (or synthetic contribution in case of a review) of the paper. We will adopt a positive attitude :).
 - (3) Suggesting ideas for the next step (e.g., future questions, theoretical developments, and additional experiments).

The discussion leader will provide, in advance, additional questions regarding specific issues raised in the paper.

- 3) **Presentation.** Each student will choose a specific topic associated with the course's material and prepare a 20-minutes presentation on this topic. The presentation will include (different ways to present the topic may exist, depending on the topic):
 - (1) General introduction – background, basic principles of the presented topic, history;
 - (2) Current directions and focus – the contemporary scientific discussion on this topic;
 - (3) Main scientific issues and late developments (with examples, in general);
 - (4) Problems;
 - (5) Future tracks and potential contribution.

4) Write-ups (paper format) + GIS final project.

STUDENTS MUST COME PREPARED TO EACH MEETING BY KNOWING THE PREVIOUS LECTURE AND REQUIRED READINGS. WILL BE CHECKED!

Point distribution:

- Participation (and leading) in discussions and lectures = 10%
- Write-ups + GIS final project ($4 \times 20\%$) = 80%
- Presentation = 10%

Good luck!!!

“You can get by on charm about 15 minutes. After that, you'd better know something.” (H. Jackson Brown, Jr.)