

CURRICULUM VITAE

Personal information

Nome DALLA MARTA Anna

Education

2005 PhD in Soil Science and Climatology, University of Firenze

2000 Master degree in Tropical and Subtropical Agriculture, University of Firenze (110 cum laude)

1998 ERASMUS student at UC Louvain University (Louvain-la-Neuve, Belgium)

Current position and qualifications

Assistant Professor (art. 24 c.3-b L. 240/10) (01/12/2018 – now) DAGRI-University of Firenze
National Scientific Qualification for Associate Professor (Sector 07 / B1)

Work experience

01/07/2015 – 30/11/2018 **Researcher** (art. 24 c.3-a L. 240/10) DISPAA – University of Firenze

01/10/2012 - 30/06/2015 **Research fellow** (art. 22 L. 240/2010) DISPAA – University of Firenze

01/09/2006 - 30/09/2012 **Junior researcher** (art.1 c.14 L. 230/05) DIPSA – University of Firenze

01/01/2005 - 31/08/2006 **Research Fellow** (art. 51 c.6 L. 449/97) DISAT – University of Firenze

Institutional activities

Correspondent Academic of the Accademia dei Georgofili

Board of Directors of the Italian Society of Agronomy (Secretary-Treasurer)

Board of Directors of the Italian Association of Agrometeorology (councillor)

Academic Board of the PhD in Agricultural and Environmental Sciences - University of Florence

Member of the council of DAGRI - University of Florence

Member of the Board of the School of Agriculture - University of Florence

Quality Referent (Review Group) for the MSc course "Natural Resource Management for Tropical Rural Development" - University of Florence

Language skills

English (spoken and written): fluent

French: beginner (written), intermediate (spoken)

Editorial activity

Field Editor of the Italian Journal of Agrometeorology

Associate Editor of Irrigation and Drainage

Research lines

Agronomy and crop production

Environmental sustainability

Precision agriculture

Crop modelling

Agrometeorology

Organization, participation, coordination of research and work groups

Member of the International Steering committee of the project "SERBian-Austrian-Italian (SAI) partnership FORcing EXCELlence in ecosystem research" (SERBIA for EXCELL). Call number: H2020-TWINN-2015(CSA) (2016-2018)

Italian delegate for the 17th session of the Commission of Agricultural Meteorology (CAgM17) of the World Meteorological Organization - WMO (2018)

International research group "Australia – United States Climate, Energy and Water Nexus Project". Participation to 4 international meetings for discussing productive potential and environmental impacts of energy crops cultivation (maize and sunflower) in Italy (2009-2012)

Expert for the sectors Water and Agriculture at the "Inter-Agency Consultation Meeting on User Interface Platform for the Agriculture and Water sectors in GFCS" organized by WMO (World Meteorological Organization), UNESCO and FAO 26-28 September, Rome (2011)

Expert at the COST Action 734 – "Impacts of CLimate change and Variability on European AGRiculture – CLIVAGRI" for WG1 Agroclimatic Indices and Simulation Models (2006-2010)

Scientific responsibility for international and national research projects

"An integrated approach to the challenge of sustainable food systems: adaptive and mitigatory strategies to address climate change and malnutrition – SYSTEMIC" - ERA-NET JPI HDHL-KH FNS: Knowledge Hub on Food and Nutrition Security (**Coordinator of EoI 1105**). Participation in WP1 (Resource use, current knowledge, and future trends) and WP2 (Sustainable & value-added food production) (2019 – 2022)

"Novel Organic Recovery Using Mobile Advanced Technology" (NOMAD). H2020 **Principal investigator** for UNIFI (partner), in particular she coordinates the experimental agronomic trials for testing organic fertilizers obtained by anaerobic digestion of different matrices (2018 – 2021).

"Implementing a support decision scheme for irrigated crops in Western Africa" (World Meteorological Organization) (**Principal investigator**). The goal is to increase the yields and water use efficiency of food crops (tomato, maize and quinoa) grown in Burkina Faso during the dry season by defining optimal irrigation strategies based on the combined use of soil moisture sensors and the simulation model AquaCrop (2019-2020) (2019-2020)

"Operationalizing the increase of water use efficiency and resilience in irrigation" (OPERA). WATER-JPI (2017-2019). **Principal investigator** for DAGRI-UNIFI (partner). In particular, she was responsible for the research activities in the Italian pilot area (Caserta) for the sustainable management of irrigation through the assimilation of satellite data into the AquaCrop model for the simulation of crop water use (maize and tomato)

"Assessing soil metagenome and pollinator community in a long term organic farming experiment in Tuscany" (Progetti di Ateneo RTD). She was **coordinator of the unit** that dealt with the agronomic field tests on sunflower fertilization and related soil nitrogen and carbon emissions under conventional and organic farming in the long-term experiment MOLTE.

Scientific and organizing committees

Member of the Scientific and Organizing Committees of AIAM "International Advanced School in Agricultural Meteorology – Agricultural Meteorology for a Climate Smart Agriculture" held from 8 to 19 March 2020.

Member of the Scientific Committee of the XLIX National Congress of the Italian Society of Agronomy "Sustainable management of cropping systems" held from 16 to 18 September 2020

26 August 2021

Signature