

ROBERTO MARCEDDU



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PhD Student (XXXVII ciclo) at the University of Palermo

Academics

Oct 2022 - Mar 2023 **Internship at the University of Florida** Gainesville, FL
Visiting Student Researcher, sponsored by the US Fulbright Program

- Research activity on “Sustainable hop cultivation (*H. lupulus* L.) for the expansion of Mediterranean agro-biodiversity”.

Nov 2021 - present **Università degli Studi di Palermo** Palermo, IT
PhD Scholarship – Funded by Ministero l’Università e della Ricerca.

Jun 2021 - Oct 2021 **Università degli Studi di Palermo** Palermo, IT
Post-lauream research grant – within the PSR Project (2014-2020) "COSA - Conservation and characterization of Sicilian Accessions of Herbaceous Species" at the University of Palermo.

2018 - 2020 **University of Palermo** Palermo, IT
Degree in Agricultural Sciences (LM-69): Production Sciences and Agricultural Technologies

- University internship at MAEM s.r.l. "BALLARAK", Palermo brewpub. Highly formative and immersive activity within the "Brewing Science".
- Participation to the first two joint meetings within the project "Design Thinking as a tool for practical support of business and science development based on international academic partnership" funded by the Polish National Agency for Academic Exchange NAWA.
- Participation to the ERASMUS+ programme "Sustainable Management of Cultural Landscape (SUMCULA)" held at the University of Pécs, Hungary.

2015 - 2018 **Università degli Studi di Palermo** Palermo, IT
**Bachelor’s Degree in Agricultural Sciences and Technologies:
Agronomy and Herbaceous Crops**

- University internship at the Food Certification and Consulting Service, service related to the Experimental Zooprophyllactic Institute of Sicily.

Work and professional experience

2020-present **Agronomist consultant** Palermo, IT

2020-2021 **Gitto Garden srl** Palermo, IT
Green Designer

- Design and development of parks, gardens and public and private green areas.
- Development and implementation of measures for the recovery and protection of urban greenery and private clients.

- Creation of multimedia presentations, technical reports and graphical renderings (Revit, Autocad and Schetchkup).

Technical skills and competences

Since September 2016, active homebrewer and founding member of the Sicilian Association “*Trinacria Homebrewers*”.

Excellent knowledge of Office, CAD 3D rendering softwares (Atlantis, Revit, Sketchup).

Linguistic capacity

Mother tongue:

Italian

Others:

French

English

DELTA B2 Certificate (2018)

TOEIC B2 Certificate (2021)

Scientific publications:

MARCEDDU, Roberto; CARRUBBA, Alessandra; SARNO, Mauro. Cultivation trials of hop (*Humulus lupulus* L.) in semi-arid environments. *Heliyon*, 2020, 6.10: e05114. (DOI: <https://doi.org/10.1016/j.heliyon.2020.e05114>).

MARCEDDU, Roberto, DINOLFO, Lucia, CARRUBBA, Alessandra, SARNO, Mauro, DI MICELI, Giuseppe. (2022). Milk Thistle (*Silybum Marianum* L.) as a Novel Multipurpose Crop for Agriculture in Marginal Environments: A Review. *Agronomy*, 12(3), 729. (DOI: <https://doi.org/10.3390/agronomy12030729>).

MARCEDDU, Roberto; CARRUBBA, Alessandra; SARNO, Mauro. Resilience of hop (*Humulus lupulus* L.) to salinity, heat and drought stresses: A mini-review. *Frontiers in Plant Science*, 2022, 13: 4941. (DOI: <https://doi.org/10.3389/fpls.2022.1064922>).

CARRUBBA, Alessandra; MARCEDDU, Roberto; SARNO, Mauro. Hop (*Humulus lupulus* L.): Suitability of Traditional Cultivars to a Low-Trellis Farming System in a Semiarid Environment. *HortScience*, 2022, 57.11: 1409-1415. (DOI: <https://doi.org/10.21273/HORTSCI16754-22>).

DI MICELI, Giuseppe; LICATA, Mario; MARCEDDU, Roberto. Biomass Production of Forage Crop Mixtures and Assessment of Silage Quality from a Grass and a Legume in a Semi-Arid Mediterranean Environment. *Agronomy Journal*, IN PRESS (2023).

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In Fede
Roberto Marceddu