



## ALAN CRIVELLARO PLANT ECOLOGIST, GIFTED COMMUNICATOR

University of Cambridge **Postdoctoral Research Associate**  
University of Suceava **Research Associate**

SEPTEMBER 2021  
Nationality: Italian  
[www.alancrivellaro.com](http://www.alancrivellaro.com)

### Twenty years of consistent career progression in wood science research and teaching

My work as wood anatomists and plant ecologist aimed at linking information from the scale of a plant cell to the globe. I am currently Postdoctoral Research Associate at the Department of Geography University of Cambridge and I collaborate with various universities and research institutions in the country and beyond. Meanwhile, I have been developing my teaching expertise and skills by teaching and supervising mostly at the University, but also to secondary school students and professionals.

<b>EDUCATION</b>	University of Padova PhD in Plant Ecology MSc in Forestry and Environmental Sciences BSc in Wood Science and Industry	Padova, IT April 2012 April 2008 April 2002
------------------	--	--

<b>RESEARCH EXPERIENCE</b>	2020-present. <b>Postdoctoral Research Associate</b> . Department of Geography, University of Cambridge (UK). 2020-present. <b>Visiting Scholar</b> . Forest Biometrics Laboratory, Faculty of Forestry, "Stefan cel Mare" University of Suceava (RO) 2019-2020. <b>Visiting Scholar</b> . Department of Geography, University of Cambridge (UK). 2019-2020. <b>Visiting professor</b> . Institute of Forestry and Rural Engineering, Estonian University of Life Sciences (EE). 2015-2018. <b>Assistant professor</b> . Department TESAF, University of Padova (IT). 2015-2016. <b>Visiting professor</b> . Department CReAAH - Laboratoire Centre de Recherche en Archéologie, Archéosciences, Histoire, University of Maine (FR). 2012-2015. <b>Scientific Research Assistant</b> . Department TESAF, University of Padova (IT). 2003-2007. <b>Scientific Research Assistant</b> . Trees and Timber Institute CNR-IVALSA, Sesto Fiorentino – Firenze (IT).
----------------------------	--

<b>OUTREACH</b>	2021. <b>Effective scientific presentations workshop</b> : to help scientists presenting their results 2020. <b>Cambridge Science Festival</b> : Wood identification to combat illegal logging. 2019. <b>Cambridge Science Festival</b> : A lash journey into the anatomy of wood. 2018. <b>Ecological and Socio-Economic Challenges and Opportunities of Climate Change in Rural Southern Europe</b> : a workshop with truffle producers. Zaragoza and Soria (ES).
-----------------	--

<b>SKILLS</b>	Task management, Goal Oriented, Multitasking, Creative thinking, Teaching, Storytelling, Storytelling with data, Effective presentations, Public speaking, Active listening, Team building
---------------	--

<b>SCIENTIFIC PUBLICATIONS</b>	My track record of publications includes 35 peer-reviewed scientific papers (6 cited over 100 times) in high-impact journals, 9 books and many popular science pieces.
--------------------------------	--

<b>SELECTED PUBLICATIONS</b>	<ul style="list-style-type: none"><li>Roibu, C. C., Ważny, T., Crivellaro, A., Mursa, A., Chiriloaei, F., Ştirbu, M. I., &amp; Popa, I. (2021). The Suceava oak chronology: A new 804 years long tree-ring chronology bridging the gap between central and south Europe. <i>Dendrochronologia</i>, 125856.</li><li>Sander, L., Kirdyanov, A., Crivellaro, A., &amp; Büntgen, U. (2021). Driftwood provides reliable chronological markers in Arctic coastal deposits. <i>Geochronology</i>, 3(1), 171-180.</li></ul>
------------------------------	--

- Cencin, A., Zanetti, M., Urso, T., & Crivellaro, A. (2021). Effects of an innovative densification process on mechanical and physical properties of beech and Norway spruce veneers. *Journal of Wood Science*, 67(1), 1-14.
- Mozzi, G., Romero, E., Martínez-Quezada, D. M., Hultine, K. R., & Crivellaro, A. (2021). PEG infiltration: an alternative method to obtain thin sections of cacti tissues. *IAWA Journal*, 1(aop), 1-5.
- Zhirnova, D. F., Belokopytova, L. V., Babushkina, E. A., Crivellaro, A., & Vaganov, E. A. (2021). Earlywood structure of evergreen conifers near forest line is habitat driven but latewood depends on species and seasons. *Trees*, 35(2), 479-492.
- Piermattei, A., Crivellaro, A., Krusic, P. J., Esper, J., Vitek, P., Oppenheimer, C., ... & Büntgen, U. (2020). A millennium-long 'Blue Ring' chronology from the Spanish Pyrenees reveals severe ephemeral summer cooling after volcanic eruptions. *Environmental Research Letters*, 15(12), 124016.
- Crivellaro, A., & Ruffinatto, F. (2020). Il riconoscimento del legno per contrastare il commercio illegale: la situazione in Italia. *Forest@-Journal of Silviculture and Forest Ecology*, 17(1), 88.
- Crivellaro, A., & Büntgen, U. (2020). New evidence of thermally constrained plant cell wall lignification. *Trends in plant science*, 25(4), 322-324.