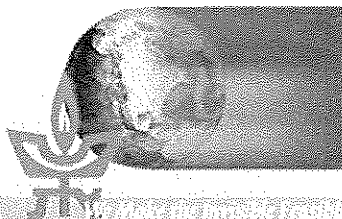


# THE REMOTE SENSING AND G.I.S. LABORATORIES

THE LESTER AND SALLY ENTIN FACULTY OF HUMANITIES  
DEPARTMENT OF GEOGRAPHY AND THE HUMAN ENVIRONMENT



We are the leading laboratory in Israel for Hyperspectral Remote Sensing of the environment with a world wide reputation on quantitative reflectance spectroscopy of many issues and especially soils.

We are leading the Hyperspectral Excellence Group in Israel on behalf of the Ministry of Science and have many international connections with colleagues.

We are participating in two EU projects and have an experience in national and international projects in areas of:

1. Geology Mapping of Eritrea
2. Mineral mapping of settled dust
3. Performances and indicators for HSR missions
4. Salinity mapping of semi arid environment

**We are seeking for partners to collaborate with the EU FP7 initiatives.**

Our recent research activities are as follow:

1. Developing of novel methods to map dust contamination in the urban environment
2. Mineral Mapping
3. Soil Mapping
4. Developing of new ideas to use reflectance spectroscopy in the civilian engineering discipline
5. Soil Salinity mapping using active and passive remote sensing sensors
6. Developing rapid method to map and assess soil contamination aspects
7. Mapping soil degradation issues from airborne and orbit using spectral information
8. Education in Hyperspectral Remote Sensing discipline

For the FP7 Cooperation Work Programmed: Space (THEME 9)

**We seek partnership in**

SPA.2010.3.2-02	9.3.2.2 International Cooperation in GMES /Deforestation (SICA)
SPA.2010.3.2-03	9.3.2.3 EU- Cooperation in GMES (SICA)
SPA.2010.1.1-06	9.1.1.6. Coordination of national activities for land monitoring

We are welcome any collaboration within this frame.

Any new ideas and suggestion are strongly appreciated.

Please contact with us at: [bendor@post.tau.ac.il](mailto:bendor@post.tau.ac.il)

And visit our website at : [www.tau.ac.il/~rslweb](http://www.tau.ac.il/~rslweb)

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