



**DEMOFIELD**  
AGRICULTURE OF TOMORROW



**LoDI 2015**  
living expo

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**Sept  
17<sup>th</sup>  
2015**

# WATER AND SUSTAINABILITY OF RICE PRODUCTION: A GLOBAL PERSPECTIVE

## Abstract

Rice is worldwide the most relevant staple food and its increased production and sustainability are key features for the future. Rice production has to address specific market's requests and environmental constraints caused by climate change and limited resources availability such as land and water. Farmers are often heavily disadvantaged by water scarcity also due to the lack of infrastructure and know-how necessary to overcome adverse conditions. Therefore, the rice value chain needs novel technologies, integrated strategies and tailored solutions addressing environmental, agronomic and economic issues, reducing gas emissions and enhancing yield and grain quality. This seminar will present cutting edge strategies and technologies to enable sustainable rice production in water-limited conditions.

Translation Italian / English. Register at [www.demofield.it](http://www.demofield.it)

## Program

09.00 registration

09.30 visit to the Demo Field "Agriculture of Tomorrow"

10.15 Seminar

Opening: **Gianluca Carenzo** - PTP-Science Park; **Roberto Magnaghi** - Ente Nazionale Risi (TBC); **Roberto Carriere** - Associazione Industrie Risiere Italiane (TBC); **Elisabetta Lupotto** - Council for Agricultural Research and Economics; **Francesco Loreto** - Council for National Research; **Stefano Ravaglia** - Assosementi; **Gian Attilio Sacchi**, University of Milan

11.00 **Bas Bouman**, Director CGIAR Research Program Global Rice Science Partnership - IRRI: *Keynote Lecture: Addressing water scarcity in rice production: opportunities for win-win situations*

11.30 **Eli Vered**, Agricultural R&D Energy & Field Crop Manager Netafim - Drip irrigation in rice

### Coffee break

12.00 **Sheenan Harpaz**, Dep. Director for Research and Development ARO Volcani Center and **Shekhar Bhadsavle**, Maharashtra, India: *Water use optimization in shrimp and rice production in India*

12.20 **Giorgio Ragagnoli**, Scuola Superiore Sant'Anna: *Irrigated rice in Europe: a future perspective?*

12.40 **Nour Amadi**, Cirad: *Rice genetics for water use efficiency*

Moderator:

### Networking lunch

14.30 **Pamela Abbruscato**, Parco Tecnologico Padano: *GS-RUSE project: impact of novel approaches for rice management*

14.50 **Marco Romani**, Ente Nazionale Risi - *Water management regimes and their impact on heavy metals accumulation in rice*

15.10 **Alberto Puggioni**, Resp. Agro Marketing, Netafim Italia: *Rice cultivation & GHG emissions*

15.30 **Giampiero Valè**, CRA RIS - *Evaluation of different water management strategies for rice cultivation*

15.50 **Mirco Boschetti**, Remote Sensing Dep., IREA-CNR - *Outcomes of the project RIICE and ERMES*

16.10 **Case studies: Turkey, Spain, Ukraine**



### Partners

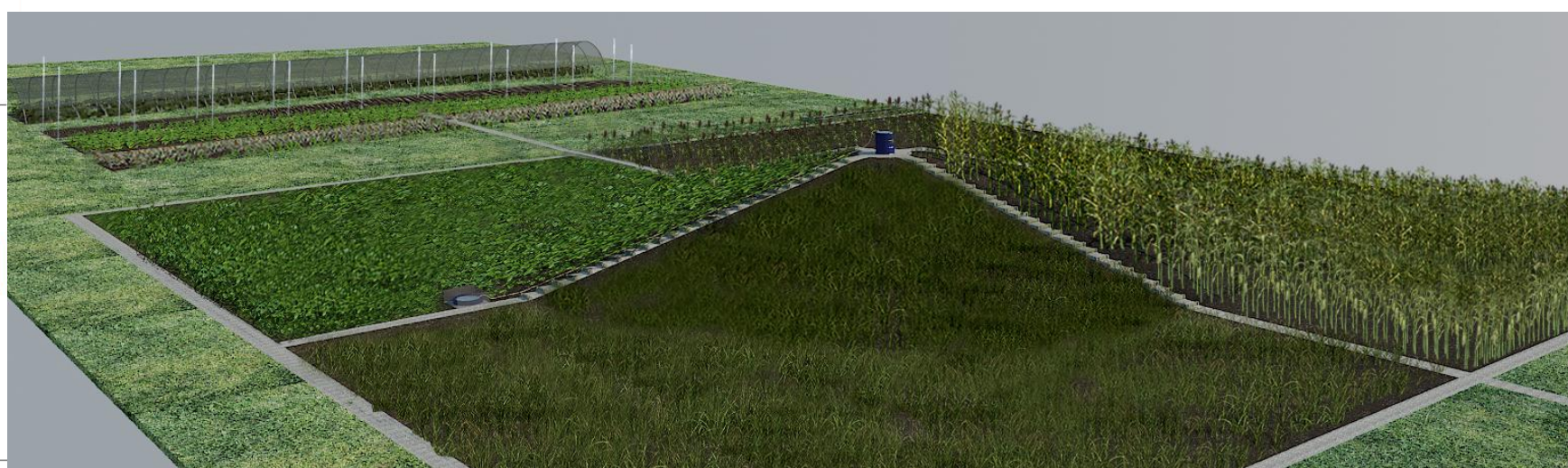


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