

## Main Achievements of the ICCAP Project by the Israeli team 2005-2006

**Jiftah BEN-ASHER<sup>1</sup> Pinhas ALPERT<sup>2</sup> and Mordechay (Moti) SHECHTER<sup>3</sup>**

<sup>1</sup> *Jacob Blaustein Institute for Desert Research and the Ben Gurion University of the Negev, Israel.*

<sup>2</sup> *Dept. of Geophysics and Planetary Sciences, Tel Aviv University, Israel.*

<sup>3</sup> *Natural Resource and Environmental Research Centre, University of Haifa, Israel;*

*Emails: .benasher@bgu.ac.i<sup>1</sup> .pinhas@post.tau.ac.il<sup>2</sup> shechter@econ.haifa.ac.il<sup>3</sup>*

### *Research objectives for the year 2005-2006*

#### ***A. Regional climate change (TAU)***

1. Analysis of the global warming models over the Mediterranean.
2. Daily classification of synoptic systems for 1948-2000 including: change of seasons,

#### ***B. Global warming effect on biomass production and water requirements. (BGU)***

3. Quantification and development of models to predict the effect of extreme GCC scenarios on biomass production (Goal No. 1)

#### ***C. Socio-Economic impact of GCC. (HU)***

4. Assessment of Damage and Adaptability to Regional Climate Change.
5. To determine how farming would change with the expected changes in precipitation patterns.