

Vittoria Giannini



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Affiliation: University of Padova

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Education

- Jan 2013- May 2016** **PhD Program** in Agrobioscience at Institute of Life Sciences, Scuola Superiore Sant'Anna (Pisa, Italy). Research project on 'Paludiculture with perennial energy crops as a new strategy for the phyto-treatment in a Mediterranean drained peatland'. Supervisor: Prof. Enrico Bonari. Defense date: 6th May 2016.
- Oct 2010- Oct 2012** **Master Degree in: “Progettazione e Gestione del Verde Urbano e del Paesaggio” (LM-69)** , *University of Pisa (PI)*. Graduation date: 3rd Oct 2012.
GRADUATION SCORE : *110/110 cum laude*
- Oct 2007 - Oct 2010** **Bachelor Degree in: “Gestione del Verde Urbano e del Paesaggio”**, *University of Pisa (PI)*. Graduation date: 8th Oct 2010.
GRADUATION SCORE: *110/110 cum laude*
- Oct 2007 – Oct 2013** **Honors Student at Scuola Superiore Sant'Anna di Studi Universitari e di Perfezionamento, Pisa** – Class of Agricultural Science and Biotechnology. Graduation date of Diploma di Licenza Specialistica: 25th Oct 2013
GRADUATION SCORE : *100/100 cum laude*

Activities abroad	
Nov 2014- Mar2015	Erasmus+ at Greifswald University, Institute of Botany and Landscape Ecology- Greifswald (DE) Research Project: Paludiculture as a restoration strategy in a Mediterranean drained peatland as new agricultural perspective for those marginal lands. Supervisor: Prof. Hans Joosten
Sept- Oct 2011	Internship at Auburn University, College of Agriculture, Agronomy and Soil Dept. - Alabama (USA) Research Project: Different strategies for the overseeding of Bermudagrass with <i>Poa trivialis</i> . Supervisor: Prof. Scott McElroy
Jan-Feb 2010	Internship at Cranfield University, Centre for Sports Surface Technology and Applied Sciences – Cranfield (UK) Research Project: The quality of the sport surfaces and biomechanical interactions with the athlete. Supervisor: Prof. Ian James
Working experience	
Apr 2024-ongoing	Associate Assistant Professor Researcher (RTD- B) at Department of Agronomy, Food, Natural Resources, Animals and Environment, University of Padova
Aug 2022-March2024	Tenure Track Assistant Professor Researcher (RTD- B) at Department of Agronomy, Food, Natural Resources, Animals and Environment, University of Padova
Aug 2019-Jul2022	Junior Researcher (RTD- A) at Department of Agriculture, University of Sassari
Sept 2016-Aug 2019	Post-Doctoral Fellow at Institute of Life Sciences, Scuola Superiore Sant’Anna di Pisa
Feb 2016-Aug2016	Post-graduate Scholarship at Institute of Life Sciences, Scuola Superiore Sant’Anna di Pisa.
Teaching experience abroad	
Apr 2018	Institut Polytechnique UniLaSalle – Beauvais (FR). 6 hours of lessons to Master Students during the Water Spring Semester. Topic: Water management across agroecosystems.
Mar 2019	Institut Polytechnique UniLaSalle – Beauvais (FR). 5.5 hours of lessons to Master Students during the Water Spring Semester. Topic: Water management across agroecosystems

Peer-reviewed publications

- 1) Raimondi, G., Todde, P., Roggero, P. P., Mula, L., & **Giannini, V.** (2025). Temporary Intercropping With Forage or Industrial Crops Improves Yield and Weed Control in Cardoon (*Cynara cardunculus* var. *altilis* DC). *GCB Bioenergy*, 17(8), e70062.
- 2) Mannu, R., **Giannini, V.**, Lentini, A., Olivieri, M., Pintus, S., Pisano, L., ... & Azzena, U. (2025). From waste to opportunity: evaluating the pesticidal properties of a waste cooking oil and its derivatives. *Journal of Plant Diseases and Protection*, 132(3), 105.
- 3) Burato, A., Džomba, E., Čengiċ-Džomba, S., Chrysargyris, A., Kallikazarou, N., Melito, S., Marceddu, D. Ortega, S., **Giannini, V.**, ... & Ronga, D. (2025). Effects of organo-mineral fertilizers containing struvite from liquid digestate on the growth of baby-leaf lettuce and radish. *Italian Journal of Agronomy*, 20(1), 100030.
- 4) Todde, P., Roggero, P. P., & **Giannini, V.** (2024). Temporary intercropping of cultivated cardoon in Mediterranean mountain farmlands: A case study from Gennargentu-Mandrolisai (Sardinia, Italy). *Italian Journal of Agronomy*, 19(4), 100026.
- 5) Melito, S., Sarais, G., Dessi, D., Santaniello, A., Povero, G., Piga, G. K., & **Giannini, V.** (2024). Root-promoting biostimulant enhances salinity tolerance in wild and cultivated rocket salads. *Journal of Soil Science and Plant Nutrition*, 24(4), 6268-6282.
- 6) Golin, M. F., **Giannini, V.**, Bagarello, M., Vernaza Cartagena, W. C., Giordano, M., & Maucieri, C. (2024). Processing tomato and potato response to biostimulant application in open field: an overview. *Agronomy*, 14(11), 2699.
- 7) Sozzi, M., Virili, A., Vernaza-Cartagena, W. C., Manera, G., Gubiani, R., Marraccini, E., **Giannini, V.** & Bietresato, M. (2024, October). Mechanization of Field Plot Experiments Designed to Test Different Intercropping Layouts. In *2024 IEEE International Workshop on Metrology for Agriculture and Forestry (MetroAgriFor)* (pp. 637-642). IEEE.
- 8) Di Prima, S., Fernandes, G., Burguet, M., Ribeiro Roder, L., **Giannini, V.**, Giadrossich, F., ... & Comegna, A. (2024). Assessing Soil Physical Quality in a Layered Agricultural Soil: A Comprehensive Approach Using Infiltration Experiments and Time-Lapse Ground-Penetrating Radar Surveys. *Applied Sciences*, 14(20), 9268.
- 9) Raimondi, G., Loddo, D., **Giannini, V.**, & Borin, M. (2024). Unveiling the impact of winter cover crops and weedy fallow on the soil seedbank. *European Journal of Agronomy*, 160, 127309.
- 10) Todde, P., Debolini, M., Roggero, P. P., & **Giannini, V.** (2024). Disentangling the drivers of marginalisation in Mediterranean inlands: A case study in the Sardinian mountains. *Catena*, 242, 108110.
- 11) Bianco, A., Melito, S., Garau, M., **Giannini, V.**, Zara, G., Assandri, D., ... & Budroni, M. (2024). The potential use of brewers' spent grain-based substrates as horticultural bio-fertilizers. *Frontiers in Sustainable Food Systems*, 8, 1404914.
- 12) Chahine, S., Melito, S., **Giannini, V.**, Seddaiu, G., & Roggero, P. P. (2024). Fluoride stress affects seed germination and seedling growth by altering the morpho-physiology of an African local bean variety. *Plant Growth Regulation*, 102(2), 339-350.
- 13) Melito, S., Ronga, D., Marceddu, D., Kallikazarou, N. I., Antoniou, M. G., & **Giannini, V.** (2023). Organo-mineral fertilizer containing struvite from liquid digestate for Cucurbita pepo L. seedling production. *Journal of Soil Science and Plant Nutrition*, 23(4), 6707-6720.
- 14) **Giannini, V.**, Raimondi, G., Toffanin, A., Maucieri, C., & Borin, M. (2023). Agronomic management strategies to increase soil organic carbon in the short-term: evidence from on-farm experimentation in the Veneto region. *Plant and Soil*, 491(1), 561-574.
- 15) Maucieri, C., Barbera, A. C., **Giannini, V.**, Caruso, C., Dalla Costa, L., & Borin, M. (2023). Agronomic and environmental performance of 6 energy crops in a close loop with digestate fertilization. *Archives of Agronomy and Soil Science*, 69(15), 3422-3437.
- 16) **Giannini, V.**, Moro, G., Marche, M. G., Hamze, R., & Ruiu, L. (2023). Exploring the bioactivity of a novel pine wood distillate (PWD) for plant growth and protection. *Journal of Plant Diseases and Protection*, 130(4), 725-734.
- 17) **Giannini, V.**, & Marraccini, E. (2023). On-farm experimentation in agronomic research: an Italian perspective. *Italian Journal of Agronomy*, 18(4), 2215.

- 18) **Giannini, V.**, Maucieri, C., Vamerali, T., Zanin, G., Schiavon, S., Pettenella, D. M., ... & Borin, M. (2022). Sunflower: From Cortuso's description (1585) to current agronomy, uses and perspectives. *Agriculture*, 12(12), 1978.
- 19) **Giannini, V.**, Harris, J. R., Todde, P., & McElroy, J. S. (2022). Concurrent weed growth suppression with essential oils and species-specific response to fractionated coconut oil. *Industrial Crops and Products*, 182, 114850.
- 20) **Giannini, V.**, Mula, L., Carta, M., Patteri, G., & Roggero, P. P. (2022). Interplay of irrigation strategies and sowing dates on sunflower yield in semi-arid Mediterranean areas. *Agricultural Water Management*, 260, 107287.
- 21) Di Prima, S., **Giannini, V.**, Roder, L. R., Giadrossich, F., Lassabatere, L., Stewart, R. D., ... & Pirastru, M. (2022). Coupling time-lapse ground penetrating radar surveys and infiltration experiments to characterize two types of non-uniform flow. *Science of The Total Environment*, 806, 150410.
- 22) D'Amelia, V., Sarais, G., Fais, G., Dessì, D., **Giannini, V.**, Garramone, R., ... & Melito, S. (2022). Biochemical characterization and effects of cooking methods on main phytochemicals of red and purple potato tubers, a natural functional food. *Foods*, 11(3), 384.
- 23) Chahine, S., Melito, S., **Giannini, V.**, Roggero, P. P., & Seddaiu, G. (2022). Endogenous calcium mediates seedling growth and fluoride stress tolerance in four bean genotypes. *Italian Journal of Agronomy*, 17(3), 2073.
- 24) **Giannini, V.**, Loddo, D., & McElroy, J. S. (2021). Integrated weed management: Tools and strategies in a world of pesticide restriction. *Italian Journal of Agronomy*, 16(4).
- 25) **Giannini, V.**, Melito, S., Matteo, R., Lazzeri, L., Pagnotta, E., Chahine, S., & Roggero, P. P. (2021). Testing *Eruca sativa* defatted seed meal as a potential bioherbicide on selected weeds and crops. *Industrial Crops and Products*, 171, 113834.
- 26) Loddo, D., McElroy, J. S., & **Giannini, V.** (2021). Problems and perspectives in weed management. *Italian Journal of Agronomy*, 16(4), 1854.
- 27) Chahine, S., **Giannini, V.**, Roggero, P. P., & Melito, S. (2021). First insight of exogenous addition of proline and glycinebetaine to mitigate fluorine toxicity effects on common bean seedlings. *Italian Journal of Agronomy*, 16(2), 1754.
- 28) Pecchioni, G., Bosco, S., Volpi, I., Mantino, A., Dragoni, F., **Giannini, V.**, ... & Ragaglini, G. (2020). Carbon budget of an agroforestry system after being converted from a poplar short rotation coppice. *Agronomy*, 10(9), 1251.
- 29) **Giannini, V.**, Peruzzi, E., Masciandaro, G., Doni, S., Macci, C., Bonari, E., & Silvestri, N. (2020). Comparison among different rewetting strategies of degraded agricultural peaty soils: Short-term effects on chemical properties and ecoenzymatic activities. *Agronomy*, 10(8), 1084.
- 30) Mantino, A., **Giannini, V.**, Tozzini, C., Bonari, E., & Ragaglini, G. (2020). The overseeding of two cool-season legumes (*Hedysarum coronarium* L. and *Trifolium incarnatum* L.) on switchgrass (*Panicum virgatum* L.) mature stands increased biomass productivity. *Italian Journal of Agronomy*, 15(1), 1510.
- 31) De Peppo, M., Dragoni, F., Volpi, I., Mantino, A., **Giannini, V.**, Filipponi, F., ... & Ragaglini, G. (2019, October). Modelling the ground-LAI to satellite-NDVI (Sentinel-2) relationship considering variability sources due to crop type (*Triticum durum* L., *Zea mays* L., and *Medicago sativa* L.) and farm management. In *Remote Sensing for Agriculture, Ecosystems, and Hydrology XXI* (Vol. 11149, pp. 153-167). SPIE.
- 32) **Giannini, V.**, Bertacchi, A., Bonari, E., Silvestri, N. (2019). Recolonisation by spontaneous vegetation of a rewetted peatland after topsoil removal: a focus on biomass production and nutrient uptake. *Wetlands*. Doi:10.1007/s13157-019-01141-2
- 33) Bertacchi, A., **Giannini, V.**, Di Franco, C., Silvestri, N. (2019). Using unmanned aerial vehicles for vegetation mapping and identification of botanical species in wetlands. *Landscape and Ecological Engineering*. <https://doi.org/10.1007/s11355-018-00368-1>
- 34) Silvestri, N., **Giannini, V.**, Antichi, D. (2018). Intercropping cover crops with a poplar short rotation coppice: effects on nutrient uptake and biomass production. *Italian Journal of Agronomy* 13(2): 126-133.
- 35) **Giannini, V.**, Bertacchi, A., Bonari, E., Silvestri, N. (2018). Rewetting in Mediterranean reclaimed peaty soils and its potential for phyto-treatment use. *Journal of environmental*

- management* 208: 92-101.
- 36) Dragoni F.*, **Giannini V.***, Ragaglini G., Bonari E., Silvestri N. (2017). Effect of Harvest Time and Frequency on Biomass Quality and Biomethane Potential of Common Reed (*Phragmites australis*) Under Paludiculture Conditions. *BioEnergy Reserch* 10(4): 1066-1078. * these authors equally contributed to the present work
 - 37) **Giannini V.**, Silvestri N., Dragoni F., Pistocchi C., Sabbatini T., Bonari E. (2017). Growth and nutrient uptake of perennial crops in a paludicultural approach in a drained Mediterranean peatland. *Ecological Engineering*, 103: 478-487.
 - 38) Silvestri N., **Giannini V.**, Dragoni F., Bonari E. (2017). A multi-adaptive framework for the crop choice in a paludicultural cropping system. *Italian Journal of Agronomy* 12: 69-76.
 - 39) **Giannini V.**, Oehmke C., Silvestri N., Wichtmann W., Dragoni F., Bonari E. (2016). Combustibility of biomass from perennial crops cultivated on a Mediterranean drained peatland. *Ecological Engineering* 97: 157-169.
 - 40) **Giannini V.**, Pistocchi C., Silvestri N., Volterrani M., Cantini C., Bonari E. (2015). Preliminary investigation on the potential use of two C4 turfgrass species to reduce nutrient release in a Mediterranean drained peatland. *Environmental Science and Pollution Research* 22.4: 2396-2405.
 - 41) Pompeiano A., **Giannini V.**, Gaetani M., Vita F., Guglielminetti L., Bonari E., Volterrani M. (2014). Response of warm-season grasses to N fertilization and salinity. *Scientia Horticulturae* 177: 92-98.

Conference proceedings

- Cargnus E., Annoscia D., Frizzera D., Scaccini D., Virili A., Vernaza Cartagena W.C., Pozzebon A., Marraccini E., **Giannini V.** Buckwheat promotes honey and small wild bees (Apoidea) foraging in diversified soybean-based cropping systems. 54' Convegno della Società Italiana di Agronomia. Torino, 17-19 Settembre 2025 (poster)
- Alandia G., Pesce G.R., Rolando G., Ferrero F., Tabacco E., Borreani G., **Giannini V.**, Marraccini E., Maucieri C. Performance of drought-tolerant maize hybrids in Northern of Italy. 54' Convegno della Società Italiana di Agronomia. Torino, 17-19 Settembre 2025 (poster)
- Raimondi G., Giordano M., **Giannini V.**, Berti A., Maucieri C. Is Cu based vineyard protection environmentally sustainable in the long term? 54' Convegno della Società Italiana di Agronomia. Torino, 17-19 Settembre 2025 (poster)
- Vernaza Cartagena W.C., Virili A., Pozzebon A., Scaccini D., Marraccini E., **Giannini V.** Soybean-buckwheat intercropped systems to support grain production and pest control in North-Eastern Italy. 8th Conference farming system design. Palaiseau, 25-9 August 2025 (oral presentation)
- **Giannini V.**, Vernaza Cartagena W.C., Virili A., Borin M., Delle Vedove G., Maucieri C., Marraccini E. A collaborative approach to diversified soybean-based cropping system: design of four OFE in North-Eastern Italy. 18° Conference of European Society of Agronomy. Rennes, 26-30 August 2024 (poster)
- Virili A., Marraccini E., Annoscia D., Bietrestato M., Borin M., Delle Vedove G., Masin R., Maucieri C., Pozzebon A., Sozzi M., Vernaza Cartagena W.C., **Giannini V.** ECOSystem services Enhancement in DiveRsifiEd soybean-based systems (ECO-DRESS). AISSA #under40, Firenze, 26-27 June 2024 (poster)
- Sozzi M., Marraccini E., **Giannini V.**, Bietresato M. Technical challenges faced by sowing/transplanting machinery operating in intercropping agricultural systems. Mid-Term Conference of AIIA (Italian association of agricultural engineers). Padova, 17-19 June 2024 (poster).
- Sozzi M., Virili A., Vernaza Cartagena W.C., Manera G., Gubiani R., Marraccini E., **Giannini V.**, Bietresato M. Mechanization on field plot experiments designed to test different intercropping layout. IEEE metrology for agriculture and forestry 2024. 29-31 October 2024 (oral presentation)
- Virili A., Vernaza Cartagena W.C., Borin M., Maucieri C., **Giannini V.**, Marraccini E. An overview of soybean-based cropping systems in North-Eastern Italy. 53' Convegno della Società Italiana di Agronomia. Matera, 11-13 Settembre 2024 (poster)
- Pesce G.R., Alandia G., Borreani G., Ferrero F., **Giannini V.**, Marraccini E., Maucieri C., Rolando G., Tabacco E., Borin M. A Living Lab approach for a multi-scale experimentation in northern Italy on drought resistant maize hybrids. 53' Convegno della Società Italiana di Agronomia. Matera, 11-13 Settembre 2024 (poster)
- Marraccini E., **Giannini V.**, Alandia G., Borreani G., Delle Vedove G., Ferrero F., Loddo D., Marzachi C., Maucieri C., Mimmo M., Nicoletto C., Panozzo S., Peressotti A., Rolando G., Sartori L., Sturaro E., Tabacco E., Tagliavini M., Taskin E., Pesce GR, Borin M. On farm and plot experimentations of climate-smart agricultural practices in Northern Italy. 53' Convegno della Società Italiana di Agronomia. Matera, 11-13 Settembre 2024 (poster)
- **Giannini V.**, Maucieri C., Pesce G.R., Borin M. When Living Labs meet 'on-farm experimentation': experience from Veneto Region. ASA, CSSA, SSSA International Annual Meeting 2023. St. Louis (MO), 29 Ottobre – 1 Novembre 2023 (oral presentation)
- Marraccini E., **Giannini V.** "On farm experimentation" in agriculture: challenges, limits and opportunities. Relazione orale ad invito al 52° Convegno SIA. Napoli, 24-27 Settembre 2023
- Zanin G., Maucieri C., **Giannini V.**, Borin M. Stormwater mitigation of summer established green roofs. Water Innovation & Circulation Conference (WICC). Atene, 7-9 Luglio 2023 (oral presentation)
- Marraccini E., **Giannini V.**, Sturaro E., Peressotti A., Borin M. The farm network of the national agritech center (Italy): design, challenges and opportunities for OFE. OFE2023, online, 5-7 dicembre 2023 (eposter)
- Pesce G.R., Marraccini E., **Giannini V.**, ...Borin M. A farm network of farms to develop and test innovations for climate-smart cropping system. 52° Convegno SIA. Napoli, 24-27 Settembre 2023 (poster)
- Todde P., **Giannini V.**, Roggero P.P. Analysis of the phenomena of marginalization in the

Mandrolisai-Gennargentu and hypothesis of agronomic valorization of those areas in Sardinia. AISSA #under40 2021. Sassari, Italia, 1-2 luglio 2021 (poster)

- Di Prima S., **Giannini V.**, Roder L., Steward R.D., Najm M.R.A., Longo V., Winiarski T., Angulo-Jaramillo R., Pirastru M., Lassabatere L., Roggero P.P. Using GPR surveys and infiltration experiments for assessing soil physical quality of an agricultural soil. EGU 2021
- **Giannini V.**, Carta M., Mula L., Patteri G., Roggero P.P. Effects of Sowing Dates and Water Stress on quantitative traits in sunflower: field trials and modelling studies. SIA 2020, Convegno Nazionale Società Italiana di Agronomia. Bari, Italia, 16-18 Settembre 2020 (oral presentation)
- **Giannini V.**, Di Prima S., Mula L., Marrosu R., Pirastru M., Lassabatere L., Angulo-Jaramillo R., Roggero P.P. Assessing the effects of cardoon intercropping with different cover crops on soil physical quality with BEST-2K method and automatic infiltrometers. EGU 2020 (poster)
- **Giannini V.**, Bonari E., Peruzzi E., Doni S., Macci C., Masciandaro G., Silvestri N. The effects of different restoration strategies on topsoil conditions in a drained Mediterranean peatland. WETPOL 2019, International Wetland Symposium on Wetland Pollutant Dynamics and Control, Aarhus, Denmark, 17-21 June 2019 (oral presentation)
- Dragoni F., **Giannini V.**, Ragaglini G., Bonari E., Silvestri N. Paludiculture in a mediterranean peatland: energy yields from anaerobic digestion of three perennial energy crops. 15th International Conference on Renewable Resources and Biorefineries, Toulouse, France, 3-5 June 2019 (oral presentation)
- Dragoni F., **Giannini V.**, Bertoli A., Bonari E. Can biomass from *Chaetomorpha linum* be considered as a candidate feedstock for integrated biorefineries? 15th International Conference on Renewable Resources and Biorefineries, Toulouse, France, 3-5 June 2019 (poster)
- **Giannini V.**, Tozzini C., Praolini F., Pozzi A., Ragaglini G. Revegetation of a temporary constructed wetland created for securing a landfill area. SAM13, 13th International Conference on Society and Materials, Theme: Food, Health, Biodiversity and Ecosystem Services, Pisa, Italy, 20-21 May (poster)
- Pecchioni G., Bosco S., Volpi I., Mantino A., Dragoni F., **Giannini V.**, Micci M., Tozzini C., Mele M., Ragaglini G. The net biome production of an alley-cropping system of sorghum and poplar SRC compared to an open field cultivation. 4th World Congress on Agroforestry. Montpellier, France, 20-22 May 2019 (oral presentation)
- Pecchioni G., Mantino A., Bosco S., Volpi I., **Giannini V.**, Dragoni F., Tozzini C., Coli A., Mele M., Ragaglini G. Mediterranean silvoarable systems for feed and fuel: the AGROFORCES Project (AGROFORestry for Carbon sequestration and Ecosystem Services). 4th European Agroforestry Conference. Niimegen, The Netherlands, 28-30 May 2018 (poster)
- **Giannini V.**, Bonari E., Silvestri N. What we have learnt from five years of paludiculture in a Mediterranean peatland (Tuscany, IT). Conference RRR2017: Renewable resources from wet and rewetted peatlands. Greifswald, Germany, 26-28 October 2017 (oral presentation/chair person of the session 'Biomass: production and utilisation')
- **Giannini V.** Feedback on the cultivation of perennial species in a paludicultural approach in a Mediterranean peatland. Retours d'expériences de restauration et de valorisation de tourbières. Ruffieux, 15-16 May 2017 (oral presentation/invited speaker).
- Silvestri N., **Giannini V.**, Antichi D. Effect of Cover Crops on Nitrogen Uptake, Soil Water Content and Biomass Production in a Short Rotation Poplar Plantation. XLV Convegno Nazionale Società Italiana di Agronomia. Sassari, Italia, 20-22 September 2016 (poster)
- **Giannini V.**, Bertacchi A., Silvestri N., Di Franco C., Bonari E. Renaturation dynamics after the rewetting of a Mediterranean agricultural peatland. Wetland Science and Society: knowledge transfer, conservation conflicts and restoration management, SWS Europe Chapter 2016. Potsdam, Germany, 17-20 May 2016 (**BEST POSTER AWARD**)
- Silvestri N., Sabbatini T., Cantini V., Barbagli A., **Giannini V.**, Rossetto R., Pistocchi C., Bonari E. Can peatland rewetting improve the water quality coming from the drainage of the surrounding areas? Wetland Science and Society: knowledge transfer, conservation conflicts and restoration management, SWS Europe Chapter 2016. Potsdam, Germany, 17-20 May 2016 (poster)
- **Giannini V.**, Oehmke C., Silvestri N., Dragoni F., Wichtmann, W., Bonari E. Combustibility of biomass from perennial crops cultivated on a rewetted Mediterranean peatland. Wetlands in agricultural landscapes conference. České Budějovice, Czech Republic, 11-16 October 2015 (oral presentation)
- Dragoni F., **Giannini V.**, Silvestri N., Bonari E. Paludiculture in a drained Mediterranean peatland: Energy yields from anaerobic digestion of Common Reed (*Phragmites australis* L.).

Wetlands in agricultural landscapes conference. České Budějovice, Czech Republic, 11-16 October 2015 (oral presentation)

- Bertacchi A., Lombardi T., **Giannini V.**, Silvestri N., Bonari E. A case of ecological renaturation of in a drained mediterranean peatland: the case study of the Massaciuccoli Lake basin (Tuscany, IT). 110° Congresso Società Botanica Italiana. Pavia, Italia, 14-18 September 2015 (poster)

- Silvestri N., **Giannini V.**, Dragoni F., Bonari E. La paludicoltura: una soluzione integrata per la gestione delle aree torbose di bonifica. XLIV Convegno Nazionale SIA. Bologna, Italia, 14-16 September 2015 (poster)

- **Giannini V.**, Silvestri N., Sabbatini T., Pistocchi C., Bonari E.

Growth and nutrients uptake of perennial crops and spontaneous vegetation in a mediterranean drained peatland: preliminary results. IX EUROPEAN WETLAND CONGRESS, 6° European Pond Conservation Network: Wetlands Biodiversity and Services: Tools for Socio-Ecological Development. Huesca, Spain, 14-18 September 2014 (oral presentation)

- Silvestri N., **Giannini V.**, Pistocchi C., Bocci G., Sabbatini T., Bonari E.

Effects of perennial crops cultivation on weed communities in a Mediterranean peatland. IX EUROPEAN WETLAND CONGRESS, 6° European Pond Conservation Network: Wetlands Biodiversity and Services: Tools for Socio-Ecological Development. Huesca, Spain, 14-18 September 2014 (poster)

- Rossetto R., Barbagli A., Bosco S., Carloni I., Ciccolini V., **Giannini V.**, Pellegrino E., Pistocchi C., Sabbatini T., Silvestri N., Baiocchi A., Di Fonzo A., Giannecchini L., Bonari E. (2014). Large scale phyto-treatment for ecosystem restoration: The San Niccolò Experiment. Flowpath- National Meeting of Hydrogeology. Viterbo, Italy, 18-20 June 2014

- Pistocchi C., Bosco S., Ciccolini V., **Giannini V.**, Pellegrino E., Rossetto R., Sabbatini T., Silvestri N., Giannecchini L., Baiocchi A., Di Fonzo A., Bonari E. Restoration of a Mediterranean drained peatland: the case study of the Massaciuccoli Lake Basin (Tuscany, Italy). Wetland Systems: Ecology, Functioning and Management, pp: 145-146. Padova, 1-4 September 2013 (poster- **BEST POSTER AWARD**)

-Ciccolini V., **Giannini V.**, Bosco S., Pellegrino E., Pistocchi C., Rossetto R., Sabbatini T., Silvestri N., Bonari E. Restoration of a Mediterranean drained peatland: the case study of the Massaciuccoli Lake Basin (Tuscany, Italy). AWARE: Approaches in Wetland Restoration. Warsaw, 21-25 April 2013.

Languages

Italian	Mother tongue		
English	Speaking: C1	Writing: C1	Listening: C1
German	Speaking: A2	Writing: A2	Listening: A2

Other competences

- Confident communicator: ability to write for different kinds of audience. Strong attitude to scientific papers/projects writing as well as to public speaking
- Very good time manager: working hours planned on the basis of the priorities and agreements within the working group
- Geobotanical surveys and weeds identification

Awards

2013 - 'Messerini Award' for the Best Master thesis of the year on agricultural topics in the Department of Agriculture, Food and Environment - University of Pisa

Awards Ceremony on 23rd January 2014 at Department of Agriculture, Food and Environment - University of Pisa

2013 - Best Poster Award at 'SWS Conference: Chapter Europe' at Padua, IT

Award given during the Congress of SWS (Padua, 1-4 Sept. 2013)

2014 - EXPO award 'Call for innovative ideas in agriculture'. Project presented:

AVIaToR: Autonomous Vehicles in Agriculture.

Awards Ceremony on 24 October 2014

2015 - 'Training award' assigned from Italian Society of Agronomy

Award given during the Congress of Italian Society of Agronomy (Bologna, 14/16 Sept 2015)

2016 - Best Poster Award at 'SWS Conference: Chapter Europe' at Potsdam, DE

Award given during the Congress of SWS (Potsdam, 17/20 May 2016)

2017 - 'Galileo Galilei Award' for Young Researchers assigned from Rotary Club Italy

Awards Ceremony on 7 October 2017

2017 - Travel Scholarship to take part to RRR2017 released by Greifswald Mire Centre

Legnaro, 6th October 2025