Curriculum vitae

PERSONAL INFORMATION	Vincenzo Giannico

WORK EXPERIENCE

3 Nov 2014–Present	PhD in "Biodiversity, Agriculture and environment"
	Department of Agricultural and Environmental Science, University of Bari, Bari (Italy)

1 Apr 2014–1 Nov 2014	Research assistant
	Department of Agricultural and Environmental Science, University of Bari, Bari (Italy)
	Research assistant for the project "Green Infrastructure and Urban Biodiversity for Sustainable UrbanDevelopment and the Green Economy (GREEN SURGE)"
	-Processing And analysis of LIDAR (Laser Scanner) data
	-Volume and biomass assessment of forest stands within the territory analyzed
	-Development of indicators for monitoring ecosystem services in the study area

1 Dec 2013–30 Apr 2014	Internship
	Planetek Italia s.r.l., Via Massaua, 12, 70132 Bari (Italy)
	-Processing Airborne Laser scanner (LiDAR) data
	-Processing Airborne optical remote sensed data
	-Development of prediction model to assess biophisical parameters

1 Jul 2010–31 Jan 2011	Internship
	Renewable Energy Network Office, Regional government Apulia
	C.so Sonnino, 177 - Lungomare Nazario 45/47, 70121 Bari (Italy)
	Analysis of renewable energy projects in Apulia region.

EDUCATION

1 Sep 2011–2013	MS in "Management and sustainable development of Mediterranean landscape" - Agricultural and Environmental Science	EQF level 7
	Department of Agricultural and Environmental Science- University of Bari, Bari (Italy)	
	Thesis : "Use of airborne LiDAR to assess forest metrics"	
	Mark: 110/110	

1 Jan 2008–30 Jun 2008	Visiting scholar
	Escuela Politécnica Superior de Gandia, Universidad Politécnica de Valencia
	C/ Paranimf, 1, 46730 Gandia (VALENCIA) (Spain)
	Courses followed:
	Restauració Hidrològica-Forestal
	Ecologia Silvicultura i Pasturicultura
	Biología

10 Sep 2004–2010	B.S. in Forestry and Environmental Sciences	EQF level 6
	University of Bari	
	Thesis: "Landscape and renewable energy, economic and environmental impacts"	
	Mark: 97/110	

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Spagnolo	C2	C1	C1	C1	C1
English	C1	C1	B2	B2	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills

Organisational / managerial skills Learning attitude

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital competences - Self-assessment grid

GIS/Remote Sensing skills:

Vector processing (mapping, editing, gereferencing, geoprocessing, etc.)

Raster processing (Classification models, surface analysis, interpolation models, etc.)

LiDAR processing (Classification, Digital models extraction, Height profile analysis, etc.)

GIS/Remote sensing software: ArgGIS, Erdas suite, Terrascan, ENVI, LAStools

Proramming languages: Python, Ruby. R statistics, Matlab

Other software: MS Office, AutoCAD, Microstation

Driving licence B

ADDITIONAL INFORMATION

Publications F Bottalico, L Pesola, M Vizzarri, L Antonello, A Barbatid,G Chirici, P Corona, S Cullotta, V Garfì, V Giannico, R Lafortezza, F Lombardi, M Marchetti, S Nocentini, F Riccioli, D Travaglini, L Sallustio. 2015. Modeling the influence of alternative forest management scenarios on wood production and carbon storage: a case study in the Mediterranean region. Environmental Research (In press).

Marziliano, P. A., Lafortezza, R., Medicamento, U., Lorusso, L., Giannico, V., Colangelo, G., & Sanesi, G. (2015). Estimating belowground biomass and root/shoot ratio of Phillyrea latifolia L. in the Mediterranean forest landscapes.*Annals of Forest Science*, 1-9.

Conferences Giannico V, Lafortezza R, Colangelo G, La Mantia C, Sanesi G, 2014. Assessing Forest Stand

Conditions in Urban Areas Using Multi-Source and Multi-Scale Data. Sentinel-2 for Science Workshop, 20-22 May 2014, ESA-ESRIN, Frascati (Rome), Italy. pp. 94.

Giannico, V., Lafortezza, R., Colangelo, G., & Sanesi, G. (2014, July). ASSESSING DENDROMETRIC PARAMETERS IN URBAN FOREST AREAS USING AIRBORNE LIDAR AND FIELD DATA. ForestSAT2014 Conference, 4-7 November 2014, Riva del Garda (TN), Italy

Giannico V.,Elia M., Sanesi G, Lafortezza R (2014). A practical tool to support ecosystem services assessment and management decisions in urban forest area. IALE World Congress, 5-10 July 2015, Portland (OR), USA.