

TEMPUS SESREMO

Strengthening Education in Space-based REMOte
sensing for monitoring of eco systems
meeting Tallinn Nov. 2015

Prof. Maxim Shoshany

Faculty of Civil & Environmental Eng.

TECHNION

Activities Report 2014-2015

Environmental Remote Sensing Class Allocation

10 PC computers : order approved, installation expected beginning of December 2015

Remote Sensing Software Acquisition and installation:

ENVI 25 floating licences & free ILUWIS

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Participation in teaching workshop : University of TWENTE May 2015:

Dr Yael Etzion, Mr. Oz Kira and Dr. Ram Spanier (Joint Affiliation :

Technion & Jordan Valley College)

Teaching

Introduction to Remote Sensing class, Winter Semester 2015/16:
Mapping & Geoinformation Eng. Students , at Haifa Campus
Lecturer : Prof. Shoshany, Tutor Dr. Yael Etzion
Using the Envi Software purchased through TEMPUS

Introduction to Remote Sensing class, Winter Semester 2015/16:
Mapping & Geoinformation Eng. Students , at Bnei-Brak Campus
Lecturer: Prof. Shoshany, Tutor: Mr. Oz Kira
Using ILUWIS Software

A plan to open a class at the Jordan Valley College during late 2016
Teaching : Dr. Ram Spnier

During these classes we adopt in a selective way the teaching material proposed by TWENTE University.

GEONETCast:

We are planning to
finalize the installation
of the Receiving station in February 2016

Preparation of demonstration classes on Eco systems monitoring

1. Shrublands biomass mapping & monitoring along sub-humid to arid climatic gradients
2. Remote Sensing of ecosystems shift at desert boundaries
3. Analysis of Patch Pattern properties under different climate change scenarios