

# University Academic Curriculum Vitae

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Personal information	Name: <b>Nicola Giuliani</b>
Education since leaving school	<ul style="list-style-type: none"><li>• BSc in Tecnologie agrarie (Agricultural technologies) Alma Mater Studiorum – Università di Bologna, 24.07.2020 (110/110 cum laude)</li><li>• MSc International Master in Horticultural Science (IMaHS) Alma Mater Studiorum – Università di Bologna, 20.07.2022 (110/110 cum laude)</li></ul>
Present appointment	<ul style="list-style-type: none"><li>• PhD student in Mountain Environment and Agriculture Free University of Bozen-Bolzano, Faculty of Agricultural, Environmental and Food Sciences since November 2022</li></ul>
Professional experience	/
Participation in exhibitions (where applicable)	/
Experience in academic teaching	<ul style="list-style-type: none"><li>• Teaching assistant Agricultural Ecology and Principles of Plant Production (a.y. 2022/2023 and 2023/2024), BSc Arboricoltura generale (a.y. 2022/2023 and 2023/2024), BSc</li></ul>
Other academic responsibilities	/
Memberships	/
Research and scholarships	/
Publications	<ul style="list-style-type: none"><li>• Books – Authored /</li><li>• Books – Edited /</li><li>• Chapters in books /</li><li>• Conference papers D. Zanotelli, A. Ben Abdelkader, M. Thalheimer, A. Brignach, <i>N. Giuliani</i>, D. Asensio, C. Andreotti, M. Tagliavini. <b>Drivers of apple tree transpiration rates assessed by sap flow sensors</b>. Acta Hortic. 1373. ISHS 2023. <a href="https://doi.org/10.17660/ActaHortic.2023.1373.4">https://doi.org/10.17660/ActaHortic.2023.1373.4</a> D. Zanotelli, D. Asensio, <i>N. Giuliani</i>, C. Chini, E. Tomelleri, M. Tagliavini. <b>Radial pattern of sap flux velocity in apple trees and grapevines and its consequences for the whole tree transpiration assessment</b>. European Horticulture Congress 2024 (Acta Hortic., ISHS, in print).</li></ul>

- Journal articles in refereed academic journals
  - \* *N. Giuliani, A. Aguzzoni, D. Penna, M. Tagliavini. **Estimating uptake and internal transport dynamics of irrigation water in apple trees using deuterium-enriched water.** Agricultural Water Management 289 (2023). <https://doi.org/10.1016/j.agwat.2023.108532>*
  - S. Brighenti, M. Tagliavini, F. Comiti, A. Aguzzoni, N. Giuliani, A. Ben Abdelkader, D. Penna, D. Zanotelli. **Drip irrigation frequency leads to plasticity in root water uptake by apple trees.** Agricultural Water Management 298 (2024). <https://doi.org/10.1016/j.agwat.2024.108870>*
- Journal articles in professional journals
  - /
- Official reports (whole or part)
  - S. Dzikiti, J.C. Pienaar, A. Sidzumo, N. Giuliani, E. Crouch, P. Dangare, S.J.E. Midgley. **Annual progress and capacity building report for 2023-2024: Water use of high performing pear orchards.** Deliverable 4 submitted to the Water Research Commission & Hortgro – Project WRC 2022-2023 – 00985 on 15 March 2024.*
- Conference abstracts
  - N. Giuliani, A. Aguzzoni, F. Comiti, D. Penna, M. Tagliavini. **Estimating uptake and internal transport dynamics of irrigation water in apple trees using deuterium-enriched water.** EGU General Assembly 2023, Vienna, Austria, 24-28 Apr 2023, EGU23-6740. <https://doi.org/10.5194/egusphere-egu23-6740>*
  - N. Giuliani, A. Aguzzoni, F. Comiti, D. Penna, M. Tagliavini. **Dinamiche di assorbimento e trasporto idrico in alberi di melo tramite l'impiego di acqua marcata.** XIV Giornate Scientifiche SOI, Torino, 21-22 giugno 2023. Acta Italus Hortus n. 28 (in print).*
- Other publications
  - /
- Exhibitions
  - /

**Publications about the applicant**

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**Further data**

Presentations at scientific conferences over past 3 years (invited or selected, keynote, nature and status of conference)

*N. Giuliani, A. Aguzzoni, F. Comiti, D. Penna, M. Tagliavini. **Estimating uptake and internal transport dynamics of irrigation water in apple trees using deuterium-enriched water.** EGU General Assembly 2023 (poster presentation, international conference).*

*N. Giuliani, A. Aguzzoni, F. Comiti, D. Penna, M. Tagliavini. **Dinamiche di assorbimento e trasporto idrico in alberi di melo tramite l'impiego di acqua marcata.** XIV Giornate Scientifiche SOI 2023 (oral presentation, national conference).*

Awards

**Premio Società Italiana di Ortoflorofrutticoltura (SOI)-Pàtron 2024.** Young researchers award from the Italian Society of Horticulture for the publication: *N. Giuliani, A. Aguzzoni, D. Penna, M. Tagliavini. Estimating uptake and internal transport dynamics of irrigation water in apple trees using deuterium-enriched water. Agricultural Water Management 289 (2023). <https://doi.org/10.1016/j.agwat.2023.108532>*

**Entrepreneurship**

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**Language  
competence**

Written and spoken competence in all languages according to CERF levels, Common European Reference Framework ([http://www.coe.int/t/dg4/linguistic/cadre1\\_en.asp](http://www.coe.int/t/dg4/linguistic/cadre1_en.asp)); append certificates wherever available

**Italian** – native speaker

**German** – C1 (ÖSD Zertifikat C1, certificate of bilingualism A)

**English** – C1 (MSc and PhD taught exclusively in English, 5 months period abroad in South Africa within the PhD)

Date

Signature