

---

## ALMA PIERMATTEI, PHD

*Last name* Piermattei  
*First name* Alma  
*Date of birth* December 6<sup>th</sup>, 1984 Ancona (Italy)  
*Home Address* Carlton Way 15, CB4 2BY, Cambridge (UK)  
*Mobile phone* +44 790 8381882  
*E-mail* alma.piermattei@geog.cam.ac.uk  
almapierrattei@gmail.com  
*Nationality* Italian



Alma Piermattei has a B.Sc. (2007) in Forestry and Environmental Sciences, a M.S. (2010) in Technical and Agricultural Sciences, and a Ph.D. (2015) in Forest Ecology and Management from the Marche Polytechnic University (Italy). She was visiting scholar at Coimbra University (Portugal), at the Laboratory of Tree-Ring Research (Tucson – AZ), and at the Swiss Federal Research Institute (Switzerland). She held postdoctoral fellowships at the Marche Polytechnic University and at the Swiss Federal Research Institute.

Since May 2017 she is a Technical Laboratory Research Assistant at the Department of Geography, University of Cambridge working in the field of Dendrochronology (tree rings) and Tephrochronology (volcanic ash). She is fascinated by understanding past environmental and climate changes using proxy records such as tree rings and tephra layers. In particular, she is involved in different projects exploring environmental, climatic, and genetic effects on plant growth, and in identifying volcanic ash in sediment cores, peat bog and ice cores and in archeological caves from eastern Africa, UK, Europe, and Antarctica.

### Teaching and Supervision

- ▶ Supervisor undergraduates Part IA on Environmental Change during the Quaternary (2021) - Department of Geography, University of Cambridge;
- ▶ Lab supervisor of undergraduate thesis in Dendrochronology and Tephrochronology (2017 to present) - Department of Geography, University of Cambridge;
- ▶ Dissertation supervisor of MPhil Holocene and Climate (2020-2021) - Department of Geography, University of Cambridge;
- ▶ Contributed to Teaching, MPhil Holocene Climates (academic years: 2020-2021 & 2021-2022)
- ▶ Supervisor MPhil thesis in Dendrochronology (academic year: 2020-2021)
- ▶ Demonstrator in Part IB - Quantitative Data Analysis Skills (2021), in MPhil Holocene and Climate (2020-2021), in Part IB (Fieldtrip 2019), in Part IA - Geographical Skills and Methods: Statistical Methods (2018-2019).

- 
- ▶ Supervisor of bachelor and master thesis at Marche Polytechnic University (IT) and University of Padua (IT) (2015-2017)

### Publication list, Peer reviewer and Conference talks

- ▶ **ORCID iD:** <https://orcid.org/0000-0002-7704-8382>
- ▶ From 2010 to present: **30 publications** in peer reviews Journal which 10 as first author.  
Google Scholar profile as of January 22<sup>nd</sup>, 2022  
<https://scholar.google.com/citations?user=bWK9JJoAAAAJ>
- Citations           475
- H index             14
- i10-index           17
- ▶ Peer Review Summary: <https://publons.com/a/1372889>
- ▶ Talks or poster (year base) at TRACE-Tree Rings in Archeology, Climatology and Ecology conference and/or at EuroDendro Conference

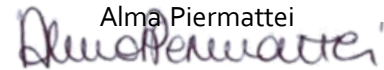
### External activities

- ▶ June 2021 to present: Research Convenor at the Hughes Hall - University of Cambridge
- ▶ October 2020 to June 2021: *Impact Leadership Program* at the Hughes Hall
- ▶ January 2019 to present: Research Associate at the Hughes Hall
- ▶ 2021: Sutton Trust workshop on Dendrochronology
- ▶ 2021-present: Decarbonizing Geography Team - Department of Geography
- ▶ 2021-present: Green Impact Team - Department of Geography
- ▶ 2020 to present: "My Green Lab Ambassador Program"
- ▶ 2020 (12 hours): iLab Initiative performed at the North Cambridge Academy, Cambridge
- ▶ 2019-present (year base): Co-organizer of the European Dendroecological Fieldweek.
- ▶ 2017-present (year base): Outreach event at the Department of Geography for the Open days.
- ▶ EuroDendro conference 2020: Organization of the event, venue Robinson College (cancelled due to covid pandemic).
- ▶ 2018 to 2020: Outreach event at the Department of Geography for the Cambridge Science Festival.
- ▶ 2010 to present: Participating at numerous fieldwork and summer schools on dendrochronology, wood anatomy, and data acquisition and data analysis.
- ▶ 2017: First AID Course – Department of Geography, University of Cambridge
- ▶ Member of ATR - Association for Tree-ring Research.
- ▶ Member of the election committee ATR board (2022)

---

## Skills

- ▶ Laboratory work in dendrochronology, wood anatomy and tephrochronology, and extensive field work experience in remote areas.
- ▶ Excellent knowledge of Dendrochronology programs, Digital Images processes, and statistic software: R and RStudio, and good knowledge on GIS, CAD Software, Illustrator and Adobe Photoshop.
- ▶ Driving License B; athletics (agonistic level until 2012), aerialist (since June 2019), piano player

Alma Piermattei  


### Referees:

Prof. Christine S Lane  
Department of Geography, University of Cambridge  
christine.lane@geog.cam.ac.uk

Prof. Ulf Büntgen  
Department of Geography, University of Cambridge  
ulf.buentgen@geog.cam.ac.uk