

Remote Sensing Data Science in Ecology

June 29, 2022

Tel Aviv University
Rosenblatt Auditorium

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TAD
The AI and Data Science Center
Tel Aviv University



The Zoological
Society of Israel

09:00 Gathering

First Session

- 09:20-09:40 Hyper-spectral remote sensing from out-space
Eyal Ben-Dor, Tel-Aviv University
- 09:40-10:00 Remote sensing applied to long-term monitoring
Ido Livne, Hamaarag
- 10:00-10:20 Advances in hyperspectral remote sensing of vegetation traits and species diversity
Tarin Paz Kagan, Agricultural Research Organization, Volcani Center
- 10:20-10:40 Applied use of remote sensing for biological conservation
Asaf Tsoar, Nature and Parks Authority
- 10:40-11:10 Coffee Break

Second Session

- 11:10-11:30 iEcology & Conservation culturomics - the contribution of large online datasets to our understanding of patterns in nature and human-nature relationships
Uri Roll, Ben-Gurion University
- 11:30-11:50 Satellite-based environmental sensing
Alexandra Chudnovsky, Tel-Aviv University
- 11:50-12:10 High resolution remote sensing of the nearshore environment
Yoav Lehahn, Haifa University
- 12:10-12:30 Acoustic animal monitoring
Yossi Yovel, Tel-Aviv University
- 12:30-12:40 Summary
Vered Blass, Tel-Aviv University

