



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

Nabatsu Chattopadhyay, 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