

## Program for the Kick-Off Workshop on the ICCAP project

Date : 4th and 5th July, 2002

Place: University of Cukurova, Adana, Turkey

### 4th July (Thursday)

[Opening Addresses] (Chair: Dr. Aydin)

10:00-10:15

Dr. Cemal Saydam (TUBITAK)

10:15-10:30

Dr. M. Rifat Derici (Univ. of Cukurova)

10:30-10:45

Dr. Tsugihiko Watanabe (RIHN)

[Coffee Break]

10:45-11:00

[Climate Session] (Chair: Prof. Kimura)

11:00-11:20

Dr. Fujio Kimura (Univ. of Tsukuba)

Regional Climate Models and General Circulation Models in the ICCAP project

11:20-11:40

Dr. Pinhas Alpert (Tel-Aviv Univ.)

Regional climate scenarios over the E. Mediterranean

11:40-12:00

Dr. Akiyo Yatagai (RIHN)

Hydrological budget and its variability over arid/semi-arid regions in the Eurasian continent seen from meteorological reanalysis data

12:00-12:20

Dr. Cemal Saydam (TUBITAK)

The impact of desert dust on natural systems

[Lunch Break]

12:20-14:00

[Agro-Economics Session] (Chair: Prof. Tsujii)

14:00-14:20

Dr. Hiroshi Tsujii and Dr. Grad (Kyoto Univ.)

Economic and institutional studies of the impacts of climate change on agriculture and farm economy and of the farmers' and policy responses to these impacts in the Eastern Mediterranean area

14:20-14:40

Dr. Mordechai Shecher (Univ. of Haifa)

Some on going studies on the economics of climate change impact in Israel: Agriculture, Biodiversity, and Water

14:40-15:00

Dr. Kagatsume (Kyoto Univ.)

A regional econometric study of the interactions among climate changes, agricultural supply & demand, and AgriEnvironmental policy

15:00-15:20

Dr. Onur Erkan (Univ. of Cukurova)

The place of agricultural sector in Turkish economy and basic information about agricultural structure and production

15:20-15:40

Dr. Erol H. Cakmak (Middle East Technical Univ.)

Agricultural sector modeling in Turkey and overview of alternative structures for ICCAP model

**[Coffee Break]**

15:40-16:10

**[Agro-Ecosystem Session (continued)]**

16:10-16:30

Dr. Hiroshi Kameyama (Kagawa Univ.)

The climate change impact to the cropping pattern based on the water use and the salinity

16:30-16:50

Dr. Chieko Umetsu (RIHN)

The role of water user association for mitigating risks from climate change

**[Short Break]**

16:50-17:00

**[Egypt Session]** (Chair: Prof. Umetsu)

17:00-17:20

Dr. Mohamed M. Nour El-Din (Ain Shams Univ.) and Laila Aabed (National Water Research Center)

Climate change impacts on Egypt

**[Reception Party]**

20:00-

## **5th July (Friday)**

### **[Plant Productivity Session]** (Chair: Prof. Ben-Asher Jiftah)

9:00-9:20

Dr. Jiftah Ben-Asher (Gen-Gurion Univ.)

Modeling with SWAP the impact of global climate change on Biomass production

9:20-9:40

Dr. Tohru Kobata (Shimane Univ.)

Relationship between transpiration rate and soil water content as a tool of estimation of biomass production: a case study in rice

9:40-10:00

Dr. Mehmet Aydin (Mustafa Kemal Univ.)

Combining remote sensing and hydrological models to estimate regional evapotranspiration

10:00-10:20

Dr. Selim Kapur (Univ. of Cukurova)

Impact of doubling atmospheric CO<sub>2</sub> on the soil resource conditions

10:20-10:40

Dr. Tadao Aoda (Niigata Univ.) and Dr. Tomohisa Yano (Tottori Univ.)

A soil-plant-atmospheric continuum simulation interacted with the regional environmental scenario -To control the salinization in agriculture-

### **[Coffee Break]**

10:40-11:10

### **[Irrigation and Hydrology Session]** (Chair: Prof. Watanabe)

11:10-11:30

Dr. Riza Kanber (Univ. of Cukurova)

(untitled)

11:30-11:50

Dr. Katsuyuki Fujinawa (Shinsyu Univ.)

Mathematical models to be used for predicting rainfall runoff, groundwater resources, and saltwater intrusion in coastal aquifers

11:50-12:10

Mr. Tuncay Arca and Ms. Donma Sevgi (DSI)

General introduction to DSI6 Regional Directorate and Seyhan Basin

12:10-12:30

Dr. Kazim TULUCU (Univ. of Cukurova) and Dr. Mahmut CETIN

Groundwater potential of Seyhan and Ceyhan River basins

12:30-12:50

Dr. Kazim TULUCU (Univ. of Cukurova) and Candidate of PhD Ahmet IRVEM

The Use GIS in hydrological studies: Applications in part of Seyhan River basin

12:50-13:10

Dr. Bulent Ozekici (University of Cukurova)

### **[Lunch Break]**

12:30-14:30

### **[Closing Remarks]**

14:30-15:00

### **[Round Table Discussion in Each Sub-Task Group]**

15:00-(16:30)