



ACCADEMIA DEI GEORGOFILI

INTERNATIONAL MEETING

# *Water in agriculture: a better use for a better world*

**September 15th, 2021 - 9.30 a.m.**

The connubium water-agriculture is indissoluble.

Crop productivity is strongly dependent on water supply, and the need of irrigation is becoming more and more urgent in most countries and for most crops. Climate change and variability increase the fluctuations in precipitation and surface supplies and largely pose a major threat on water availability. Agriculture irrigation accounts for 70% of water use worldwide and competes with the needs of rising population and energy and industry sectors. An adequate agriculture's management of this precious resource and the preservation of its quality are therefore essential to a sustainable and productive agro-food sector in each country.

This meeting aims to address some of those aspects, rising the attention of decision and policy makers, technical consultants, stakeholders, general public and citizens on the increasing need to address sustainable water use and re-use.

Co-organized by: Accademia dei Georgofili; ANBI (Associazione nazionale consorzi di tutela gestione territorio e acque irrigue); CER (Consorzio di bonifica di secondo grado per il Canale Emiliano Romagnolo); CNR-IBE (Institute of BioEconomy).

Participation can only take place by completing the following form by 9.00 a.m on Monday 13

September: <https://forms.gle/gVmNcpniAXLCAoPx8>

Participants will receive their login credentials to the web platform.

On the basis of current legislation, participation in the presence will be allowed to the first 20 members who make a specific request.

## PROGRAMME

Chair: **Federica Rossi**, Accademia dei Georgofili, CNR-IBE

Opening and welcome to participants

**Marina Baldi**, CNR-IBE, Director of WMO RTC Italy  
*Climate change as an added pressure on water resources*

Session 1 - Management and re-use

Co-chair: **Massimo Gargano**, General Director ANBI

**Tommaso Letterio & Francesco Cavazza**, CER  
*Innovation to water management in Italy: a territorial approach and a decision support system for farmers*

**Adriano Battilani**, ANBI-General Secretary of Irrigators d'Europe  
*Water and drought management in the Mediterranean*

**Francesco Vincenzi**, President ANBI  
*Re-use: the case Italy. The value of irrigation, innovation and water saving*

**Francesco Battistoni**, Sottosegretario di Stato Ministero per le Politiche Agricole Alimentari e Forestali, Italian Government  
*Orientation from the Italian Government*

Session 2 - The International Context

Co-chair: **Adriano Battilani**, ANBI-General Secretary of Irrigators d'Europe

**Sue Walker**, Agricultural Research Council, Natural Resources and Engineering, South Africa  
*Water management, climate change and agriculture: the experience from South Africa*

**Nabansu Chattopadyay**, Former Head Agricultural Meteorology Division, Indian Meteorological Department, India  
*Water management, climate change and agriculture: the experience from India*

**Scott Power**, Director Centre for Applied Climate Sciences, University of Queensland, Australia  
*Water management, climate change and agriculture: the experience from Australia*

**Orivaldo Brunini**, Coordenador Centro Integrado de Informações Agrometeorológicas (IAC-FUNDAG), Presidente Fundação de Apoio à Pesquisa Agrícola-FUNDAG, Brazil  
*Water management, climate change and agriculture: the experience from Brazil*

**Paolo De Castro**, European Parliament  
*The European vision*

Wrap up & conclusions

**Paolo Mannini** (CER), **Massimo Gargano** (ANBI),  
**Federica Rossi** (Accademia dei Georgofili, CNR-IBE)

1.30 p.m. - Closure