

**MASSIMO BRAMBILLA** ([Scopus ID: 7005473286](#))

**Current Position:** Massimo Brambilla is a Senior Researcher (Primo Ricercatore) at CREA (Research Centre for Engineering and Agro-Food Processing) in Treviso, Italy. He conducts extensive research and experimental activities in agricultural engineering, biosystems, and farm mechanization.

### Research Interests

His primary research areas include:

- Logistics for the harvesting and energy recovery of pruning residues.
- Precision Agriculture applied to manure soil mixing and rheological analysis of livestock wastewater for fertigation.
- Techniques for field-enhanced valorisation of digestate.
- Assessment of vibrational comfort in self-propelled machinery and oil/engine consumption in modern tractors.
- Occupational health in livestock farming: protecting operators from zoonotic agents (Hepatitis E) and antimicrobial resistance (FOOD-WAT-HEV and ACQUAIR projects), in collaboration with the Italian National Institute of Health (ISS).
- Advanced Aquaphotomics NIR processing for food quality assessment and soil characterization.

### Academic Appointments & Professional Service

- Academic Editor: *PLOS ONE* (since 2024).
- Adjunct Professor: "Integrated Production Systems and Circular Economy" at the University of Brescia (M.Sc. in Technologies for Ecological Transition in Agriculture, 2025-2026).
- External Reviewer: European Commission (Horizon 2020), Italian Ministry of University and Research (MUR - PRIN and VQR programs), University of Rome Tor Vergata, and the Emilia Romagna Region.

### Professional Background

- **2003 – 2011:** Research Fellow and Graduate Technician at the University of Milan (VSA Department). Focused on odor emission characterization, methane potential of biomass, and atmospheric dispersion modeling.
- **1997 – 2002:** Research Fellow at Università Cattolica del Sacro Cuore. Investigated radioactivity fluxes in crops and developed dynamic models for radioactive pollution management in processing tomatoe crops.

### Education & Certifications

- **2003:** Professional Practice Examination (Licensed Agronomist).
- **2002:** Ph.D. in Agricultural Chemistry, Università Cattolica del Sacro Cuore.
- **1999:** Certificate in Advanced English (CAE), University of Cambridge.
- **1996:** M.Sc. in Agricultural Sciences, Università Cattolica del Sacro Cuore (Final Grade: 107/110).

**Publications:** Author of 87 publications in international peer-reviewed journals. H-index: 18 (Source: Scopus, February 2026).