



Curriculum Vitae

Family name: Girolamo
Given name: Vaccaro
Date of birth: 04/12/1992
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Qualifications

2021: Qualification to practice as Agronomist and Forestry Doctor, Università degli Studi di Palermo.
2020-2021: Master degree in Forestry and Agro-environmental Sciences and Technologies (Curriculum Protection and Enhancement of the Rural Territory), Università degli Studi di Palermo.
2016-2019: Bachelor degree in Agroengineering, Università degli Studi di Palermo.

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Location Department of Agricultural, Food, and Forest Sciences (SAAF), Viale delle Scienze, Building 4, Entrance I, PhD Room Idrraulica

Studies abroad

Research interests Precise sustainable irrigation, Soil plant atmosphere monitoring

Expertise Data processing of soil plant atmosphere monitoring sensors. Qualitative and quantitative analysis of mandarin fruits. Estimation of soil hydraulic properties by Beerkan Estimation of Soil Transfer parameter (BEST) technique. Soil hydraulic characterization following a simulated rainfall event (Kamphorst rainfall simulator).

Language skills English: B2 level of listening, reading, and speaking.

IT skills Microsoft Office software, AutoCAD and QGIS.

Awards and scholarships 2022: Post-graduate scholarship – “Hydraulic characterization of cultivation substrates”.

Publications Agosta, M., Bagarello, V., Caltabellotta, G., Carollo, F. G., Vaccaro, G., & Pampalone, V. (2022, November). Theoretical prediction of rainfall intensity for a small rainfall simulator. In 2022 IEEE Workshop on Metrology for Agriculture and Forestry (MetroAgriFor) (pp. 329-333). IEEE, doi: 10.1109/MetroAgriFor55389.2022.9965068.

Link to publications (IRIS data-base) <https://iris.unipa.it/cris/rp/rp97555>