



## Personal information

First name and surname **Alessandro Vitali**  
Birth place Fano (PU) - Italy  
Date of birth 09/02/1987

## Scientific activities

### Publications on indexed journals

November 2017 Effects of natural and anthropogenic drivers on land-cover change and treeline dynamics in the Apennines (Italy). *Journal of Vegetation Science* 2018; 1-11. doi: 10.1111/jvs.12598  
October 2017 Deconstructing human-shaped treelines: microsite topography and distance to seed source control Pinus nigra colonization of treeless areas in the Italian Apennines. *Forest Ecology and Management* 2017, 406: 37–45. doi: <https://doi.org/10.1016/j.foreco.2017.10.004>  
December 2016 Direct Measurement of Tree Height Provides Different Results on the Assessment of LiDAR Accuracy. *Forests* 2017, 8, 7. doi:10.3390/f8010007

### Contribution on other publications

June 2017 Il limite superiore del bosco negli Appennini: dinamismi recenti negli ecotoni con Pinus spp. *Sherwood. Foreste ed alberi oggi*.  
February 2017 Lavorare in bosco nelle Marche. Indirizzi di selvicoltura e cantieristica forestale".  
December 2014 ForestPas 2000. Foreste e pascoli della Rete Natura 2000.  
November 2014 Technical Report: Forest Logistic Planning Strategies - Good practices for the Alpine forests.

### Contribution on oral presentations

10-13 October 2017 Effects of natural and anthropogenic drivers on land-cover change and treeline dynamics in the Apennines (Italy). *Roma 11° Congresso Nazionale SISEF*. La Foresta Che Cambia. Ricerca, qualità della vita e opportunità in un paese in transizione.  
10-13 October 2017 Upper treeline ecotones in central Apennines: ten years of research on Pinus nigra spatio-temporal dynamics. *Roma 11° Congresso Nazionale SISEF*. La Foresta Che Cambia. Ricerca, qualità della vita e opportunità in un paese in transizione.  
10-13 October 2017 Land use change in the Apennine mountain range (Italy): a landscape scale analysis. *Roma 11° Congresso Nazionale SISEF*. La Foresta Che Cambia. Ricerca, qualità della vita e opportunità in un paese in transizione.  
9-11 April 2015 Legacies of past coppicing on the structure and vegetation diversity of beech forests in central Apennines, Italy. Brno, Czech Republic, Conference "Coppice forests: past, present and future".  
9-11 April 2015 Beech forests in Central Apennines: adaptive management for structure and functions in transition. Brno, Czech Republic, Conference "Coppice forests: past, present and future".  
24 – 26 September 2015 A multi-scale approach to classify treeline ecotones in the Apennines (Italy). *Ancona 49° Congresso SISV*: La scienza della vegetazione per la biodiversità e lo sviluppo sostenibile.  
15-18 September 2015 A multi-scale approach to classify treeline ecotones in the Apennines (Italy). *Firenze 10° Congresso Nazionale SISEF*: Sostenere il pianeta, boschi per la vita. Ricerca e innovazione per la tutela e la valorizzazione delle risorse forestali.

## Education and training

22 March 2018 **PhD research degree** in Agricultural, Food and Environmental Sciences - Università Politecnica delle Marche. Thesis: "Spatio-temporal dynamics at treeline ecotones". Supervisors: Prof. C. Urbinati, Prof. M. Garbarino.

25-29 September 2017	International Summer School: Dendroecology, Quantitative Wood Anatomy and Stable Isotopes. From xylogenesis to tree rings - Portici (Italy).
15-19 February 2016	<b>Corso di Statistica con R: analisi esplorative dei dati, modelli lineari, GLM e GAM applicati a dati biologici</b> - Asti (Italy).
24-28 August 2015	Summer School of the NFZ Forest network "Climate change impacts on forest ecosystems: Disciplinary, inter-disciplinary and transdisciplinary challenges across spatial scales (FORSCALE)" - Vallais (Switzerland).
26-30 January 2015	Workshop "Esplorando la complessità - Statistic methods for monitoring and analysis of environment: sampling design, multi-variate analysis, general lined models, geostatistic and time series analysis" at Agriculture Research Unit (CRA-SEL) - Arezzo (Italy).
6-8 November 2014	<b>Training activity "Basic R software"</b> through the agency of teacher from Napoli Institute of Genetics and Biophysics - Ancona (Italy).
21-26 July 2014	NewFOR Summer School organized by Alpine Space project NEWFOR – Asiago (Italy)
7-8 April 2014	Specialist training course: Formafor – D.R.E.Am. Italia "LiDAR nelle attività di monitoraggio, pianificazione e gestione delle risorse forestali" – Bologna (Italy).
11 February 2013	<b>Master degree</b> in Forest and Environmental Sciences University of Padova. Thesis: "Assessing forest structure using LiDAR data: the Asiago plateau case study". Supervisor: Prof. E. Lingua.
26 August – 8 September 2012	International Summer School "Integrated Rural Road Network Re-engineering - IRRNR". Lifelong Learning Programme – Jezersko (Slovenia).
9-12 January 2012	Cable Crane Course at the Federal Research and Training Centre for Forests, Natural Hazards and Landscape BFW-FAST – Ossiach (Austria).
23 February 2011	<b>Bachelor degree</b> in Forest and Environmental Sciences Polytechnic University of Marche.

### Work experience

July 2018 – June 2019	Research grant at the Dept. of Agricultural, Food and Environmental Sciences of UNIVPM.
September 2014 – October 2014	Collaboration with Dept. of Agricultural, Food and Environmental Sciences of UNIVPM.
May 2013 – August 2014	Collaboration on the Alpine Space project "NEWFOR – <i>NEW technologies for a better mountain FORerst timber mobilization</i> " ERSAF - Ente Regionale per i Servizi all'Agricoltura e alle Foreste - Regione Lombardia.
September 2009 - May 2011	External consultant in the environmental education laboratory (CEA Casa Archilei – Fano - PU).

### Personal skills and competences

Languages	Italian: mother tongue. English: good working knowledge.
Social skills and competences	Qualification as Nature Guide (languages: Italian and English)
Computer skills and competences	Good knowledge of GIS software (ArcGIS Desktop™, QuantumGIS™) Good knowledge of R statistical software
Driving licence	Category B

***In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document and to publish them on official websites.***

Ancona, 23/07/2018