

PERSONAL INFORMATION

Alessandro Peressotti



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🌐 <https://people.uniud.it/page/alessandro.peressotti>

💬 Replace with type of IM service peressotti (Skype)

Sex M | Date of birth 16/01/1962 | Nationality Italian

Enterprise	University	EPR
<input checked="" type="checkbox"/> Management Level	<input checked="" type="checkbox"/> Full professor	<input checked="" type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

From 2016 **Full professor Agronomy and Crop Sciences**  
c/o DI4A University of Udine – Italy (SSD AGR02 – SC 07/B1)

From 2007 to 2016 **Associate professor Agronomy and Crop Sciences**  
From 1995 to 2016 **Scientific Researcher Agronomy and Crop Sciences**

EDUCATION AND TRAINING

1993 **Ph.D. “Productivity of Crops” - “Produttività delle Piante coltivate”**  
University of Udine – Italy – V cycle  
1988 **M.Sc. Agricultural Sciences**  
University of Udine – Italy

WORKACTIVITIES

**Editorial Activity** Revier for 26 scientific journals in the Agricultural and Life science category belonging to constellation of Elsevier, Wiley, Blackwell, Frontiers, Nature.  
**Invited presentations** ~~Italian~~ Peressotti A. Creating Synergies in Supporting Science, Innovation and Development. Int. Meeting Biochar Systems for Africa. World Agroforestry Center Nairobi Kenya 1-2 March 2016;2. 2015 Peressotti. Alessandro Biochar in Tropical Agriculture: A green light from research? Joint International Biochar Symposium 2015 Geisenheim (Germany), from 28th-30th September 2015;;3. 2015 Peressotti Alessandro Priorities and transfer of knowledge in cooperation projects in tropical and subtropical countries. Biochar EXPO Milan 24-26 June 2015; 6. 2013 Food, Cooking and Human Health Venice International University Food, Humans, Resources and Globalisation. Venice October 11, 2013

**Mother tongue(s)** Italian  
**Other language(s)**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B2	B2	B2	B1	B1

Organisational Job/related skill

• Founder of two University spin-off: Semenostrium <https://www.semenostrium.it/> and Blucomb <https://www.blucomb.com/>; Owner of two patents of migro-gassification devices of agricultural residues; Member of ICOS-Italy <https://www.icos-italy.it/>; Good knowledge of design and development of scientific instrumentation for agricultural and environmental observation. Proficient in electronics and microcomputing.

## Publications

- Damm, A., Cogliati, S., Colombo, R., Fritsche, L., Genangeli, A., Genesio, L., Hanus, J., Peressotti, A., Rademske, P., Rascher, U., Schuettemeyer, D., Siegmann, B., Sturm, J., Miglietta, F. Response times of remote sensing measured sun-induced chlorophyll fluorescence, surface temperature and vegetation indices to evolving soil water limitation in a crop canopy (2022) *Remote Sensing of Environment*, 273, art. no. 112957, .
- Salvatori, N., Alberti, G., Muller, O., Peressotti, A. Does Fluctuating Light Affect Crop Yield? A Focus on the Dynamic Photosynthesis of Two Soybean Varieties (2022) *Frontiers in Plant Science*, 13, art. no. 862275, .
- Salvatori, N., Giorgio, A., Muller, O., Rascher, U., Peressotti, A. A low-cost automated growth chamber system for continuous measurements of gas exchange at canopy scale in dynamic conditions (2021) *Plant Methods*, 17 (1), art. no. 69,
- Genesio, L., Bright, R.M., Alberti, G., Peressotti, A., Delle Vedove, G., Incerti, G., Toscano, P., Rinaldi, M., Muller, O., Miglietta, F. A chlorophyll-deficient, highly reflective soybean mutant: radiative forcing and yield gaps(2020) *Environmental Research Letters*, 15 (7), art. no. 074014,
- Spielmann, F.M., Wohlfahrt, G., Hammerle, A., Kitz, F., Migliavacca, M., Alberti, G., Ibrom, A., El-Madany, T.S., Gerdel, K., Moreno, G., Kolle, O., Karl, T., Peressotti, A., Delle Vedove, G. Gross Primary Productivity of Four European Ecosystems Constrained by Joint CO<sub>2</sub> and COS Flux Measurements (2019) *Geophysical Research Letters*, 46 (10), pp. 5284-5293.
- De Simon, G., Alberti, G., Delle Vedove, G., Peressotti, A., Zaldei, A., Miglietta, F. Short-term cropland responses to temperature extreme events during late winter (2013) *Biogeosciences*, 10 (8), pp. 5545-5553.
- Cotrufo, M.F., Alberti, G., Inghima, I., Marjanovič, H., Lécain, D., Zaldei, A., Peressotti, A., Miglietta, F. Decreased summer drought affects plant productivity and soil carbon dynamics in a Mediterranean woodland (2011) *Biogeosciences*, 8 (9), pp. 2729-2739.
- Miglietta, F., Peressotti, A., Viola, R., Körner, C., Amthor, J.S. Stomatal numbers, leaf and canopy conductance, and the control of transpiration (2011) *Proceedings of the National Academy of Sciences of the United States of America*, 108 (28), pp. E275.
- Ferlan, M., Alberti, G., Eler, K., Batič, F., Peressotti, A., Miglietta, F., Zaldei, A., Simončič, P., Vodnik, D. Comparing carbon fluxes between different stages of secondary succession of a karst grassland (2011) *Agriculture, Ecosystems and Environment*, 140 (1-2), pp. 199-207.
- Lugato, E., Zuliani, M., Alberti, G., Vedove, G.D., Gioli, B., Miglietta, F., Peressotti, A. Application of DNDC biogeochemistry model to estimate greenhouse gas emissions from Italian agricultural areas at high spatial resolution (2010) *Agriculture, Ecosystems and Environment*, 139 (4), pp. 546-556. 2), pp. 15-24.

## Projects

- 1. Biochar PLus (EU ACP S&T II) Coordinatore del progetto europeo FED/2013/330-236 ENERGY, HEALTH, AGRICULTURAL AND ENVIRONMENTAL BENEFITS FROM BIOCHAR USE: BUILDING CAPACITIES IN ACP COUNTRIES  
<https://sites.google.com/site/biocharplusproject/home>
- 2. BEBI (EU ACP S&T 2008-157) Coordinatore del progetto europeo: "Agricultural and Environmental Benefits from biochar use in ACP countries" (2009-2011) [www.bebi-project.uniud.it](http://www.bebi-project.uniud.it)
- 3. EXPEER (FP7-INFRASTRUCTURES-2010-1) Responsabile Unita' operativa del progetto Distributed Infrastructure for EXPERimentation in Ecosystem Research (2010-2013) Coordinatore Abbad Chabbi INRA - Parigi
- 4. GHG EUROPE (FP7-ENV-2009-1) Responsabile unità operativa "Greenhouse gas management in European land use systems" Coordinatore Max Plank Instituut lena (D) (2009-2014)
- 5. CARBOEXTREME (FP7-ENV-2009-6.1.1) Responsabile Unita operativa The terrestrial Carbon cycle under Climate Variability and Extremes a Pan-European synthesis Coordinatore Max Plank Instituut lena (D) (2009-2013) [www.carbo-extreme.eu](http://www.carbo-extreme.eu)
- 6. NITROEUROPE (FP6 – ENV- 2006) The nitrogen cycle and its influence on the European greenhouse gas balance Responsabile Unita' operativa (partner associate) Coordinatore Center for Ecology and Hydrology NERC (UK) (2006-2011) [www.nitroeuropa.eu](http://www.nitroeuropa.eu)
- 8. CARBOMARK (LIFE+ Environment 2007) Responsabile unita' operativa del progetto: "Improvement of Policy towards local voluntary Carbon markets for climate change mitigation" Coordinatore regione Veneto (2009-2011) [www.carbomark.org](http://www.carbomark.org)
- 9. CARBON PRO (EU CADSES Interreg IIIB) Responsabile scientifico dell' Unita' operativa del progetto: "Carbon Balance drafting and new resources management tools accordino to Kyoto Protocol. [www.carbonpro.org](http://www.carbonpro.org) (2006-2008) Coordinatore Regione Friuli Venezia
- 10. CARBOITALY FISR Responsabile di unita' operativa del progetto: Rete nazionale di misura dei sink forestali ed agricoli italiani e sviluppo di un sistema di previsione dell' assorbimento di gas serra - (2006-2010) Coordinatore Universita' della Tuscia Viterbo

Udine, 31/12/2022

Alessandro Peressotti

