

# PROGRAM

## Important

The registration and distribution of name tags and booklets for CARESS 2011 conference will begin at **8:15** at the front entrance to **Schmidt auditorium**. You can find a map of the Weizmann Institute on the Weizmann web-site: <http://www.weizmann.ac.il/maps/campus6.shtml>.

See you at the conference!

9:00 – 9:15      **OPENING REMARKS**

*Prof. Brian Berkowitz, Chairman of the Department of Environmental Sciences and Energy Research, Weizmann Institute of Science, Rehovot, Israel.*

### **FIRST LECTURE SESSION**

**Chairperson:** *Tal Ben-Moshe, Department of Environmental Sciences and Energy Research, Weizmann Institute of Science, Rehovot, Israel*

9:15 – 9:35      *Or Sperling, Ben-Gurion University of the Negev, Beer-Sheva, Israel*  
**Sap flow measurements in date palm trees – a modified approach for water stress sensing.**

9:35 – 9:55      *Miri Trainik, Weizmann Institute of Science, Rehovot, Israel*  
**The Optical, Physical and Chemical Properties of the Products of Glyoxal Uptake on Ammonium Sulfate and Glycine Seed Aerosols.**

9:55 – 10:15      *Max Kolton, The Volcani Center, Bet-Dagan, Israel*  
**Green solution in black: Biochar as a tool for sustainable agriculture and reduction of greenhouse gas emissions.**

10:15 – 10:30      **COFFEE AND POSTER SESSION**

### **SECOND LECTURE SESSION**

**Chairperson:** *Yaniv Edery, Department of Environmental Sciences and Energy Research, Weizmann Institute of Science, Rehovot, Israel*

10:30 – 10:50 *Avi Gozolchiani, Bar Ilan University, Ramat Gan, Israel*  
**The Emergence of El-Niño as an Autonomous Component in the Climate Network.**

10:50 – 11:10 *Sariel Hübner, University of Haifa, Haifa, Israel*  
**Regulating Factors of Genetic Structure in Wild Barley: The Barley1K as a Model.**

11:10 – 11:30 *Michal Adler, Ben Gurion University of the Negev, Beer Sheva, Israel*  
**Methanogenesis and methanotrophy in Lake Kinneret sediments.**

11:30 – 11:50 *Shalom Fox, Ben Gurion University of the Negev, Sede Boqer, Israel*  
**A study on ion exchange membrane bioreactor for perchlorate removal from highly contaminated aquifers.**

11:50 – 12:30 **LUNCH**

12:30 – 13:30 **POSTER SESSION (Perelman's Hall)**

### **THIRD LECTURE SESSION**

**Chairperson: Naama Lang-Yona, Department of Environmental Sciences and Energy Research, Weizmann Institute of Science, Rehovot, Israel**

13:30 – 13:50 *Yasmin Gabay, Tel-Aviv University, Tel Aviv, Israel*  
**The effects of ocean acidification on Eilat soft corals**

13:50 – 14:10 *Ezra Orlofski, Ben Gurion University of the Negev, Sede Boqer, Israel*  
**The correlation between fecal indicator bacteria and pathogens in effluent irrigated crops.**

14:10 - 14:30 *Nir Ben-Moshe, The Hebrew University of Jerusalem, Jerusalem, Israel*  
**A quest to find the true electric breakdown field in clouds.**

### **COFFEE AND POSTER SESSION**

#### **FOURTH LECTURE SESSION**

**Chairperson: Omer Sagee, Department of Environmental Sciences and Energy Research, Weizmann Institute of Science, Rehovot, Israel**

14:45 – 15:05 *Oshri Borgman, The Hebrew University of Jerusalem, Rehovot, Israel*  
**Behavior of pharmaceutical compounds in soils: effects of biosolids application and soil solution chemistry.**

15:05 – 15:25 *Meytal Sorek-Hamer, The Technion, Haifa, Israel*  
**Classification of Dust Days over Israel by Integration of Satellite Remote Sensing Products.**

15:25 – 15:45 *Alona Svidovsky, The Technion, Haifa, Israel*  
**Adsorption and Desorption Of Environmental Tobacco Smoke (ETS) in Indoor Environment.**

#### **COFFEE AND POSTER SESSION**

#### **FIFTH LECTURE SESSION**

**Chairperson: Eran Tas, Department of Environmental Sciences and Energy Research, Weizmann Institute of Science, Rehovot, Israel**

16:00 – 16:20 *Abra Berkowitz, Ben-Gurion University of the Negev, Sede Boqer /Arava Institute for Environmental Studies, Kibbutz Ketura, Israel*  
**The Abu-Basma Regional Council: A New Turn in Government Planning for Bedouin Settlement?**

16:20 – 16:40 *Tom Goren, The Hebrew University of Jerusalem, Jerusalem, Israel*  
**Air pollution "clouds" the oceans.**

16:40 – 17:00 *Eyal Freud, The Hebrew University of Jerusalem, Jerusalem, Israel*  
**Microstructure of Israeli Clouds and their suitability for seeding.**

17:00 **PIZZA AND BEER**

17:30 **Visiting lecturer: Eran Ben Yemini, The green movement - Meimad**  
**Scientific Research or Social Change? - The lecture will be given in Hebrew**