



Agricultural Innovation and Adaptation to Climate Change

Germany & Israel

Helmholtz Association of German Research Centres

Volcani Center - Agricultural Research Organization (ARO)

Monday, October 19, 2020

*13:30 - 16:00 **CET** / 14:30 – 17:00 **IDT***

ZOOM (Registration: <https://helmholtz.volcani.registration>)

Moderator:

Dr. Hagit Schwimmer,

Director of Agriculture & Environment Department,

ISERD (Israel-Europe Directorate), Israel Innovation Authority)

- 13:30 – 13:35 CET** Welcome Remarks
- 13:35 – 13:55 CET** Greetings
Julia Klöckner, Federal Minister of Food and Agriculture Germany
Alon Schuster, Minister of Agriculture and Rural Development Israel
Dr. Susanne Wasum-Rainer, Germany's Ambassador to Israel
Jeremy Issacharoff, Israel's Ambassador to Germany
- 13:55 – 14:20 CET** Declaration of Collaboration
Dr. Nahum Itzkovitz, Director General, Ministry of Agriculture and Rural Development Israel
Prof. Abed Gera, Acting Chief Scientist, Ministry of Agriculture and Rural Development Israel
Albert Wulff, Head of Directorate Research, Federal Ministry of Food and Agriculture Germany
Prof. Otmar D. Wiestler, President of the Helmholtz Association
Prof. Eli Feinerman, Head of ARO

- 14:20 – 14:35 CET** Keynote Lecture
Prof. Ulrich Schurr, Institute for Bio- and Geosciences, FZ Jülich
 „Quantitative approaches to improvements of crop and agricultural systems for a changing climate”
- 14:35 – 14:50 CET** Introduction of Collaborative Research Topics
Prof. Wolfgang Marquardt, Vice President of the Helmholtz Association, Chairman of the Board of Directors, FZ Jülich
Prof. Georg Teutsch, Scientific Director, UFZ Helmholtz Centre for Environmental Research
Prof. Vinnie Altstein, Director of Academic Affairs, ARO
- 14:50 – 15:40 CET** Expert Panel “Collaborative Topics”:
- 14:50 – 15:00 CET** **Prof. Falk Harnisch**, UFZ Helmholtz Centre for Environmental Research
 “Valorization of agricultural waste streams for the production of fuels and chemicals by microbial and electrochemical conversions”
- 15:00 – 15:10 CET** **Dr. Alon Ben Gal**, Gilat Center, ARO
 “Irrigation water quality effects on soils, crops and resource use efficiencies”
- 15:10 – 15:20 CET** **Prof. Jan Vanderborght**, Institute for Bio- and Geosciences, FZ Jülich
 “Technologies and modeling tools for agricultural, crop, and climate adaptation research”
- 15:20 – 15:30 CET** **Prof. Hans-Jörg Vogel**, UFZ Helmholtz Centre for Environmental Research
 Modelling water movement in soils under arid and semi-arid conditions”
- 15:30 – 15:40 CET** **Dr. Ilan Levin**, Plant Sciences Institute, ARO
 Confronting climate changes in Israel: challenges and solutions”
- 15:40 – 15:55 CET** Q&A
- 15:55 – 16:00 CET** Closing Remarks



Embassy
of the Federal Republic of Germany
Tel Aviv



Federal Ministry
of Food
and Agriculture