

## **Benedetta Camilli, PhD**

Sustainable Agriculture and Soil Science

### **Expertise**

- Agriculture specialist with expertise on sustainable farming, value chain development, climate change adaptation, agro- biodiversity conservation in small- holder socio-economic contexts in East Africa, Central Asia, Southeast Asia, Middle East and South America.
- Expert in technical assistance and project management in agriculture, agroforestry and rural development. Proficient in cooperation coordination mechanisms with bilateral and multilateral development partners (government actors, private sector, donors and development partners).
- Consultant and researcher at United Nations (FAO), NGOs, private companies, government institutions, academia, international development banks. Author of several international peer-reviewed articles integrating research and rural development.

### **Relevant experience:**

<b>2019-2020</b>	<b>International Winter School Global CoffeeScapes “Understanding the Coffee Commodity Chain: Land, Labor, and Environment” - Italy</b> Member of the Scientific Committee and organization of the winter school <b>PC Myanmar and ENI Foundation- Myanmar</b> Agriculture and Agribusiness Expert for the project “Support the Myanmar Government to Fight Malnutrition through Improvement of Food Security, Nutrition and Health Status in Three Townships of Magway Region” founded by ENI Foundation
<b>2018</b>	<b>Food and Agriculture Organization of the United Nations (UN-FAO)- Turkey</b> Agriculture Adaptation Expert in the project “Agricultural Implications for Ecosystem Based Adaptation (EBA) to Climate Change in Steppe Ecosystems”
<b>2017-2018</b>	<b>Italian Agency for Development Cooperation (AICS)- Ethiopia</b> Agriculture Expert
<b>2016-2017</b>	<b>Global APRI Agro-Pastoral Resilience Investment- Uganda</b> Country Focal Point & Team Leader
<b>2016</b>	<b>PC Myanmar and Asian Development Bank (ADB)- Myanmar</b> Team Leader Pilot Study “Ecosystem Services and Sustainable Livelihoods in the Central Dry Zone, Myanmar”
<b>2012-2015</b>	<b>Overseas NGO- Occupied Palestinian Territories</b> Team Leader and Technical Coordinator in the project “Poverty Reduction in rural Palestinian areas through the Conservation and Enhancement of Agro-biodiversity in Local Organic Farming Systems”
<b>2009</b>	<b>AGEA Permanent Representation to the European Union - Belgium</b> Programme Officer on Common Agricultural Policy reform process for Rural Development Plans with a focus on Agri-Environmental Measures
<b>2006- 2007</b>	<b>University of Tuscia- Italy</b> Junior Researcher in the project “Agro-biodiversity conservation and characterization of local varieties in traditional farming systems”

### **Education:**

- 2009- 2011**                    **University of Palermo, Italy**  
**International doctoral degree (PhD) in Agronomy and Soil Science**  
Dissertation: Effects of indigenous and traditional practices on soil carbon pools and microbiological activity in farming systems affected by persistent drought in Southern Peru.
- 2010**                            **Institute of Technology ETH, Switzerland**  
**PhD researcher**  
Tools and techniques for soil pollution assessment in drylands.
- 2005- 2008**                    **University of Tuscia, Italy**  
**M.Sc.**, Agriculture and crop quality, *cum laude*
- 2007**                            **Moscow State University, Russia**  
**International summer school**  
Monitoring and bio-indication of natural and anthropogenic complexes
- 2001- 2005**                    **University of Tuscia, Italy**  
**B.Sc.**, Agriculture
- 2003- 2004**                    **University of Valencia, Spain**  
Erasmus exchange

#### Internships:

- 2010- 2011**                    **Agricultural Research Council CRA, Italy**  
Tools and techniques for soil fertility and carbon stock assessment in drylands.
- 2004- 2005**                    **Agency for Development and Innovation in Agriculture ARSIAL, Italy**  
Land mapping and Geographic Information Systems (GIS)

#### Publications:

- Camilli B.**, Dell'Abate M.T., Mocali S., Fabiani A., Dazzi C., 2016. Evolution of organic carbon pools and microbial diversity in hyperarid anthropogenic soils. *Journal of Arid Environments* 124 (318-331)
- Basheer-Salimia R., **Camilli B.**, Scacchi S., Noli E., Awad M., 2015. Assessment of genetic diversity in lentils (*Lens culinaris* Medik) based on single nucleotide polymorphisms. *Genetics and Molecular Research* 14 (2): 5870-5878.
- Basheer-Salimia R., **Camilli B.**, Scacchi S., Noli E., Awad M., 2014. Genetic Diversity among Palestinian Fava Bean (*Vicia faba* L.) ecotypes based on single nucleotide polymorphisms. *European Journal of Horticultural Science* 6/2014; 79: 300-305.
- Camilli B.**, Dell'Abate M.T., Mocali S., Dazzi C., 2014. Dynamics of organic carbon pools and microbial diversity over time in anthropogenic terraced soils of Southern Peru. *Geophysical Research Abstracts* Vol. 16, EGU 2014.
- Camilli B.**, Lo Papa G., Palermo V., Dazzi C., 2010. Further findings toward a comprehensive theory for the genesis of Vertisols. 16th Congress of the International Soil Conservation Organization (ISCO), Abstracts Issue, Santiago del Chile, November 7- 13 2010.
- Camilli B.**, Dell'Abate M.T., Mocali S., Dazzi C., 2011. Organic matter and microbial community in anthropogenic soils of arid environment. Abstract Proceedings of the 6<sup>th</sup> International Congress of European Society for Soil Conservation (ESSC): Innovative Strategies and Policies for Soil Conservation. Thessaloniki, Greece May 9-14 2011

#### IT skills:

Excellent knowledge of Word, Excel, PowerPoint, basic knowledge of GIS and Software for Statistics (STATA) Science statistic analysis.

#### Language skills:

**English:** fluent; **Spanish:** good; **French:** basic; **Italian:** mother tongue