

FRANCESCO CHIANUCCI

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Blog: <https://canopy-photography.com/>

SUMMARY OF RESEARCH INTERESTS

PhD in Forest Ecology. Currently working as Senior Researcher at CREA – Research Centre for Forestry and Wood, Arezzo, Italy. Main research topics:

- Using proximal and remotely sensed tools to support forest monitoring and management.
- Evaluating the relationship between forest management, tree structure and functioning, and multi-taxon biodiversity
- Studying the proximal and ultimate mechanisms of mast seeding in tree forest species in a changing climate

RESEARCH EXPERIENCE AND EDUCATION

2020 – **Senior Researcher** at Research Centre for Forestry and Wood, Arezzo, Italy

2019 – **Researcher** at Research Centre for Forestry and Wood, Arezzo, Italy

2017 – **Technologist** at Research Centre for Agriculture and Environment, Roma, Italy

2015 **Professional Master in Geomatics**, University of Siena, Italy

2010 – 2013 **PHD Forest Ecology**, University of Tuscia, Viterbo, Italy

2006-2009 **MS degree in Forestry and Environment (110/110 cum laude)**

PUBLICATIONS

- In total, more than 100 peer-reviewed ISI papers published, of which about one-third as first and/or corresponding author. Full list and links to papers available at: <http://orcid.org/0000-0002-5688-2060>
- Scopus author profile: [46461076000](https://scopus.org/authid/detail.url?authorid=46461076000): 4,468 citations, 30 h-index (accessed 18-09-26)

INTERNATIONAL COLLABORATIONS

- Management Committee (MC) **COST ACTION CA18207** “*Biodiversity Of Temperate forest Taxa Orienting Management Sustainability by Unifying Perspectives*” (BOTTOMS-UP) – main activity: harmonizing and standardizing multi-taxon data to create EU-level dataset on forest ecosystem diversity
- Management Committee (MC) **COST ACTION CA15226** “*CLimate Smart Forestry in MOUNTain Regions*” (CLIMO) – main activity: defining climate smart criteria and indicators linked with sustainable forest management in mountain forests
- **IUFRO** Deputy Coordinator Division 8.02.01 – Key factors and ecological functions for forest biodiversity
- **ICP Forest** Expert panel group on Meteorology, Phenology and Leaf Area Index

AWARDS

- World top-cited (2%) scientist in sub-field Forestry (field Agriculture, Fisheries & Forestry) from 2019 (<https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw>), both as single-year author (2019 - *current*) and as career-long (2023 - *current*).

SUPERVISION & TEACHING

- Gave several lessons at University of Ancona, Tuscia (Viterbo), Firenze, Sapienza (Rome), Italy, and Durham, UK, on ground-based methods to estimate forest canopy properties
- Gave seminar on radiative transfer modelling at Finnish-Estonian Remote Sensing Seminar at Tartu Observatory, Estonia, 8 May 2014
- Gave seminars on game management for Inter-departmental Master in Conservation and management of wildlife resources, University of Parma, Firenze, Insubria and Sassary, Italy

FUNDING SECURED

- Secured annual scholarship funded by Entecari, Firenze, 2009-2010
- Assisted in creating successful LIFE+ projects (e.g. LIFE14 ENV/IT/000514 [FutureForCoppices](#), [LIFE21-CCM-IT-LIFE-ClimatePositive/101074589](#))

- Secured national and sub-national project on using precision tools to support poplar plantations forestry PRECISIONPOP (<https://precisionpop.net>), SPACING (Supporto alla Pianificazione Agroambientale per il Carbon Farming)

TRAINING AND DEVELOPMENT

- Local organizer and trainer of Training School (COST Action CA18207 Bottoms-Up) “*Assessing Multi-Taxon Diversity in Forest Ecosystems*”, 28-30 September 2021, Arezzo
- Short term Scientific Mission (COST Action FP1204 GreenInUrbs) at Tartu Observatory, Estonia, April-May, 2014 –*Improving methods for modelling leaf area index in isolated urban trees* host professor Tiit Nilson
- Attended Training school (COST Action FP1206 EuMIXFOR) in *Studying mixed-forest dynamics and functioning: experimental and monitoring approaches*, Centro Tecnológico Forestal De Cataluña (CTFC), Solsona, Spain, Oct 2013
- Attended professional course in *remotely sensed applications in geosciences*, University of Siena, 2012
- Attended courses in Communication and Presentation skills for conferences, writing project proposals, writing scientific papers
- Visiting student at University of Durham, UK, under the supervision of Prof. Philip Stephens

AFFILIATIONS

- National Academic Qualification as Associate Profess 2016-2018, Sector 07/B2 SCIENZE E TECNOLOGIE DEI SISTEMI ARBOREI E FORESTALI – period 06/11/2018 al 06/11/2029
- Management Committee (MC) Cost Action CA18207 Biodiversity Of Temperate forest Taxa Orienting Management Sustainability by Unifying Perspectives
- MC Cost Action CA15226 Climate-Smart Forestry in Mountain Regions
- Scientific evaluator for ANVUR – National Agency for Valuation of the Quality of University and Research
- Certified forester and agronomist (2009 - *current*)
- SISEF – Italian Society of Silviculture and Forest Ecology member
- Referee for about 50 International Scientific Journals, 200+ referrals

I authorize the treatment of my personal data according to the Italian D. Lgs 196/03.