

# **MEDITERRANEAN LANDSCAPE DYNAMICS PLANNING WORKSHOP**

**March 3-5 2005, International Institute for Sustainability  
Arizona State University**

## ***MARCH 2***

Out of town participants arrive and check in at Marriott

## ***MARCH 3***

### ***8:30 CONTINENTAL BREAKFAST***

#### **▶ INTRODUCTION TO WORKSHOP**

9:00 Michael Barton: A laboratory for landuse and landscape dynamics

#### **▶ MODELING HOLOCENE LANDSCAPES AND SURFACE PROCESSES**

9:30 Ramón Arrowsmith: Holocene landscapes and their dynamics

10:00 Helena Mitasova: Modeling Holocene surface processes

### ***10:30-11:00 BREAK***

11:00 Jennifer Arzt & Reid Bryson: Climatic modeling

11:30 Tina Bada I & José Carrión (video conference): Holocene vegetation communities in the western Mediterranean

### ***12:00-1:00 LUNCH***

1:00 Pat Fall: Holocene vegetation communities in the eastern Mediterranean

1:30 Joseph Schuldenrein: Geomorphology and model validation

#### **▶ DISSEMINATING RESULTS**

2:00 Jana Hutchins: Internet platforms for disseminating geospatial information and models.

### ***2:30-3:00 BREAK***

#### **▶ GENERAL DISCUSSION**

3:00-4:30 Directions for model development

- Creating reference chronosequences
- Creating potential landscape models

***5:30-7:30 SOCIAL HOUR AND HOSTED BAR AT THE ASU  
UNIVERSITY CLUB***

**MARCH 4**

**8:30 CONTINENTAL BREAKFAST**

▶ **MODELING AGROPASTORAL LANDUSE**

- 9:00 Brett Hill: Modeling agropastoral landscapes  
9:30 Hessam Sarjoughian: Modeling landuse decisions  
10:00 Steve Falconer: Modeling agricultural practices

**10:30-11:00 BREAK**

- 11:00 Geoff Clark, Maysoon al Nahar, Steve Savage: Some observations on the current state of spatial data in the southern Levant  
11:30 Joan Bernabeu and Michael Barton (video conference): Prehistoric settlement, landuse, and modeling in Mediterranean Spain

**12:00-1:00 LUNCH**

- 1:00 Mary Metzger: Modeling pastoralism

▶ **ANALYSIS AND EVALUATION**

- 1:30 Elizabeth Wentz: Quantitative measurement of variation in space and time  
2:00 Ilya Berelov: Occupation/abandonment strategies and landuse/landcover change.

▶ **DISSEMINATING RESULTS**

- 2:30 Charles Redman: Integrating long-term landscape change in educational programs

**3:00-3:30 BREAK**

▶ **GENERAL DISCUSSION**

- 3:30-5:00 Directions for model development
- Creating dynamic surface process and landuse models
  - Selecting areas for pilot studies

**7:30 GROUP DINNER FOR PARTICIPANTS AT HOUSE OF TRICKS**

**MARCH 5**

**8:30 CONTINENTAL BREAKFAST**

▶ **PROJECT INTEGRATION**

9:00 Hessam Sarjoughian and Helena Mitasova: Frameworks for modeling

9:30 Ramón Arrowsmith and Michael Barton: Data management and access

**10:00-10:30 BREAK**

▶ **GENERAL DISCUSSION**

10:30-12:00 Project planning

- Prioritizing tasks
- Communication within team
- Future meetings
- Student participation
- Questions and discussion

**12:00 LUNCH**

▶ **WORKSHOP ADJOURNED**