

# Water efficiency for food security

Agriculture accounts for more than 70% of water withdrawn worldwide, of which up to 40% is lost due to inefficient agricultural practices. In combination with the effects of climate change, population growth, industrialization and urbanization in developing countries, the need to improve the water use efficiency in all sectors becomes more important for food security than ever before. For both food security and sustainable water utilization it is vital that all stakeholders work together to define priorities and to find an appropriate balance between the different needs for water use.

Hence, in 2013, the 'UN International Year of Water Cooperation', the World Food Day Colloquium will discuss water strategies. Water efficiency, esp. in agriculture, as well as the relevance of public-private partnership contribution, esp. to the benefit of poor and food insecure people, are both an integral part of this discussion.

#### Venue

Universität Hohenheim Schloss Hohenheim, Balkonsaal

### **Directions**

Public transportation:
From the main railway station of Stuttgart take the city railway no. U7 (underground station) towards "Ostfildern" until "Ruhbank (Fernsehturm)", then transfer onto bus no. 70 towards "Plieningen Seemühlenweg" until the bus stop "Universität



Hohenheim". Cross the street and continue past the mensa (left hand side) until you see Schloss Hohenheim.

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# Please register online at :

https://fsc.uni-hohenheim.de/99285

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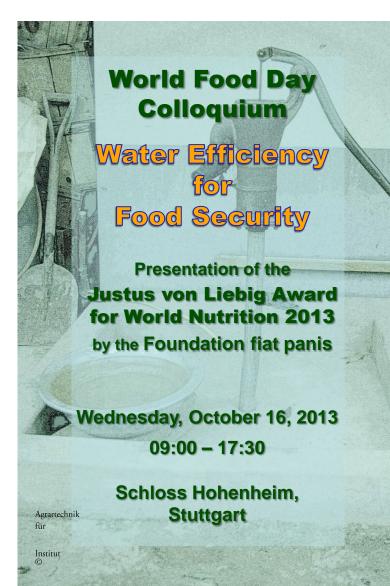








INSTITUTE OF AGRICULTURAL ENGINEERING



**PROGRAM** 

## **World Food Day Colloquium**

# **Water efficiency for food security**

## Wednesday, October 16, 2013

09:00-10:00 Arrival & Registration Foyer

10:00-10:30 Opening Session Balkonsaal

Chair: Joachim Müller

Institute of Agricultural Engineering, University of Hohenheim

#### Welcome Address

Stephan Dabbert

Rector,

University of Hohenheim

#### **Program Presentation**

Andrea Jost

Food Security Center (FSC), University of Hohenheim

10:30-11:15 Keynote Speech Balkonsaal

#### Water for food: strategies to adapt to global change

Judy Libra

Department of Technology Assessment and Substance Cycles Leibniz-Institut für Agrartechnik Potsdam-Bornim e.V., Germany

#### PROGRAM

11:15-11:45 Coffee Break Foyer

11:45-12:45 Award Ceremony Balkonsaal

#### **Justus von Liebig Award for World Nutrition 2013**

Zhu Ling

Institute of Economics, Chinese Academy of Social Sciences Beijing, China

#### Laudation

Ursula Schaefer-Preuss Chair of the Global Water Partnership Stockholm, Sweden

#### Speech of the laureate

12:45-13:45 Lunch Break Foyer

**13:45-14:45 Panel** Balkonsaal

# Perspectives from young scientists: Water pricing: The only possibility for water saving?

Chair: Shamaila Zia

Institute of Agricultural Engineering, University of Hohenheim

Ruchika Singh

PhD student, Center for Development Research (ZEF), Bonn

Maksud Bekchanov

PhD student, Center for Development Research (ZEF), Bonn

Jin Zhana

PhD student, Center for Development Research (ZEF), Bonn

Josey Kamanda

PhD student, Food Security Center (FSC), University of Hohenheim

Yuxuan Wang

PhD student, Institute of Agricultural Engineering, University of Hohenheim

#### PROGRAM

14:45-15:15 Coffee Break Balkonsaal

15:15-17:15 Panel Balkonsaal

# How to increase food security by improving water use efficiency

Chair: Joachim Müller

Institute of Agricultural Engineering, University of Hohenheim, Germany

Ashwin Mahalingam

Department of Civil Engineering Indian Institute of Technology-Madras, India

Hammou Laamrani

Agriculture and Food Security Program International Development Research Centre, Egypt

Judy Libra

Department of Technology Assessment and Substance Cycles Leibniz-Institut für Agrartechnik Potsdam-Bornim e.V., Germany

Shamaila Zia

Institute of Agricultural Engineering, University of Hohenheim, Germany

**17:15-17:30 Closing** Balkonsaal

Andrea Fadani

Foundation fiat panis, Ulm, Germany