WAT DEV

Climate Smart WATer Management
and Sustainable DEVelopment
for Food and Agriculture in East Africa

WORKSHOP

RECENT ADVANCES IN PLANT PHENOTYPING FOR ABIOTIC STRESSES

19 September 2024
Conference room - Metapontum Agrobios

9:00	**Welcome coffee and registration**
9:30	**Opening and quick introduction** *F. Cellini (ALSIA Agrobios), M. Centritto (CNR-IPSP)*
10:00	**Technical visit to phenotyping platforms (indoor & in the field)**
11:00	**Coffee break**
11:30	**Field platforms for precision agriculture and high-throughput plant phenotyping** *M. Centritto, V. Montesano, A. Conte, D. Danzi (CNR-IPSP)*
11:50	**Selection of plant species with cultivation potential for saline agriculture** *G. Atzori (CNR-IPSP)*
12:10	**Volatilomics and metabolomics: tools for plant phenotyping** *V. Lazazzara, F. Menicucci (CNR-IPSP)*
12:30	**Lean phenotyping technologies** *G. Marino, M. Haworth (CNR-IPSP)*
12:50	**Discussion**
13:00	**Lunch**
14:30	**Controlled environment phenotyping in Metaponto: from lab to field** *A. Petrozza, S. Summerer (ALSIA-Agrobios)*
14:50	**From precision agriculture to precision agriculture phenotyping** *A. Montaghi (CNR-IRET), S. Mazzoni, A. Fabbri (CNR-IPSP)*
15:10	**Applications of AI in plant phenotyping and precision agriculture** *V. Renò (CNR-STIIMA)*
15:30	**Coffee break**
16:00	**Reuse of treated wastewater for irrigation** *D. Caniani, S. Masi (UNIBAS)*
16:20	**A new transportable prototype for the treatment of municipal wastewater for irrigation** *C. Di Iaconi (CNR-IRSA)*
16:40	**General discussion and closing remarks**
17:00	**Visit of the archeological area**