

PAOLO CHERUBINI'S
CURRICULUM VITAE

Senior Scientist

WSL Swiss Federal Institute for Forest, Snow and Landscape Research
CH-8903 Birmensdorf
Switzerland

Adjunct Professor

Department of Forest and Conservation Sciences
University of British Columbia
Vancouver BC
Canada

voice +41-44-739 2 278

e-mail: paolo.cherubini@wsl.ch

<https://www.wsl.ch/de/mitarbeitende/cherubin.html> <http://www.researcherid.com/rid/N-9702-2013> <https://orcid.org/0000-0002-9809-250X>

| | |
|--------------------|---|
| Birth | Pisa (Italy), 29 October 1964 |
| Dual Citizenship | Italian and Swiss |
| Languages | Italian, English, French, German, Spanish |
| Education | Maturità Classica, Liceo Classico "Galileo Galilei", Pisa (Italy), 1983 Degree in Forest Sciences, Università di Firenze (Italy), 1989 Ph.D. in Botany, Universität Basel (Switzerland), 1996 |
| Employment History | Post-Degree Fellow, Università di Firenze (Italy), 1989-1990 Post-Degree Fellow, Istituto Sperimentale per lo Studio e la Difesa del Suolo, Firenze (Italy), 1990-1992 Fellowship "Hörer in Fortbildung", ETH Zürich (Switzerland), 1992-1993 PhD student, Universität Basel (Switzerland), 1993-1996 |
| Institutional | Research Scientist (1996-2003), Senior Scientist (2003-present) WSL Swiss Federal Research Institute, Birmensdorf (Switzerland) |
| Responsibilities | Deputy Head of the Section <i>Forest ecosystems and ecological risks</i> (2004-2005), Head of the Research Group <i>Tree Physiology</i> (2006-2010), Deputy Head of the Research Unit <i>Dendrosciences</i> (2006-2009), Head (a.i.) of the Research Unit <i>Dendrosciences</i> (2010), Head of the Research Group <i>Dendroecology</i> (2011-2012), a.i. Head of the Research Group <i>Dendrosciences</i> (2017) |

| | |
|----------------------|---|
| | <p>Member of the Steering Committee Libraries Research Institutes ETH Domain (LIB4RI) (2016-present) Chairman of the Research Commission (FoKo) WSL (2016-2021)</p> |
| Appointments | <p>Adjunct Professor, Department of Forest and Conservation Sciences, University of British Columbia, Vancouver BC, Canada</p> <p>Adjunct Senior Research Scientist, Lamont-Doherty Earth Observatory, Columbia University, Palisades, New York, U.S.A., 2002-present</p> <p>Graduate Faculty Associate (2022-present), Adjunct Faculty (2009-2022), School of Natural Resources, University of Nebraska-Lincoln, Lincoln, Nebraska, U.S.A.</p> <p>Guest Professor, Institute of Earth Environment, Chinese Academy of Sciences (CAS), Xian, China, 2012-present</p> <p>Lecturer, Department of Geography, Universität Zürich, Zurich, Switzerland, 2006-present</p> |
| Supervision students | <p>Main supervisor of 3 PhD-students, co-supervisor of over 35 PhD, 50 Master students and 5 Post-Docs</p> |
| Teaching | <p>Lecturer at the Universität Zürich (2006-present): GEO818 Class "Dendro-Ecology", Master course GEO351.2 Class "Geochronologie I" Bachelor course GEO399/599 "Toskana Exkursion"</p> <p>Visiting Professor, Università degli Studi di Milano, Milano, Italy (2010, 2015) Guest Lecturer Albert-Ludwigs-Universität Freiburg, Freiburg i.B., Germany (2013, 2014, 2015) Visiting Professor, Università di Sassari, Sassari, Italy (2012) Member of Board, Doctorate School in Agriculture, Università degli Studi di Pisa (2015-2019)</p> <p>Over 200 lectures at graduate or undergraduate courses in many countries all over the world (e.g., Europe, Israel, Russia, China, Japan, Canada, U.S.A., Argentina).</p> |
| Memberships | |

| | |
|--------------------------|--|
| in Panels, Boards | Honorary Editor, Editor in Chief, <i>Dendrochronologia</i> , 2022-... Editor in Chief, <i>Dendrochronologia</i> , 2003-2022 Editor, <i>iForest</i> , 2004-present Member Editorial Board of <i>Journal of Vegetation Science</i> , 2007-present Member Editorial Review Board of <i>Tree Physiology</i> , 2014-2016, 2023-... Member Editorial Board of <i>Journal of Forest Planning</i> 2018-present Associate Editor, <i>Tree-Ring Research</i> , 2002-2011 Associate Editor, <i>Canadian Journal Forest Research</i> , 2011-2021 Member Editorial Board of <i>Geochronometria</i> , 2007-2018 Member Editorial Board of <i>Scientifica</i> , 2012-2012 Member Editorial Board of <i>Scientific Reports</i> , 2017-2017 Swiss national representative, International Long Term Ecological Research (ILTER) (1998-2002) |
| Scientific Organizations | British Ecological Society (BES) (1999-...), Tree-Ring Society (1997-...), Società Italiana di Selvicoltura ed Ecologia Forestale (SISEF) (1997-...), Asian Dendrochronological Association ADA (2015-...) |
| Organization of Meetings | Tree Rings and People (Davos, September 2001) (242 attendees from 43 countries) Several workshops, schools, seminars, conferences and sessions as main or co-organizer |
| Awards | "Premier's Award, Innovation 2005/06 Finalists" (Victoria, British Columbia, Canada). "2007 Peace Nobel Prize" recipient, as Invited Expert Reviewer, Intergovernmental Panel on Climate Change (IPCC) |
| Publications | totally 388; H-index = 53, 255 publications, sum of the times cited: 11,740 (according to Web of Science, March 25, 2026). |

Paolo Cherubini's PUBLICATIONS: totally 388; H-index = 53, 255 publications, sum of the times cited: 11,740 (according to Web of Science, March 25, 2026).

RESEARCH PAPERS IN PEER-REVIEWED JOURNALS OR BOOKS - ISI journals are bold

1992

1) CHERUBINI P., ARCARA P.G., (1992). Biochemical characteristics of the A1 horizon of Chromic Cambisol under three different forest stands (Poggio del Comune relief, Central Italy). In: A. Teller, P. Mathy & J.N.R. Jeffers (ed.), ***Responses of Forest Ecosystems to Environmental Changes***, Commission of the European Communities - European Science Foundation, Elsevier Science Publishers, London and New York, 999-1000

1993

2) CHERUBINI P., (1993). Studio dendroecologico su *Pinus pinea* L. in due differenti stazioni sulla costa mediterranea in Toscana (Italia), *Dendrochronologia*, 11, 87-99

1994

3) BERLI S., CHERUBINI P., SCHOCH W., (1994). Rekonstruktion von Bestandesfluktuationen, Bodenmächtigkeit und Feuergeschichte über 7000 Jahre BP mittels Holzkohle-Analysen, *Botanica Helvetica*, 104, 17-30

1996

4) COSTANTINI E.A.C., ARCARA P.G., CHERUBINI P., CAMPOSTRINI F., STORCHI P., PIERUCCI M., (1996). Soil and climate functional characters for grape ripening and wine quality of "Vino Nobile di Montepulciano". *Acta Horticulturae*, 427, 45-55.

5) CHERUBINI P., PIUSSI P., SCHWEINGRUBER F.H., (1996). Spatiotemporal growth dynamics and disturbances in a subalpine spruce forest in the Alps: a dendroecological reconstruction. *Canadian Journal of Forest Research*, 26, 6, 991-1001.

6) CHERUBINI P., SCHWEINGRUBER F.H., (1996). Scars as evidence of past forest cuts in a subalpine spruce forest in the Alps. In: J.S. Dean, D.M. Meko, T.W. Swetnam (eds.), *Tree Rings, Environment, and Humanity*, Department of Geosciences, The University of Arizona, Tucson, *Radiocarbon*, 371-378.

1997

7) STRUMIA G., CHERUBINI P., (1997). Il segnale climatico di due cronologie plurisecolari di larice (*Larix decidua* Mill.) delle Alpi italiane. *Dendrochronologia*, 15, 171-179.

8) CHERUBINI P., SCHWEINGRUBER F.H., FORSTER T., (1997). Morphology and ecological significance of intra-annual radial cracks in living conifers. *Trees structure and function*, 11, 216-222

1998

9) CHERUBINI P., DOBBERTIN M., INNES J.L., (1998). Potential sampling bias in long-term forest growth trends reconstructed from tree rings: A case study from the Italian Alps. *Forest Ecology and Management*, 109, 103-118.

1999

10) CHERUBINI P., DOBBERTIN M., INNES J.L., (1999). Erratum to "Potential sampling bias in long-term forest growth trends reconstructed from tree rings: A case study from the Italian Alps" [Foreco 109 (1998) 103-118]. *Forest Ecology and Management*, 114, 165-167.

11) RIGLING A., CHERUBINI P., (1999). Wieso sterben die Waldföhren im «Telwald» bei Visp? Eine Zusammenfassung bisheriger Studien und eine dendroökologische Untersuchung. *Schweizerische Zeitschrift für Forstwesen* 150, 4, 113-131.

12) CHERUBINI P., TOGNETTI R., (1999). Long-term elevated CO₂ concentrations: tree-ring growth of macchia species is not enhanced. *Journal of Experimental Botany*, 50, 37.

2000

13) TOGNETTI R., CHERUBINI P., INNES J.L., (2000). Comparative stem-growth rates of Mediterranean trees under background and naturally-enhanced ambient CO₂ concentrations. *New Phytologist*, 146, 1, 59-74

14) SAURER M., CHERUBINI P., SIEGWOLF R., (2000). Oxygen isotopes in tree rings of *Abies alba*: The climatic significance of interdecadal variations. *Journal of Geophysical Research* Vol. 105, No. D10, p. 12, 461-470

15) CHERUBINI P., (2000). Tree-ring research beyond the climate change: "Quo vadis?" *Dendrochronologia*, 18, 91-93.

2001

16) FERRETTI M., CHERUBINI P., DOBBERTIN M., NIMIS P.L., PARR T.W. , (2001). La questione del campionamento nelle reti di monitoraggio degli effetti dell'inquinamento ambientale e dei cambiamenti climatici sulle risorse naturali in Europa - Tra vecchi problemi e nuove necessità. *ISFAF Comunicazioni di ricerca*, 2, 51-72.

2002

17) SOLOMINA O., CHERUBINI P. , (2002**b**). "Tree rings and people", an international conference on the future of dendrochronology: an overview. *Dendrochronologia*, 20, 1-2, 13-19.

18) CHERUBINI P., FONTANA G., RIGLING. D., DOBBERTIN M., BRANG P., INNES J.L. , (2002). Tree-life history prior to death: two fungal root pathogens affect tree-ring growth differently. *Journal of Ecology*, 90, 5, 839-850.

2003

19) SAURER M., CHERUBINI P., BONANI G., SIEGWOLF R. , (2003) Tracing carbon uptake from a natural CO₂ spring into tree rings: an isotope approach. *Tree Physiology*, 23, 997-1004.

20) REBETEZ M., SAURER M., CHERUBINI P. , (2003) To what extent can oxygen isotopes in tree rings and precipitation be used to reconstruct past atmospheric temperature? A case study. *Climatic Change*, 61, 237-248.

21) CHERUBINI P., GARTNER B.L., TOGNETTI R., BRÄKER O.U., SCHOCH W., INNES J.L. , (2003) Identification, measurement and interpretation of tree rings in woody species from mediterranean climates. *Biological Reviews of the Cambridge Philosophical Society*, 78, 1, 119-148.

2004

22) BASCIETTO M., CHERUBINI P., SCARASCIA-MUGNOZZA G. , (2004) Tree rings from a European beech forest chronosequence are useful for detecting growth trends and carbon sequestration. *Canadian Journal of Forest Research*, 34, 481-492.

23) SAURER M., CHERUBINI P., AMMANN M., DE CINTI B., SIEGWOLF R. , (2004) First detection of nitrogen from NO_x in tree rings: A ¹⁵N/¹⁴N study near a motorway. *Atmospheric Environment*, 38, 2779-2787.

24) D'ARRIGO R.D., KAUFMANN R.K., DAVI N., JACOBY G.C., LASKOWSKI C., MYNENI R.B., CHERUBINI P. , (2004). Thresholds for warming-induced growth decline at elevational tree line in the Yukon Territory, Canada. *Global Biogeochemical Cycles*, 18, GB3021, doi:10.1029/2004GB002249

2005

25) WALDNER P., CHERUBINI P., STÄHLI M., THIMONIER A., SCHMITT M. , (2005). Effects of atmospheric nitrogen deposition on tree growth in temperate forests in Switzerland. *International Forestry Review*, 7, 5, 76.

26) LI M., SCHAUB M., CHERUBINI P., KRÄUCHI N. , (2005b). Physiological and growth responses of *Abies alba* trees to defoliation. *International Forestry Review*, 7, 5, 94-95.

27) CHERUBINI P., NÖTZLI M., STARY N., SAURER M., SIEGWOLF R., KRÄUCHI N., MINERBI S. , (2005). Tree rings predict which trees will survive the next drought and which will die: a case study from South Tirol (Italy). *International Forestry Review*, 7, 5, 98.

28) NOVAK K., CHERUBINI P., SAURER M., FUHRER J., SKELLY J.M., KRÄUCHI N., SCHAUB M. , (2005). The effect of ozone exposure on tree-ring growth and carbon stable isotopes in broadleaf species grown in open-top chambers. *International Forestry Review*, 7, 5, 283.

29) TODARO L., SARACINO A., D'ALESSANDRO, CHERUBINI P. , (2005). Tree-ring response of *Pinus eldreichii* to climate and anthropogenic activity in the National Park of Pollino (Basilicata, Southern Italy). *International Forestry Review*, 7, 5, 288.

30) CHIESI M., MASELLI F., BINDI M., FIBBI L., CHERUBINI P., ARLOTTA E., TIRONE G., MATTEUCCI G., SEUFERT G. , (2005). Modelling carbon budget of Mediterranean forests using ground and remote sensing measurements. *Agricultural Forest Meteorology*, 135, 1-4, 22-34.

2006

31) FONTI P., CHERUBINI P., RIGLING A., WEBER P., BIGING G.S. , (2006). Tree rings show competition dynamics in abandoned *Castanea sativa* coppices after land-use changes. *Journal of Vegetation Science*, 17, 103-112.

32) GRABNER M., CHERUBINI P., ROZENBERG P., HANNRUP, B. , (2006). Summer drought and low earlywood density induce intra-annual radial cracks in conifers. *Scandinavian Journal of Forest Research*, 21, 151-157.

33) GUERRIERI M.R., SAURER M., SIEGWOLF R.T.W., WALDNER P., CHERUBINI P. , (2006). Impatto del traffico veicolare su $\delta^{15}\text{N}$, $\delta^{13}\text{C}$ e $\delta^{18}\text{O}$ di aghi ed anelli annuali di abete rosso (*Picea abies* L.) presso un'autostrada in Svizzera. *Forest@*, 3, 3, 437-445. [online] URL: <http://www.sisef.it/>

34) CAI X., LI M.H., CHERUBINI P., PU C. , (2006). Radial growth responses of *Cryptomeria japonica* to the climate. *Journal of Sichuan Forestry Science and Technology*, 27, 3, 1-4.

2007

35) DE MICCO V., SAURER M., ARONNE G., TOGNETTI R., CHERUBINI P. , (2007). Variations of wood anatomy and ^{13}C within tree rings of coastal *Pinus pinaster* showing intra-annual density fluctuations. *IAWA Journal*, 28, 1, 61-74.

36) NOVAK K., CHERUBINI P., SAURER M., FUHRER J., SKELLY J.M., KRÄUCHI N., SCHAUB M. , (2007). Ozone air pollution effects on tree-ring growth, $\delta^{13}\text{C}$, visible foliar injury and leaf gas exchange in three ozone-sensitive woody plant species. *Tree Physiology*, 27, 941-949.

37) HAJDAS I., SCHLUMPF N., MINIKUS-STARY N., HAGEDORN F., ECKMEIER E., SCHOCH W., BURGA C., BONANI G., SCHMIDT M.W.I., CHERUBINI P. , (2007). Radiocarbon ages of soil charcoals from the southern Alps, Ticino, Switzerland. *Nuclear Instruments & Methods in Physics Research B*, 259, 398-402.

38) TODARO L., ANDREU L., D'ALESSANDRO C.M., GUTIERREZ E., CHERUBINI P., SARACINO A. , (2007). Response of *Pinus leucodermis* to climate and anthropogenic activity in the National Park of Pollino (Basilicata, Southern Italy). *Biological Conservation*, 137, 507-519.

39) BATTIPAGLIA G., CHERUBINI P., SAURER M., SIEGWOLF R.T.W., STRUMIA S., COTRUFO M.F. , (2007). Volcanic explosive eruptions of the Vesuvio decrease tree-ring growth but not photosynthesis rates in the surrounding forests. *Global Change Biology*, 13, 1122-1137.

40) TOGNETTI R., CHERUBINI P., MARCHI S., RASCHI A. , (2007). Leaf traits and tree rings suggest different water-use and carbon assimilation strategies by two co-occurring *Quercus* species in a Mediterranean mixed-forest stand in Tuscany, Italy. *Tree Physiology*, 27, 1741-1751.

41) MANNES D., LEHMANN E., CHERUBINI P., NIEMZ P. , (2007). Neutron imaging versus standard X-ray densitometry as method to measure tree-ring wood density. *Trees*, 21, 605-612.

42) RODOLFI A., CHIESI M., TAGLIAFERRI G., CHERUBINI P., MASELLI F. , (2007). Assessment of forest GPP variations in central Italy. *Canadian Journal of Forest Research*, 37, 10, 1944-1953.

2008

43) LI P., SUN Y., WANG S., WANG X., CAI X., ZHU W., CHERUBINI P., LI M. , (2008). Altitudinal changes in leaf mass per unit area and tissue non-structural carbohydrates content of *Abies fabri* on Gongga Mountain of Southwest China. *Chinese Journal of Applied Ecology*, 19, 8-12.

44) AKKEMIK Ü., D'ARRIGO R., CHERUBINI P., KÖSE N., JACOBY G.C. , (2008). Tree-ring reconstructions of precipitation and streamflow for north-western Turkey. *International Journal of Climatology*, 28, 173-183.

- 45) BALTENSWEILER W., WEBER U.M., CHERUBINI P. , (2008). The "larch bud moth syndrome": tracing the interaction between insect outbreaks and weather patterns by tree-ring analysis, long-term tree phenology and insect population monitoring. *Oikos*, 117, 161--172.
- 46) D'ARRIGO R., WILSON R., LIEPERT B., CHERUBINI P. , (2008). On the "Divergence problem" in northern forests: A review of the tree-ring evidence and possible causes. *Global Planetary Change*, 60, 289-305.
- 47) LEONELLI G., PELFINI M., CHERUBINI P. , (2008). Dendroclimatic analysis of four tree-ring chronologies from the Trafoi Valley (Central Italian Alps) and correlation with glacier mass-balance series. *Boreas*, 37, 69-178.
- 48) LEAL S., EAMUS D., GRABNER M., WIMMER R., CHERUBINI P. , (2008). Tree rings of *Pinus nigra* from the Vienna basin region (Austria) show evidence of change in climatic sensitivity in the late 20th century. *Canadian Journal of Forest Research*, 38, 4, 744-759.
- 49) LOMBARDI F., CHERUBINI P., LASSERRE B., TOGNETTI R., MARCHETTI M. , (2008). Tree rings used to assess time since death of deadwood of different decay classes in beech and silver fir forests in the central Apennines (Molise, Italy). *Canadian Journal of Forest Research*, 38, 4, 821-833.
- 50) LINGUA E., CHERUBINI P., MOTTA R., NOLA P. , (2008). Spatial structure along an altitudinal gradient in the Italian central Alps suggests competition and facilitation among coniferous species. *Journal of Vegetation Science*, 19, 2, 425-436.
- 51) MARTIN-BENITO D., CHERUBINI P., DEL RIO M., CANELLAS I. , (2008). Growth response to climate and drought in *Pinus nigra* Arn. trees of different crown classes. *Trees*, 22, 363-373.
- 52) LI M.-H., XIAO W.-F., WANG S.-G., CHENG G.-W., CHERUBINI P., CAI X.-H., LIU X.-L., WANG X.-D., ZHU W.-Z., (2008). Mobile carbohydrates in Himalayan treeline trees I. Evidence for carbon gain limitation but not for growth limitation. *Tree Physiology*, 28, 1287-1296.
- 53) SIMARD S., ELHANI S., MORIN H., KRAUSE C., CHERUBINI P. , (2008). Carbon and oxygen stable isotopes from tree rings to identify spruce budworm outbreaks in the boreal forest of Québec. *Chemical Geology*, 252, 80-87.
- 54) FAVILLI F., EGLI M., CHERUBINI P., SARTORI G., HAEBERLI W., DELBOS E. , (2008). Comparison of different methods of obtaining a resilient organic matter fraction in Alpine soils. *Geoderma*, 145, 355-369.
- 55) SAURER M., CHERUBINI P., REYNOLDS-HENNE C.E., TREYDTE K.S., ANDERSON W.T., SIEGWOLF R.T.W. , (2008). An investigation of the common signal in tree ring stable isotope chronologies at temperate sites. *Journal Geophysical Research*, 113, G04035, doi:10.1029/2008JG000689
- 56) BOLLI J.C., WAGNER H.H., KALWIJ J.M., WERTH S., CHERUBINI P., SCHEIDEGGER C., RIGLING A. , (2008). Growth dynamics after historic disturbance in a montane forest and its implications for an endangered epiphytic lichen. *Botanica Helvetica*, 118, 111-127.
- 57) CHERUBINI P. , (2008). Impact Factor Fever. *Science*, 322, 191.

2009

- 58) GUERRIERI M.R., SIEGWOLF R.T.W., SAURER M., JÄGGI M., CHERUBINI P., RIPULLONE F., BORGHETTI M. , (2009). Impact of different nitrogen emission sources on tree physiology as assessed by a triple stable isotope approach. *Atmospheric Environment*, 43, 410-418.
- 59) RADDI S., CHERUBINI P., LAUTERI M., MAGNANI F. , (2009). The impact of sea erosion on coastal *Pinus pinea* stands: A diachronic analysis combining tree-rings and ecological markers. *Forest Ecology and Management*, 257, 773-781.
- 60) BATTIPAGLIA G., SAURER M., CHERUBINI P., SIEGWOLF R.T.W., COTRUFO M.F. , (2009). Tree rings indicate different drought resistance of a native (*Abies alba* Mill.) and a nonnative (*Picea abies* (L.) Karst.) species co-occurring at a dry site in Southern Italy. *Forest Ecology and Management*, 257, 820-828.
- 61) LEONELLI G., PELFINI M., BATTIPAGLIA G., CHERUBINI P. , (2009). Site-aspect influence on climate sensitivity over time of a high-altitude *Pinus cembra* tree-ring network. *Climatic Change*, 96, 185-201.

62) FAVILLI F., EGLI M., BRANDOVA D., IVY-UCHS S., KUBIK P., CHERUBINI P., MIRABELLA A., SARTORI G., GIACCAI D., HAEBERLI W., (2009). Combined use of relative and absolute dating techniques for detecting signals of Alpine landscape evolution during the late Pleistocene and early Holocene. *Geomorphology*, 112, 48-66.

63) FAVILLI F., EGLI M., BRANDOVA D., IVY-UCHS S., KUBIK P.W., MAISCH M., CHERUBINI P., HAEBERLI W., (2009). Combination of numerical dating techniques using ^{10}Be in rock boulders and ^{14}C of resilient soil organic matter for reconstructing the chronology of glacial and periglacial processes in a high Alpine catchment during the late Pleistocene and early Holocene. *Radiocarbon*, 51, 2, 537-552.

64) GEA-IZQUIERDO G., MARTIN-BENITO D., CHERUBINI P., CANELLAS I., (2009). Climate-growth variability in *Quercus ilex* L. west Iberian open woodlands of different stand density. *Annals Forest Sciences*, 66, 802 DOI: 10.1051/forest/2009080.

65) REGIER N., STREB S., COCOZZA C., SCHAUB M., CHERUBINI P., ZEEMAN S.C., FREY B., (2009). Drought tolerance of two black poplar (*Populus nigra* L.) clones: contribution of carbohydrates and oxidative stress defence. *Plant Cell Environment*, 32, 1724-1736.

66) WINTER M.-B., WOLFF B., GOTTSCHLING H., CHERUBINI P., (2009). The impact of climate on radial growth and nut production of Persian walnut (*Juglans regia* L.) in Southern Kyrgyzstan. *European Journal of Forest Research*, 128, 531-542.

67) CAMPELO F., NABAIS C., GARCIA-GONZALES I., CHERUBINI P., GUTIERREZ E., FREITAS H., (2009). Dendrochronology of *Quercus ilex* L. and its potential use for climate reconstruction in the Mediterranean region. *Canadian Journal Forest Research*, 39, 2486-2493.

2010

68) BATTIPAGLIA G., MARZAIOLI F., LUBRITTO C., ALTIERI S., STRUMIA S., CHERUBINI P., COTRUFO M.F., (2010). Traffic pollution affects tree-ring width and isotopic composition of *Pinus pinea*. *Science of the Total Environment*, 408, 586-593.

69) NICOLINI G., TARCHIANI V., SAURER M., CHERUBINI P., (2010). Wood-growth zones in *Acacia seyal* Delile in the Keita Valley, Niger: Is there any climatic signal? *Journal Arid Environments*, 74, 355-359.

70) FAVILLI F., CHERUBINI P., COLLENBERG M., EGLI M., SARTORI G., SCHOCH W., HAEBERLI W., (2010). Charcoal fragments of Alpine soils as an indicator of landscape evolution during the Holocene in Val di Sole (Trentino, Italy). *The Holocene*, 20, 67-79.

71) COCOZZA C., CHERUBINI P., REGIER N., SAURER M., FREY B., TOGNETTI R., (2010). Early effects of water deficit on two parental clones of *Populus nigra* grown under different environmental conditions. *Functional Plant Biology*, 37, 244-254.

72) DI MATTEO G., DE ANGELIS P., BRUGNOLI E., CHERUBINI P., SCARASCIA MUGNOZZA G., (2010). Tree-ring $\delta^{13}\text{C}$ reveals the impact of past forest management on water-use efficiency in a Mediterranean oak coppice in Tuscany (Italy). *Annals Forest Science*, 67, 510, DOI: 10.1051/forest/2010012

73) GRISSINO-MAYER H.D., SHEPPARD P.R., CLEVELAND M.K., CHERUBINI P., RATCLIFF P., TOPHAM J., (2010). Adverse implications of misdating in dendrochronology: Addressing the re-dating of the "Messiah" violin. *Dendrochronologia*, 28, 149-159.

74) COPENHEAVER C.A., GOLDBECK K., CHERUBINI P., (2010). Lack of gender bias in citation rates of publications by dendrochronologists: what is unique about this discipline? *Tree-Ring Research*, 66, 2, 127-133.

75) EILMANN B., BUCHMANN N., SIEGWOLF R., SAURER M., CHERUBINI P., RIGLING A., (2010). Fast response of Scots pine to improved water availability reflected in tree-ring width and $\delta^{13}\text{C}$. *Plant, Cell & Environment*, 33, 1351-1360.

76) POLLASTRINI M., DESOTGIU R., CASCIO C., BUSSOTTI F., CHERUBINI P., SAURER M., GEROSA G., MARZUOLI R., (2010). Growth and physiological responses to ozone and mild drought stress of tree species with different ecological requirements. *Trees*, 24, 695-704.

77) COPENHEAVER C.A., GÄRTNER H., SCHÄFER I., VACCARI F.P., CHERUBINI P., (2010). Drought-triggered false ring formation in a Mediterranean shrub. *Botany*, 88, 545-555.

78) BATTIPAGLIA G., DE MICCO V., BRAND W.A., LINKE P., ARONNE G., SAURER M., CHERUBINI P., (2010). Variations of vessel diameter and $\delta^{13}\text{C}$ in false rings of *Arbutus unedo* L. reflect different environmental conditions. *New Phytologist*, 188, 1099-1112.

2011

- 79) LEONELLI G., PELFINI M., D'ARRIGO R., HAEBERLI W., CHERUBINI P. , (2011). Non-stationary responses of tree-ring chronologies and glaciers mass balance to climate in the European Alps. *Arctic, Antarctic and Alpine Research*, 43, 56-65.
- 80) BEGHIN R., CHERUBINI P., BATTIPAGLIA G., SIEGWOLF R., SAURER M, BOVIO G. , (2011). Tree-ring growth and stable isotopes (13C and 15N) detect effects of wildfires on tree physiological processes in *Pinus sylvestris* L. *Trees* 25, 627-636.
- 81) GEA-IZQUIERDO G., CHERUBINI P., CANELLAS I. , (2011). Tree-rings reflect the impact of climate change on *Quercus ilex* L. along a temperature gradient in Spain over the last 100 years. *Forest Ecology Management*, 262, 1807-1816.
- 82) COCOZZA C., GIOVANNELLI A., TRAVERSI M.L., CASTRO G., CHERUBINI P., TOGNETTI R. , (2011). Do tree-ring traits reflect different water deficit responses in young poplar clones (*Populus x canadensis* Mönch 'I-214' and *P. deltoides* 'Divina')? *Trees*, 25, 975-985.
- 83) LEONELLI G., BATTIPAGLIA G., CHERUBINI P., MORRA DI CELLA U., PELFINI M. , (2011). Chemical elements and heavy metals in European larch tree rings from remote and polluted sites in the European Alps. *Geografia Fisica e Dinamica del Quaternario*, 34, 195-206.

2012

- 84) EGLI M., MASTROLONARDO G., SEILER R., RAIMONDI S., FAVILLI F., CRIMI V., KREBS R., CHERUBINI P., CERTINI G. , (2012). Charcoal and stable soil organic matter as indicators of fire frequency, climate and past vegetation in volcanic soils of Mt. Etna, Sicily. *Catena*, 88, 14-26.
- 85) CASTAGNERI D., NOLA P., CHERUBINI P., MOTTA R. , (2012). Temporal variability of size-growth relationships in a Norway spruce forest: the influences of stand structure, logging and climate. *Canadian Journal Forest Research*, 42, 550-560.
- 86) DE MICCO V., BATTIPAGLIA G., BRAND W.A., LINKE P., SAURER M., ARONNE G., CHERUBINI P. , (2012). Discrete versus continuous analysis of anatomical and d¹³C variability in tree-rings with intra-annual-density-fluctuations. *Trees*, 26, 513-524.
- 87) GEA-IZQUIERDO G., FONTI P., CHERUBINI P., MARTIN-BENITO D., CHAAR H., CANELLAS I. , (2012). Xylem hydraulic adjustment and growth response of *Quercus canariensis* Willd. to climatic variability. *Tree Physiology*, 32, 401-413.
- 88) CHIESI M., CHERUBINI P., MASELLI F. , (2012). Adaptation of a modelling strategy to predict the NPP of even-aged forest stands. *European Journal of Forest Research*, 131, 1175-1184.
- 89) ECKSTEIN D., CHERUBINI P. , (2012). The "dendrochronological community" at Rovaniemi, Finland, 2010: Lessons learned from the past and perspectives for the future. *Dendrochronologia*, 30, 195-197.
- 90) MORENO-GUTIERREZ C., BATTIPAGLIA G., CHERUBINI P., SAURER M., NICOLAS E., CONTRERAS S., QUEREJETA J.I. , (2012). Stand structure modulates the long-term vulnerability of *Pinus halepensis* to climatic drought in a semiarid Mediterranean ecosystem. *Plant Cell Environment*, 35, 1026-1039.
- 91) TOGNETTI R., LOMBARDI F., LASSERRE B., BATTIPAGLIA G., SAURER M., CHERUBINI P., MARCHETTI M. , (2012). Tree-ring responses in *Araucaria araucana* to two major eruptions of Lonquimay Volcano (Chile). *Trees*, 26, 1805-1819.
- 92) BÜNTGEN U., EGLI S., TEGEL W., STOBBE U., SPROLL L., ELBURG R., PETER M., NIEVERGELT D., CHERUBINI P., STENSETH N.C. , (2012). Illuminating the mysterious world of truffles. *Frontiers in Ecology and the Environment*, 10, 462-463.
- 93) LEONELLI G., BATTIPAGLIA G., SIEGWOLF R., SAURER M., MORRA DI CELLA U., CHERUBINI P., PELFINI M. , (2012). Climatic isotope signals in tree rings masked by air pollution: A case study conducted along the Mont Blanc Tunnel access road (Western Alps, Italy). *Atmospheric Environment*, 61, 169-179.
- 94) KRAUSE K., CHERUBINI P., BUGMANN H., SCHLEPPI P. , (2012). Growth enhancement of *Picea abies* trees under long-term, low-dose N addition is due to morphological more than to physiological changes. *Tree Physiology*, 32, 1471-1481.

2013

- 95) LOMBARDI F., CHERUBINI P., TOGNETTI R., COCOZZA C., LASSERRE B., MARCHETTI M. , (2013). Investigating biochemical processes to assess deadwood decay of beech and silver fir in Mediterranean mountain forests. *Annals of Forest Science*, 70, 101-111.

96) BATTIPAGLIA G., SAURER M., CHERUBINI P., CALFAPIETRA C., McCARTHY H., NORBY R., COTRUFO F. , (2013). Elevated CO₂ increases tree-level intrinsic water use efficiency: insights from carbon and oxygen isotope analyses in tree rings across three forest FACE sites. *New Phytologist*, 197, 544-554.

97) LI M-H., CHERUBINI P., DOBBERTIN M., AREND M., XIAO W.-F., RIGLING A. , (2013). Responses of leaf nitrogen and mobile carbohydrates in different *Quercus* species/provenances to moderate climate changes. *Plant Biology*, 15, 177-184.

98) FONTI P., HELLER O., CHERUBINI P., RIGLING A., AREND M. , (2013). Wood anatomical responses of oak saplings exposed to air warming and soil drought. *Plant Biology*, 15, 210-219.

99) PANAYOTOV M.P., ZAFIROV N., CHERUBINI P. , (2013). Fingerprints of extreme climate events in *Pinus sylvestris* tree rings from Bulgaria. *Trees*, 27, 211-227.

100) CHERUBINI P., HUMBEL T., BEECKMAN H., GÄRTNER H., MANNES D., PEARSON C., SCHOCH W., TOGNETTI R., LEV-YADUN S. , (2013). Olive tree-ring problematic dating: a comparative analysis on Santorini (Greece). *PLoS ONE*, 8, 1, 1-5, e54730.

101) GEA-IZQUIERDO G., BATTIPAGLIA G., GÄRTNER H., CHERUBINI P. , (2013). Xylem adjustment in *Erica arborea* to temperature and moisture availability in contrasting climates. *IWA Journal*, 34, 2, 109-126.

102) GORI Y., CHERUBINI P., CAMIN F., LA PORTA N. , (2013). Fungal root pathogen (*Heterobasidion parviporum*) increases drought stress in Norway spruce stand at low elevation in the Alps. *European Journal Forest Research*, 132, 607-619.

103) BUCHWAL A., RACHLEWICZ G., FONTI P., CHERUBINI P., GÄRTNER H. , (2013). Temperature modulates intra-plant growth of *Salix polaris* from High Arctic site (Svalbard). *Polar Biology*, 36, 1305-1318. DOI 10.1007/s00300-013-1349-x

104) ROSSI L., SEBASTIANI L., TOGNETTI R., D'ANDRIA R., MORELLI G., CHERUBINI P. , (2013). Tree-ring wood anatomy and stable isotopes show structural and functional adjustments in olive trees under different water availability. *Plant Soil*, 372, 567-579.

105) DONDEERS T.H., DECUYPER M., BEAUBIEN S.E., VAN HOOFF T.B., CHERUBINI P., SASS-KLAASSEN U. , (2013). Tree rings as biosensor to detect leakage of subsurface fossil CO₂. *International Journal of Greenhouse Gas Control*, 19, 387-395.

2014

106) BATTIPAGLIA G., DE MICCO V., BRAND W.A., SAURER M., ARONNE G., LINKE P., CHERUBINI P. , (2014). Drought impact on water use efficiency and intra-annual density fluctuations in *Erica arborea* on Elba (Italy). *Plant Cell Environment*, 37, 382-391.

107) CHURAKOVA (SIDOROVA) O.V., EUGSTER W., ZIELIS S., CHERUBINI P., ETZOLD S., SAURER M., SIEGWOLF R., BUCHMANN N. , (2014). Increasing relevance of spring temperatures for Norway spruce trees in Davos, Switzerland, after the 1950s. *Trees*, 28, 183-191.

108) PALOMBO C., BATTIPAGLIA G., CHERUBINI P., CHIRICI G., GARFI V., LASSERRE B., LOMBARDI F., MARCHETTI M., TOGNETTI R. , (2014). Warming-related growth responses at the southern limit distribution of mountain pine (*Pinus mugo* TURRA subsp. *mugo*). *Journal of Vegetation Science*, 25, 571-583.

109) CHERUBINI P., HUMBEL T., BEECKMAN H., GÄRTNER H., MANNES D., PEARSON C., SCHOCH W., TOGNETTI R., LEV-YADUN S. , (2014). The olive-branch dating of the Santorini eruption. *Antiquity*, 88, 267-273.

110) CHERUBINI P., LEV-YADUN S. , (2014). The olive tree-ring problematic dating. *Antiquity*, 88, 290-291.

111) DE MICCO V., BATTIPAGLIA G., CHERUBINI P., ARONNE G. , (2014). Comparing methods to analyse anatomical features of tree rings with and without intra-annual density fluctuations (IADFs). *Dendrochronologia*, 32, 1-6.

112) MASELLI F., CHERUBINI P., CHIESI M., AMPARO GILABERT M., LOMBARDI F., MORENO A., TEOBALDELLI M., TOGNETTI R. , (2014). Start of the dry season as a main determinant of inter-annual Mediterranean forest production variations. *Agricultural and Forest Meteorology*, 194, 197-206.

113) ANADON-ROSELL A., RIXEN C., CHERUBINI P., WIPF S., HAGEDORN F., DAWES M.A. , (2014). Growth and phenology of three dwarf shrub species in a six-year soil warming experiment at the Alpine treeline. *PLoS ONE*, 9, 6, e100577, 1-9.

114) LEONELLI G., PELFINI M., BATTIPAGLIA G., SAURER M., SIEGWOLF R.T.W., CHERUBINI P. , (2014). First detection of glacial meltwater signature in tree-ring d18O: Reconstructing past major glacier runoff events at Lago Verde (Miage Glacier, Italy). *Boreas* 43, 600-607.

115) NABAIS C., CAMPELO F., VIEIRA J., CHERUBINI P. , (2014). Climatic signals of tree-ring width and intra-annual density fluctuations of *Pinus pinaster* and *Pinus pinea* along a latitudinal gradient in Portugal. *Forestry* 87, 598-605.

116) BATTIPAGLIA G., DE MICCO V., SASS-KLAASSEN U., CHERUBINI P. , (2014). Wood structure in plant biology and ecology. *Dendrochronologia* 32, 3, 282-283.

117) TOGNETTI R., LOMBARDI F., LASSERRE B., CHERUBINI P., MARCHETTI M. , (2014). Tree-ring stable isotopes reveal twentieth-century increases in water-use efficiency of *Fagus sylvatica* and *Nothofagus* spp. in Italian and Chilean mountains. *PLoS ONE* 9, 11, 1-16, e113136.

118) ROSSI L., SEBASTIANI L., TOGNETTI R., D'ANDRIA R., MORELLI G., CHERUBINI P. , (2014). Different irrigation regimes induce changes in vessel size in olive trees (*Olea europaea* L.) from Southern Italy. *Acta Horticulturae* 1038, 7, 455-462.

2015

119) CAMPELO F., VIEIRA J., BATTIPAGLIA G., DE LUIS M., NABAIS C., FREITAS H., CHERUBINI P. , (2015). Which matters most for the formation of intra-annual density fluctuations in *Pinus pinaster*: age or size? *Trees*, 29, 237-245 DOI 10.1007/s00468-014-1108-9

120) MORENO-GUTIÉRREZ C., BATTIPAGLIA G., CHERUBINI P., DELGADO HUERTAS A., QUEREJETA J.I. , (2015). Pine afforestation decreases the long-term performance of understory shrubs in a semiarid Mediterranean ecosystem: a stable isotope approach. *Functional Ecology*, 29, 15-25, DOI 10.1111/1365-2435.12311

121) GÄRTNER H., CHERUBINI P., FONTI P., VON ARX G., SCHNEIDER L., NIEVERGELT D., VERSTEGE A., BAST A., SCHWEINGRUBER F.H., BÜNTGEN U. , (2015). Technical perspective in modern tree-ring research - How to overcome dendroecological and wood anatomical challenges. *Journal of Visualized Experiments*, 97, e52337, DOI:10.3791/52337

122) CHERUBINI P. , (2015). Enigmatic High-Asian tree rings: A postcard from the roof of the world (Kathmandu, Nepal). *Dendrochronologia*, 34, 31-32.

123) SIDOR C.G., POPA I., VLAD R., CHERUBINI P. , (2015). Different tree-ring responses of Norway spruce to air temperature across an altitudinal gradient in the Eastern Carpathians (Romania). *Trees*, 29, 985-997. DOI 10.1007/s00468-015-1178-3

124) RITA A., CHERUBINI P. , LEONARDI S., TODARO L., BORGHETTI M. , (2015). Functional adjustments of xylem anatomy to climatic variability: insights from long-term *Ilex aquifolium* tree-ring series. *Tree Physiology*, 35, 817-828. DOI 10-1093/treephys/tpv055

125) SHEKEINE J., TURNBULL L.A., CHERUBINI P., DE JONG R., BAXTER R., HANSEN D., BUNBURY N., FLEISCHER-DOGLEY F., SCHAEPMAN-STRUB G. , (2015). Primary productivity and its correlation with rainfall on Aldabra Atoll. *Biogeosciences Discussions* 12, 981-1013

126) PETRILLO M., CHERUBINI P., FRAVOLINI G., ASCHER J., SCHÄRER M., SYNAL H.-A., BERTOLDI D., CAMIN F., LARCHER R., EGLI M. , (2015). Time since death and decay rate constants of Norway spruce and European larch deadwood in subalpine forests determined using dendrochronology and radiocarbon dating. *Biogeosciences Discussions*, 12, 14797-14832.

127) ALTIERI S., MEREU S., CHERUBINI P., CASTALDI S., SIRIGNANO C., LUBRITTO C., BATTIPAGLIA G. (2015). Tree-ring carbon and oxygen isotopes indicate different water use strategies in three Mediterranean shrubs at Capo Caccia (Sardinia, Italy). *Trees*, 29, 1593-1603.

128) AMOROSO M.M., DANIELS L.D., VILLALBA R., CHERUBINI P. , (2015). Does drought incite tree decline and death in *Austrocedrus chilensis* forests? *Journal of Vegetation Science*, 26, 1171-1183.

129) DIE A., DE RIDDER M., CHERUBINI P., KOUAME F.N., VERHEYDEN A., KITIN P., TOIRAMBE B.B., VAN DEN BULCKE J., VAN ACKER J., BEECKMAN H. , (2015). Tree rings show a different climate response in a managed and a non-managed plantation of teak (*Tectona grandis*) in West Africa. *IAWA J.*, 36, 4, 409-427.

2016

- 130) VITALI V., BRANG P., CHERUBINI P., ZINGG A., SIMEONOVA NIKOLOVA P. , (2016). Radial growth changes in Norway spruce montane and subalpine forests after strip cutting in the Swiss Alps. *Forest Ecology and Management*, 364, 145-153.
- 131) PETRILLO M., CHERUBINI P., SARTORI G., ABIVEN S., ASCHER J., BERTOLDI D., CAMIN F., BARBERO A., LARCHER R., EGLI M. , (2016). Decomposition of Norway spruce and European larch coarse woody debris (CWD) in relation to different elevation and exposition in an Alpine setting. *iForest*, 9, 154-164.
- 132) CHERUBINI P. , (2016). In memoriam of Elio Corona (1930-2015). *Dendrochronologia*, 37, 128.
- 133) PETRILLO M., CHERUBINI P., FRAVOLINI G., MARCHETTI M., ASCHER-JENULL J., SCHÄRER M., SYNAL H.-A., BERTOLDI D., CAMIN F., LARCHER R., EGLI M. , (2016). Time since death and decay rate constants of Norway spruce and European larch deadwood in subalpine forests determined using dendrochronology and radiocarbon dating. *Biogeosciences*, 13, 1537-1552.
- 134) BATTIPAGLIA G., CAMPELO F., VIEIRA J., GRABNER M., DE MICCO V., NABAIS C., CHERUBINI P., CARRER M., BRÄUNING A., CUFAR K., DI FILIPPO A., GARCÍA-GONZÁLEZ I., KOPROWSKI M., KLISZ M., KIRDYANOV A.V., ZAFIROV N., DE LUIS M. , (2016). Structure and function of intra-annual density fluctuations: mind the gaps. *Frontiers in Plant Science* 7, article 595, doi: 10.3389/fpls.2016.00595.
- 135) COLOMBAROLI D., CHERUBINI P., DE RIDDER M., SAURER M., TOIRAMBE B., ZWEIFEL N., BEECKMAN H. , (2016). Stable carbon and oxygen isotopes in tree rings show physiological responses of *Pericopsis elata* to precipitation in the Congo Basin. *Journal of Tropical Ecology*, 32, 213-225.
- 136) DE MICCO V., BATTIPAGLIA G., BALZANO A., CHERUBINI P., ARONNE G. , (2016). Are wood fibres as sensitive to environmental conditions as vessels in tree rings with intra-annual density fluctuations (IADFs) in Mediterranean species? *Trees*, 30, 971-983.
- 137) DE MICCO V., CAMPELO F., DE LUIS M., BRÄUNING A., GRABNER M., BATTIPAGLIA G., CHERUBINI P. , (2016). Intra-annual density fluctuations in tree rings: how, when, where and why? *IAWA Journal*, 37, 232-259.
- 138) COCOZZA C., RAVERA S., CHERUBINI P., LOMBARDI F., MARCHETTI M., TOGNETTI R. , (2016). Integrated biomonitoring of airborne pollutants over space and time using tree rings, bark, leaves and epiphytic lichens. *Urban Forestry and Urban Greening*, 17, 177-191.
- 139) SASS-KLAASSEN U., FONTI P., CHERUBINI P., GRICAR J., ROBERT E.M.R., STEPPE K., BRÄUNING A. , (2016). A tree-centered approach to assess impacts of extreme climatic events on forests. *Frontiers in Plant Science* 7, article 1069, doi: 10.3389/fpls.2016.01069.
- 140) FRAVOLINI G., EGLI M., DERUNGS C., CHERUBINI P., ASCHER-JENULL J., GÓMEZ-BRANDÓN M., BARDELLI T., TOGNETTI R., LOMBARDI F., MARCHETTI M. , (2016). Soil attributes and microclimate are important drivers of initial deadwood decay in sub-alpine Norway spruce forests. *Science of the Total Environment*, 569-570, 1064-1076.
- 141) BÄTZ N., COLOMBINI P., CHERUBINI P., LANE S.N. , (2016). Groundwater controls on biogeomorphic succession and river channel morphodynamics. *Journal of Geophysical Research: Earth Surface*, 121, 1763-1785, doi:10.1002/2016JF004009.

2017

- 142) RIEGER I., KOWARIK I., CHERUBINI P., CIERJACKS A. , (2017). A novel dendrochronological approach reveals drivers of carbon sequestration in tree species of riparian forests across spatiotemporal scales. *Science of the Total Environment*, 574, 1261-1275.
- 143) LEONELLI G., BATTIPAGLIA G., CHERUBINI P., SAURER M., SIEGWOLF R., MAUGERI M., STENNI B., FUSCO S., MAGGI V., PELFINI M. , (2017). *Larix decidua* δ18O tree-ring cellulose mainly reflects the isotopic signature of winter snow in a high-altitude glacial valley of the European Alps. *Science of the Total Environment*, 579, 230-237.
- 144) SEILER R., KIRCHNER J.W., KRUSIC P.J., TOGNETTI R., HOULIE N., ANDRONICO D., CULLOTTA S., EGLI M., D'ARRIGO R., CHERUBINI P. (2017). Insensitivity of tree-ring growth to temperature and precipitation sharpens the puzzle of enhanced pre-eruption NDVI on Mt. Etna (Italy). *PLoS ONE*, 12, 1, e0169297. doi:10.1371/journal.pone.0169297, 1-21.
- 145) GIAMMARCHI F., VACCHIANO G., BERTAGNOLLI A., VENTURA M., PANZACCHI P., CHERUBINI P., TONON G. , (2017). Effects of the lack of forest management on spatiotemporal dynamics of a subalpine *Pinus cembra* forest. *Scandinavian Journal of Forest Research*, 32, 2, 142-153.

146) GOMEZ-BRANDON M., ASCHER-JENULL J., BARDELLI T., FORNASIER F., FRAVOLINI G., ARFAIOLI P., CECCHERINI M.T., PIETRAMELLARA G., LAMORSKI K., SLAWINSKI C., BERTOLDI D., EGLI M., CHERUBINI P., INSAM H. , (2017). Physico-chemical and microbiological evidence of exposure effects on *Picea abies* - Coarse woody debris at different stages of decay. *Forest Ecology and Management*, 391, 376-389.

147) SEILER R., HOULIE N., CHERUBINI P. , (2017). Tree-ring width reveals the preparation of the 1974 Mt. Etna eruption. *Scientific Reports*, 7:44019 | DOI: 10.1038/srep44019.

148) CAILLERET M., JANSEN S., ROBERT E.M.R., DESOTO L., AAKALA T., ANTOS J.A., BEIKIRCHER B., BIGLER C., BUGMANN H., CACCIANIGA M., CADA V., CAMARERO J.J., CHERUBINI P., COCHARD H., COYEA M.R., CUFAR K., DAS A.J., DAVI H., DELZON S., DORMAN M., GEA-IZQUIERDO G., GILLNER S., HAAVIK L.J., HARTMANN H., HERES A.-M., HULTINE K.R., JANDA P., KANE J.M., KHARUK V.I., KITZBERGER T., KLEIN T., KRAMER K., LENS F., LEVANIC T., LINARES CALDERON J.C., LLORET F., LOBO-DO-VALE R., LOMBARDI F., LÓPEZ RODRÍGUEZ R., MÄKINEN H., MAYR S., MÉSZÁROS I., METSARANTA J.M., MINUNNO F., OBERHUBER W., PAPADOPOULOS A., PELTONIEMI M., PETRITAN A.M., ROHNER B., SANGÜESA-BARREDA G., SARRIS D., SMITH J.M., STAN A.B., STERCK F., STOJANOVIC D.B., SUAREZ M.L., SVOBODA M., TOGNETTI R., TORRES-RUIZ J.M., TROTSIUK V., VILLALBA R., VODDE F., WESTWOOD A.R., WYCKOFF P.H., ZAFIROV N., MARTÍNEZ-VILALTA J. , (2017). A synthesis of radial growth patterns preceding tree mortality. *Global Change Biology*, 23, 1675-1690.

149) GIAMMARCHI F., CHERUBINI P., PRETSCH H., TONON G. , (2017). The increase of atmospheric CO₂ affects growth potential and intrinsic water-use efficiency of Norway spruce forests: insights from a multi-stable isotope analysis in tree rings of two Alpine chronosequences. *Trees*, 31, 503-515.

150) PETRUCCO L., NARDINI A., VON ARX G., SAURER M., CHERUBINI P. , (2017). Isotope signals and anatomical features in tree rings suggest a role for hydraulic strategies in diffuse drought-induced die-back of *Pinus nigra*. *Tree Physiology*, 37, 523-535.

151) BÜNTGEN U., KRUSIC P.J., VERSTEGE A., SANGUESA-BARREDA G., WAGNER S., CAMARERO J.J., CHARPENTIER LJUNGQVIST F., ZORITA E., OPPENHEIMER C., KONTER O., TEGEL W., GÄRTNER H., CHERUBINI P., REINIG F., ESPER J. , (2017). New tree-ring evidence from the Pyrenees reveals western Mediterranean climate variability since medieval times. *Journal of Climate*, 30, 5295-5318.

152) CHIESI M., FIBBI L., TOGNETTI R., LOMBARDI F., CHIRICI G., TEOBALDELLI M., CHERUBINI P., MASELLI F. , (2017). Assessment of inter-annual forest production variations in Italy by the use of remote-sensing and ancillary data. *European Journal of Remote Sensing*, 50, 1, 577-587.

153) LEONELLI G., COPPOLA A., SALVATORE M.C., BARONI C., BATTIPAGLIA G., GENTILESCA T., RIPULLONE F., BORGHETTI M., CONTE E., TOGNETTI R., MARCHETTI M., LOMBARDI F., BRUNETTI M., MAUGERI M., PELFINI M., CHERUBINI P., PROVENZALE A., MAGGI V. , (2017). Climate signals in a multi-species tree-ring network from central and southern Italy and reconstruction of the late summer temperatures since the early 1700s. *Climate of the Past*, 13, 1451-1471.

154) GOMEZ-BRANDON M., ASCHER-JENULL J., BARDELLI T., FORNASIER F., FRAVOLINI G., ARFAIOLI P., CECCHERINI M.T., PIETRAMELLARA G., LAMORSKI K., SLAWINSKI C., BERTOLDI D., EGLI M., CHERUBINI P., INSAM H. , (2017). Physico-chemical and microbiological evidence of exposure effects on *Picea abies* - Coarse woody debris at different stages of decay. *Forest Ecology and Management* 391, 376-389.

2018

155) FRAVOLINI G., TOGNETTI R., LOMBARDI F., EGLI M., ASCHER-JENULL J., ARFAIOLI P., BARDELLI T., CHERUBINI P., MARCHETTI M. , (2018). Quantifying decay progression of deadwood in Mediterranean mountain forests. *Forest Ecology and Management*, 408, 228-237.

156) PERONE A., COCOZZA C., CHERUBINI P., BACHMANN O., GUILLONG M., LASSERRE B., MARCHETTI M., TOGNETTI R. , (2018). Oak tree-rings record spatial-temporal pollution trends from different sources in Terni (Central Italy). *Environmental Pollution*, 233, 278-289.

157) LIU Y., TA W., CHERUBINI P., LIU R., WANG Y., SUN C. , (2018). Elements content in tree rings from Xi'an, China and environmental variations in the past 30 years. *Science of the Total Environment*, 619-620, 120-126.

158) CARDINALE M., LUVISI A., MEYER J.B., SABELLA E., DE BELLIS L., CRUZ A.C., AMPATZIDIS Y., CHERUBINI P. , (2018). Specific fluorescence *in situ* hybridization (FISH) test to highlight colonization of xylem vessels by *Xylella fastidiosa* in naturally infected olive trees (*Olea europaea* L.). *Frontiers in Plant Science*, doi: 10.3389/fpls.2018.00431

159) CHERUBINI P. , (2018). Publishing tree-ring science and serving the *dendrofamily*. *Dendrochronologia*, 48, A1.

160) ZALLONI E., BATTIPAGLIA G., CHERUBINI P., DE MICCO V. , (2018). Site conditions influence the climate signal of intra-annual density fluctuations in tree rings of *Q. ilex* L. *Annals of Forest Science*, 75, 68.

161) AUS DER AU R., AWADA T., HILLER J., BATTIPAGLIA G., SAURER M., CHERUBINI P. , (2018). Tree rings of *Pinus ponderosa* and *Juniperus virginiana* show different responses to stand density and water availability in the Nebraska Grasslands. *American Midland Naturalist*, 180, 18-36.

162) REBENACK C.E., CHERUBINI P., ANDERSON W.T. , (2018). Developing a carbon isotope chronology for a coastal subtropical tree species with variable subannual tree-ring growth. *Journal of Coastal Research*, 34, 4, 828-842.

163) CONG Y., WANG A., HE S.H., YU F.H., TOGNETTI R., CHERUBINI P., WANG X., LI M.H. , (2018). Evergreen *Quercus aquifolioides* remobilizes more soluble carbon components but less N and P from leaves to shoots than deciduous *Betula ermanii* at the end-season. *iForest*, 11, 517-525.

164) BÜNTGEN U., WACKER L., GALVAN J.D., ARNOLD S., ARSENEAULT D., BAILLIE M., BEER J., BERNABEI M., BLEICHER N., BOSWIJK G., BRÄUNING A., CARRER M., CHARPENTIER LJUNGQVIST F., CHERUBINI P., CHRISTL M., CHRISTIE D.A., CLARK P.W., COOK E.R., D'ARRIGO R., DAVI N., EGGERTSSON O., ESPER J., FOWLER A., GEDALOF Z., GENNARETTI F., GRIESSINGER J., GRISSINO-MAYER H., GRUDD H., GUNNARSON B.E., HANTEMIROV R., HERZIG F., HESSL A., HEUSSNER K.-U., JULL A.J.T., KUKARSKIH V., KIRDYANOV A., KOLAR T., KRUSIC P.J., KYNCL T., LARA A., LEQUESNE C., LINDERHOLM H.W., LOADER N.J., LUCKMAN B., MIYAKE F., MYGLAN V.S., NICOLUSSI K., OPPENHEIMER C., PALMER J., PANYUSHKINA I., PEDERSON N., RYBNICEK M., SCHWEINGRUBER F.H., SEIM A., SIGL M., CHURAKOVA (SIDOROVA) O., SPEER J.H., SYNAL H.-A., TEGEL W., TREYDTE K., VILLALBA R., WILES G., WILSON R., WINSHIP L.J., WUNDER J., YANG B., YOUNG G.H.F. , (2018). Tree rings reveal globally coherent signature of cosmogenic radiocarbon events in 774 and 993 CE. *Nature Communications*, 9, 3605, DOI: 10.1038/s41467-018-06036-0

165) ZALLONI E., BATTIPAGLIA G., CHERUBINI P., SAURER M., DE MICCO V. , (2018). Contrasting physiological responses to Mediterranean climate variability are revealed by intra-annual density fluctuations in tree rings of *Quercus ilex* L. and *Pinus pinea* L. *Tree Physiology*, 38, 1213-1224.

166) PALOMBO C., FONTI P., LASSERRE B., CHERUBINI P., MARCHETTI M., TOGNETTI R. , (2018). Xylogenesis of compression and opposite wood in mountain pine at a Mediterranean treeline. *Annals of Forest Science*, 75, 93.

167) ISAAC-RENTON M., MONTWE D., HAMANN A., SPIECKER H., CHERUBINI P., TREYDTE K. , (2018). Northern forest tree populations are physiologically maladapted to drought. *Nature Communications*, 9, 5254, DOI: 10.1038/s41467-018-07701-0

2019

168) TIWARI A., CHERUBINI P. , (2019). The unexplored potential of tree rings from Himalayan pristine forests to understand their history and provide answers to water and forest management in Bhutan. *Dendrochronologia*, 53, 37-39.

169) LYU L., ZHANG Q.-B., PELLATT M.G., BÜNTGEN U., LI M.-H., CHERUBINI P. , (2019). Drought limitation on tree growth at the Northern Hemisphere's highest tree line. *Dendrochronologia*, 53, 40-47.

170) CAILLERET M., DAKOS V., JANSEN S., ROBERT E.M.R., AAKALA T., AMOROSO M.M., ANTOS J.A., BIGLER C., BUGMANN H., CACCIANIGA M., CAMARERO J.J., CHERUBINI P., COYEA M.R., CUFAR K., DAS A.J., DAVI H., GEA-IZQUIERDO G., GILLNER S., HAAVIK L.J., HARTMANN H., HERES A.-M., HULTINE K.R., JANDA P., KANE J.M., KHARUK V.I., KITZBERGER T., KLEIN T., LEVANIČ T., LINARES J.C., LOMBARDI F., MÄKINEN H., MÉSZÁROS I., METSARANTA J.M., OBERHUBER W., PAPADOPOULOS A., PETRITAN A.M., ROHNER B., SANGÜESA-BARRERA G., SMITH J.M., STAN A., STOJANOVIC D.B., SUAREZ M.L., SVOBODA M., TROTSIUK V., VILLALBA R., WESTWOOD A., WYCKOFF P., MARTÍNEZ-VILALTA J. , (2019). Early-warning signals of individual tree mortality based on annual radial growth. *Frontiers in Plant Science*, 9, 1964.

171) CHENG X., LYU L., BÜNTGEN U., CHERUBINI P., QIU H., ZHANG Q.-B. , (2019). Increased El Niño–Southern Oscillation sensitivity of tree growth on the southern Tibetan Plateau since the 1970s. *International Journal of Climatology*, 39, 3465–3475.

172) MENDES M.P., CHERUBINI P., PLIENINGER T., RIBEIRO L., COSTA A. , (2019). Climate effects on stem radial growth of *Quercus suber* L.: does tree size matter? *Forestry*, 92, 73-84.

- 173) VEZZOLA L.C., MICHELOZZI M., CALAMAI L., GONTHIER P., GIORDANO L., CHERUBINI P., PELFINI M. , (2019). Tree-ring volatile terpenes show potential to indicate fungal infection in asymptomatic mature Norway spruce trees in the Alps. *Forestry*, 92, 2, 149-156.
- 174) BUMANN E., AWADA T., WARDLOW B., HAYES M., OKALEBO J., HELZER C., MAZIS A., HILLER J., CHERUBINI P. , (2019). Assessing responses of *Betula papyrifera* to climate variability in a remnant population along the Niobrara River Valley in Nebraska U.S. through dendroecological and remote sensing techniques. *Canadian Journal Forest Research*, 49, 423-433.
- 175) ZALLONI E., BATTIPAGLIA G., CHERUBINI P., SAURER M., DE MICCO V. (2019). Wood growth in pure and mixed *Quercus ilex* L. forests: drought influence depends on site conditions. *Frontiers in Plant Science*, 10, 397.
- 176) CERRATO R., CHERUBINI P., BÜNTGEN U., COPPOLA A., SALVATORE M.C., BARONI C. , (2019). Tree-ring-based reconstruction of larch budmoth outbreaks in the Central Italian Alps since 1774 CE. *iForest*, 12, 289-296.
- 177) LIU Y., CAI W., SUN C., SONG H., COBB K.M., LI J., LEAVITT S.W., WU L., CAI Q., LIU R., NG B., CHERUBINI P., BÜNTGEN U., SONG Y., WANG G., LEI Y., YAN L., LI Q., MA Y., FANG C., SUN J., LI X., CHEN D., LINDERHOLM H.W. (2019). Anthropogenic aerosols cause recent pronounced weakening of Asian Summer Monsoon relative to last four centuries. *Geophysical Research Letters*, 46, 5469-5479, 10.1029/2019GL082497.
- 178) DE MICCO V., CARRER M., RATHGEBER C.B.K., CAMARERO J.J., VOLTAS J., CHERUBINI P., BATTIPAGLIA G. , (2019). From xylogenesis to tree rings: wood traits to investigate tree response to environmental changes. *IAWA Journal*, 40, 155-182.
- 179) LEONELLI G., BATTIPAGLIA G., CHERUBINI P., SAURER M., SIEGWOLF R.T.W., MAUGERI M., STENNI B., FUMAGALLI M.L., PELFINI M., MAGGI V. , (2019). Tree-ring $\delta^{18}\text{O}$ from an Alpine catchment reveals changes in glacier stream water inputs between 1980 and 2010. *Arctic, Antarctic, and Alpine Research*, 51, 250-264.
- 180) COCOZZA C., PERONE A., GIORDANO C., SALVATICI M.C., PIGNATTELLI S., RAI0 A., SCHAUB M., SEVER K., INNES J.L., TOGNETTI R., CHERUBINI P. , (2019). Silver nanoparticles enter into the tree stem faster through leaves than through roots. *Tree Physiology*, 39, 1251-1261.
- 181) CHERUBINI P. , (2019). *Dendrochronologia* in the scholarly publishing world: How can a small fish survive in a pool of sharks? *Dendrochronologia*, 58, 125647.
- 182) VUARIDEL M., CHERUBINI P., METTRA F., VENNEMANN T., LANE S.N. , (2019). Climate-driven change in the water sourced by trees in a de-glaciating proglacial fore-field, Torres del Paine, Chile. *Ecohydrology*, 12, e2133.
- 183) VITALI F., RAI0 A., SEBASTIANI F., CHERUBINI P., CAVALIERI D., COCOZZA C. , (2019). Environmental pollution effects on plant microbiota: the case study of poplar bacterial-fungal response to silver nanoparticles. *Applied Microbiology and Biotechnology*, 103: 8215-8227.
- 184) AWADA T., SKOLAUT K., BATTIPAGLIA G., SAURER M., RIVEROS-IREGUI D., SCHAPAUGH A., HUDDLE J., ZHOU X., DERREL M., CHERUBINI P. , (2019). Tree-ring stable isotopes show different ecophysiological strategies in native and invasive woody species of a semi-arid riparian ecosystem in the Great Plains of the USA. *Ecohydrology*, 12, e2074.

2020

- 185) VERGINE M., MEYER J.B., CARDINALE M., SABELLA E., HARTMANN M., CHERUBINI P., DE BELLIS L., LUVISI A. , (2020). The *Xylella fastidiosa*-resistant olive cultivar "Leccino" has stable endophytic microbiota during the Olive Quick Decline Syndrome (OQDS). *Pathogens*, 9, 35, doi:10.3390/pathogens9010035
- 186) KATTGE J., BÖNISCH G., DIAZ S., ... CHERUBINI P., ..., WIRTH C. , (2020). TRY plant trait database - enhanced coverage and open access. *Global Change Biology*, 26, 119-188.
- 187) REINIG F., CHERUBINI P., ENGELS S., ESPER J., GUIDOBALDI G., JÖRIS O., LANE C., NIEVERGELT D., OPPENHEIMER C., PARK C., PFANZ H., RIEDE F., SCHMINCKE H.-U., STREET M., WACKER L., BÜNTGEN U. , (2020). Towards a dendrochronologically refined date of the Laacher See eruption around 13,000 years ago. *Quaternary Science Reviews*, 229, 106128.
- 188) BALZANO A., BATTIPAGLIA G., CHERUBINI P., DE MICCO V. , (2020). Xylem plasticity in *Pinus pinaster* and *Quercus ilex* growing at sites with different water availability in the Mediterranean region: relations between intra-annual density fluctuations and environmental conditions. *Forests*, 11, 379; doi:10.3390/f11040379.

189) BÜNTGEN U., LIEBHOLD A., NIEVERGELT D., WERMELINGER B., ROQUES A., REINIG F., KRUSIC P.J., PIERMATTEI A., EGLI S., CHERUBINI P., ESPER J. , (2020). Return of the moth: rethinking the effect of climate on insect outbreaks. *Oecologia*, 192, 543-552.

190) SONG H., MEI R., LIU Y., NIEVERGELT D., VERSTEGE A., CHERUBINI P., LIU R., SUN C., LI Q., CHEN L., ZENG X., GUO J. , (2020). Maximum July–September temperatures derived from tree-ring densities on the western Loess Plateau, China. *International Journal of Climatology*, DOI: 10.1002/joc.6650

191) PANDEY S., CHERUBINI P., SAURER M., CARRER M., PETIT G. , (2020). Effects of climate change on treeline trees in Sagarmatha (Mt. Everest, Central Himalaya). *Journal Vegetation Science*, <https://doi.org/10.1111/jvs.12921>

192) BATTIPAGLIA G., AWADA T., AUS DER AU R., INNANGI M., SAURER M., CHERUBINI P. , (2020). Increasing atmospheric CO₂ concentrations outweighs effects of stand density in determining growth and water use efficiency in *Pinus ponderosa* of the semi-arid grasslands of Nebraska (U.S.A.). *Global Ecology and Conservation*, 24, e01274.

193) CHERUBINI P., GARGANO A., GROB M., NIEVERGELT D., PASSARDI S. , (2020). Dendrochronologia's tutoring recipes: How to take samples for small basic dendroecological studies. *Dendrochronologia*, 64, 125774.

194) SABELLA E., MORETTI S., GÄRTNER H., LUVISI A., DE BELLIS L., VERGINE M., SAURER M., CHERUBINI P. , (2020). Increase in ring width, vessel number, and δ¹⁸O in olive trees infected with *Xylella fastidiosa*. *Tree Physiology*, 44, 1583-1594.

2021

195) MU Y.-M., ZHANG Q.-B., FANG O., LYU L., CHERUBINI P. , (2021). Pervasive tree-growth reduction in Tibetan juniper forests. *Forest Ecology and Management*, 480, 118642.

196) YANG Y., WANG A., CHERUBINI P., KRÄUCHI N., NI Y., WU Z., HE H.S., LI M.-H., SCHAUB M. , (2021). Physiological and growth responses to defoliation of older needles in *Abies alba* trees grown under two light regimes. *Forest Ecology Management*, 484, 118947.

197) SONG H., MEI R., LIU Y., NIEVERGELT D., VERSTEGE A., CHERUBINI P., LIU R., SUN C., LI Q., CHEN L., ZENG X., GUO J. , (2021). Maximum July–September temperatures derived from tree-ring densities on the western Loess Plateau, China. *International Journal of Climatology*, DOI: 10.1002/joc.6650, 41, 779-790.

198) PALANDRANI C., MOTTA R., CHERUBINI P., CUROVIC M., DUKIC V., TONON G., CECCON C., PERESSOTTI A., ALBERTI G. , (2021). Role of photosynthesis and stomatal conductance on the long-term rising of intrinsic water use efficiency in dominant trees in three old-growth forests in Bosnia-Herzegovina and Montenegro. *iForest*, 14, 53-60.

199) FANG O., ZHANG Q.-B., VITASSE Y., ZWEIFEL R., CHERUBINI P. , (2021). The frequency and severity of past droughts shape the drought sensitivity of juniper trees on the Tibetan Plateau. *Forest Ecology Management*, 486, 118968.

200) CHERUBINI P., BATTIPAGLIA G., INNES J.L. , (2021). Tree vitality and forest health: can tree-ring stable isotopes be used as indicators? *Current Forestry Reports*, 7, 69-80. <https://doi.org/10.1007/s40725-021-00137-8>.

201) BÜNTGEN U., URBAN O., KRUSIC P.J., RYBNICEK M., KOLAR T., KYNCL T., AC A., KONASOVA E., CASLAVSKY J., ESPER J., WAGNER S., SAURER M., TEGEL W., DOBROVOLNY P., CHERUBINI P., REINIG F., TRNKA M. , (2021). Recent European drought extremes beyond Common Era background variability. *Nature Geoscience*, <https://doi.org/10.1038/s41561-021-00698-0>

202) HADAD M.A., GONZALEZ-REYES A., ROIG F.A., MATSKOVSKY V., CHERUBINI P. (2021). Tree-ring-based hydroclimatic reconstruction for the northwest Argentine Patagonia since 1055 CE and its teleconnection to large-scale atmospheric circulation. *Global and Planetary Change*, 202, 103496.

203) COCOZZA C., ALTERIO E., BACHMANN O., GUILLONG M., SITZIA T., CHERUBINI P. , (2021). Monitoring air pollution close to a cement plant and in a multi-source industrial area through tree-ring analysis. *Environmental Science and Pollution Research*, <https://doi.org/10.1007/s11356-021-14446-9>

204) BÜNTGEN U., ALLEN K., ANCHUKAITIS K., ARSENEAULT D., BOUCHER E., BRÄUNING A., CHATTERJEE S., CHERUBINI P., CHURAKOVA O., CORONA C., GENNARETTI F., GRIEBINGER J., GUILLET S., GUIOT J., GUNNARSON B., HELAMA S., HOCHREUTHER P., HUGHES M., HUYBERS, P., KIRDYANOV A., KRUSIC P., LUDESCHER J., MEIER W., MYGLAN V., NICOLUSSI K., OPPENHEIMER C., REINIG F., SALZER M., SEFTIGEN K., STINE A., STOFFEL M., ST. GEORGE S., TEJEDOR E., TREVINO A., TROUET V., WANG J., WILSON, R., YANG B., XU G.,

ESPER J. , (2021). The influence of decision-making in tree ring-based climate reconstructions. *Nature Communications*, 12 3411, <https://doi.org/10.1038/s41467-021-23627-6>.

205) VERSACE S., BATTIPAGLIA G., GARFI V., GIANELLE D. TOGNETTI R., CHERUBINI P. , (2021). Intra-annual density fluctuations in silver fir are triggered by drier climate conditions. *Trees*, 35, 1945-1959.

206) REINIG F., WACKER L., JÖRIS O., OPPENHEIMER C., GUIDOBALDI G., NIEVERGELT D., ADOLPHI F., CHERUBINI P., ENGELS S., ESPER J., LAND A., LANE C., PFANZ H., REMMELE S., SIGL M., SOOKDEO A., BÜNTGEN U. , (2021). Precise date of the Laacher See eruption synchronizes the Younger Dryas. *Nature*, 595, 66-69.

207) NIKOLOVA P.S., GEYER J., BRANG P., CHERUBINI P., ZIMMERMANN S., GÄRTNER H. , (2021). Changes in root-shoot allometric relations in Alpine Norway spruce trees after strip cutting. *Frontiers in Plant Science*, doi: 10.3389/fpls.2021.703674

208) SEILER R., HAJDAS I., SAURER M., HOULIE N., D'ARRIGO R., KIRCHNER J.W., CHERUBINI P. , (2021). Tree-ring stable isotopes and radiocarbon reveal pre- and post-eruption effects of volcanic processes on trees on Mt. Etna (Sicily, Italy). *Ecohydrology*, DOI: 10.1002/eco.2340

209) YUAN D., ZHU L., CHERUBINI P., LI Z., ZHANG Y., WANG X. , (2021). Species-specific indication of 13 tree species growth on climate warming in temperate forest community of northeast China. *Ecological Indicators* 133, 108389.

210) COSTA A., CHERUBINI P. , (2021). Is cork growth a reliable proxy for stem diameter growth in cork oak (*Quercus suber* L.)? Implications for forest management under climate change in Mediterranean regions. *Applied Sciences*, 11, 11998. <https://doi.org/10.3390/app112411998>

211) CHERUBINI P. , (2021). Tree-ring dating of musical instruments. *Science*, 373, (6562), 1434-1436.

2022

212) FARAHAT E., CHERUBINI P., SAURER M., GÄRTNER H., (2022). Wood anatomy and tree-ring stable isotopes indicate a recent decline in water-use efficiency in the desert tree *Moringa peregrina*. *International Journal of Biometeorology*, 66, 127-137.

213) SAURER M., CHERUBINI P. , (2021). Tree physiological responses after biotic and abiotic disturbances revealed by a dual isotope approach. *Tree Physiology*, 42, 1-4. doi:10.1093/treephys/tpab036

214) BALLIKAYA P., MARSHALL J.D., CHERUBINI P. , (2022). Can tree-ring chemistry be used to monitor atmospheric nanoparticle contamination over time? *Atmospheric Environment*, 268, 118781.

215) ANDERSON-TEIXEIRA K.J., HERRMANN V., ROLLINSON C.R., GONZALEZ B., GONZALEZ-AKRE E.B., N. PEDERSON, M.R. ALEXANDER, ALLEN C.D., ALFARO-SANCHEZ R., AWADA T., BALTZER J.L., BAKER P.J., BIRCH J.D., BUNYAVEJCHEWIN S., CHERUBINI P., DAVIES S.J., DOW C., HELCOSKI R., KASPAR J., LUTZ J.A., MARGOLIS E.Q., MAXWELL J.T., MCMAHON S.M., PIPONIOT C., RUSSO S.E., SAMONIL P., SNIDERHAN A.E., TEPLY A.J., VASICKOVA I., VLAM M., ZUIDEMA P.A. , (2022). Joint effects of climate, tree size, and year on annual tree growth derived from tree-ring records of ten globally distributed forests. *Global Change Biology*, 28, 245-266. DOI: 10.1111/gcb.15934

216) LEONELLI G., BOLLATI I.M., CHERUBINI P., SAURER M., VERGARI F., DEL MONTE M., PELFINI M. , (2022). Tree-ring stable isotopes indicate mass wasting processes at Radicofani in the upper Orcia Valley (Tuscany, Italy). *Science of Total Environment*, 812, 152428.

217) CHERUBINI P., CARLSON B., TALIRZ W., WIENER M.H. , (2022). Musical string instruments: Potential and limitations of tree-ring dating and provenancing to verify their authenticity. *Dendrochronologia*, 72, 125942.

218) MURAZZI M.E., CHERUBINI P., BRUNNER I., KÄGI R., SAURER M., BALLIKAYA P., HAGEDORN F., AL SID CHEIKH M., ONANDIA G., GESSLER A. , (2022). Can forest trees take up and transport nanoplastics? *iForest*, 15, 128-132.

219) PERULLI G.D., PETERS R.L., VON ARX G., GRAPPADELLI L.C., MANFRINI L., CHERUBINI P. , (2022). Learning from the past to improve in the future: tree-ring wood anatomy as retrospective tool to help orchard irrigation management. *Acta Horticulturae*, 1335. DOI 10.17660/ActaHortic.2022.1335.21.

220) VERSACE S., BRÄUNING A., CHERUBINI P., DI FEBBRARO M., HÂUSSER M., LOMBARDI F., MARCHETTI M., MARZILIANO P.A., SALBITANO F., SZYMCZAK S., TOGNETTI R., (2022). New evidence for population-specific responses to drought events from tree ring chronologies of *Pinus nigra* ssp. *laricio* across the entire distribution range. *Agricultural and Forest Meteorology*, 323, 109076.

221) CHERUBINI P. , (2022). Timbre in the timber: how I date ancient violins. *Nature*, 605, 7911, 782.

222) COSTA A., CHERUBINI P., GRACA J., SPIECKER H., BARBOSA I., MAGUAS C. , (2022). Beyond width and density: stable carbon and oxygen isotopes in cork-rings provide insights of physiological responses to water stress in *Quercus suber* L. *PeerJ*, 10:e14270.

223) SONG W., ZHAO B., MU C., BALLIKAYA P., CHERUBINI P., WANG X. , (2022). Moisture availability influences the formation and characteristics of earlywood of *Pinus tabulaeformis* more than latewood in northern China. *Agricultural and Forest Meteorology*, 327, 109219.

224) JING M., ZHU L., CHERUBINI P., YUAN D., LI Z., WANG X., LIU S. , (2022). Responses of radial growth of *Pinus massoniana* and *Castanopsis eyrei* to climate change at different elevations in south China. *Ecological Indicators*, 145, 109602.

225) GUO W., CHERUBINI P., ZHANG J., HU X., LI M.-H., QI L. , (2022). Soil physicochemical properties determine leaf traits but not size traits of moso bamboo (*Phyllostachys edulis*). *Environmental Research Letters*, 17, 114061.

226) KHAN N., NGUYEN H.T.T., GALELLI S., CHERUBINI P. , (2022). Increasing drought risks over the past four centuries amidst projected flood intensification in the Kabul River basin (Afghanistan and Pakistan)-Evidence from tree rings. *Geophysical Research Letters*, 49, e2022GL100703.

2023

227) BALLIKAYA P., MATEOS J.M., BRUNNER I., KAECH A., CHERUBINI P. , (2023). Detection of silver nanoparticles inside leaf of European beech (*Fagus sylvatica* L.). *Frontiers in Environmental Science*, 10:1107005. doi: 10.3389/fenvs.2022.1107005.

228) BALLIKAYA P., SONG W., BACHMANN O., GUILLONG M., WANG X., CHERUBINI P. , (2023). Chemical elements recorded by *Quercus mongolica* tree rings reveal trends of pollution history in Harbin, China. *Forests*, 14, 187.

229) BALLIKAYA P., BRUNNER I., COCOZZA C., GROLIMUND D., KAEGI R., MURAZZI M.E., SCHAUB M., SCHÖNBECK L., SINNET B., CHERUBINI P. , (2023). First evidence of nanoparticle uptake through leaves and roots in beech (*Fagus sylvatica* L.) and pine (*Pinus sylvestris* L.). *Tree Physiology*, 43, 262-276.

230) GÄRTNER H., SCHNEIDER L., LUCCHINETTI S., CHERUBINI P. , (2023). Advanced workflow for taking high-quality increment cores - new techniques and devices. *Journal of Visualized Experiments*, (193), e64747, doi:10.3791/64747, <https://www.jove.com/v/64747>.

231) NI Y., XIAO W., LIU J., JIAN Z., LI M., XU J., LEI L., ZHU J., LI Q., ZENG L., CHERUBINI P. , (2023). Radial growth-climate correlations of *Pinus massoniana* in natural and planted forest stands along a latitudinal gradient in subtropical central China. *Agricultural Forest Meteorology*, 334, 109422.

232) GUO W., CHERUBINI P., ZHANG J., LI M.-H., QI L. , (2023). Leaf stomatal traits rather than anatomical traits regulate gross primary productivity of moso bamboo (*Phyllostachys edulis*) stands. *Frontiers in Plant Science*, 14:1117564. doi: 10.3389/fpls.2023.1117564

233) BALLIKAYA P., BRUNNER I., COCOZZA C., GROLIMUND D., KAEGI R., MURAZZI M.E., SCHAUB M., SCHÖNBECK L., SINNET B., CHERUBINI P. , (2023). Nanoparticles are everywhere, even inside trees. *Chimia*, 77, 4, 256.

234) ALLEN R., MAZIS A., WARDLOW B., CHERUBINI P., HILLER J., WEDIN D., AWADA T. , (2023). Coupling dendroecological and remote sensing techniques to assess the biophysical traits of *Juniperus virginiana* and *Pinus ponderosa* within the semi-arid grasslands of the Nebraska Sandhills. *Forest Ecology and Management*, 544, 121184.

235) REINIG F., WACKER L., JÖRIS O., OPPENHEIMER C., GUIDOBALDI G., NIEVERGELT D., ADOLPHI F., CHERUBINI P., ENGELS S., ESPER J., KEPPLER F., LAND A., LANE C., PFANZ H., REMMELE S., SIGL M., SOOKDEO A., BÜNTGEN U. , (2023). Reply to: Possible magmatic CO₂ influence on the Laacher See eruption date. *Nature*, 619, E3-E8.

236) BATKHUYAG E.-U., LEHMANN M.M., CHERUBINI P., ULZIBAT B., SOYOL-ERDENE T.-O., SCHAUB M., SAURER M. , (2023). Combination of multiple stable isotope and elemental analyses in urban trees reveals air pollution and climate change effects in Central Mongolia. *Ecological Indicators*, 154, 110719.

237) ZHANG R., HU Z., CHERUBINI P., COOPER D.J., ZHU L., LEI P. , (2023). Tree-ring data reveal trees are suffering from severe drought stress in the humid subtropical forest. *Forest Ecology Management*, 546, 121330.

238) BATTIPAGLIA G., KABALA J.P., PACHECO-SOLANA A., NICCOLI F., BRÄUNING A., CAMPELO F., CUFAR K., DE LUIS M., DE MICCO V., KLISZ M., KOPROWSKI M., GARCIA-GONZALEZ I., NABAIS C., VIEIRA J., WRZESIŃSKI P., ZAFIROV N., CHERUBINI P., (2023). Intra-annual density fluctuations in tree rings are proxies of air temperature across Europe. *Scientific Reports*, 13, 12294.

239) ALDEROTTI F., SILLO F., BRILLI L., BUSSOTTI F., CENTRITTO M., FERRINI F., GORI A., INGHERS R., PASQUINI D., POLLASTRINI M., SAURER M., CHERUBINI P., BALESTRINI R., BRUNETTI C., (2023). *Quercus ilex* L. dieback is genetically determined: Evidence provided by dendrochronology, $\delta^{13}C$ and SSR genotyping. *Science of Total Environment*, 904, 166809.

240) ZHU L., ZHANG J., CAMARERO J.J., COOPER D.J., CHERUBINI P., YUAN D., WANG X., (2023). Drivers and spatiotemporal patterns of post-drought growth resilience of four temperate broad-leaved trees. *Agriculture and Forest Meteorology*, 342, 109741.

241) QI X., CHERUBINI P., TREYDTE K., LI M.-H., WU Z., HE H.S., DU H., FANG K., SAURER M., (2023). Growth responses to climate warming and their physiological mechanisms differ between mature and young larch trees in a boreal permafrost region. *Agriculture and Forest Meteorology*, 343, 109765.

242) ESPER J., CHERUBINI P., KALTENBACH D., BÜNTGEN U., (2023). London plane bark exfoliation and tree-ring growth in urban environments. *Arboriculture & Urban Forestry*, 49, 6, 299-312.

2024

243) CUFAR K., LIANG E., SMITH K.T., WAZNY T., WROBEL S., CHERUBINI P., SCHMITT U., LÄÄNELAID A., BURGERT I., KOCH G., PUMIJUMNONG N., SANDER C., SEO J.-W., SOHAR K., YONENOBU H., SASS-KLAASSEN U., (2024). Dieter Eckstein's bibliography and legacy of connection to wood biology and tree-ring science. *Dendrochronologia*, 83, 126165.

244) DU H., XU L., CAMARERO J.J., CHERUBINI P., LI M.-H., HE H., MENG X., WU Z., (2024). Radial growth responses of *Larix gmelinii* to drought events in dry and wet areas of northern temperate forests. *Dendrochronologia*, 84, 126185.

245) DAMIANO N., BATTIPAGLIA G., CHERUBINI P., AMITRANO C., ALTIERI S., SCHNEIDER L., BALZANO A., CIRILLO C., DE MICCO V., (2024). Anatomical and isotopic traits in grapevine wood rings record environmental variability. *IAWA Journal*, 45, 1, 47-62

246) SABELLA E., BUJA I., NEGRO C., VERGINE M., CHERUBINI P., PAVAN S., MARUCCIO G., DE BELLIS L., ANDREA LUVISI A., (2024). The significance of xylem structure and its chemical components in certain olive tree genotypes with tolerance to *Xylella fastidiosa* infection. *Plants*, 13, 930.

247) CHERUBINI P., (2024). When, how and why do trees grow? Large datasets help explain when and how trees grow, but not why. *Current Biology*, 34, R237-R239.

248) ZHU L., WANG M., CAMARERO J.J., COOPER D.J., YUAN D., CHEN Z., WANG X., CHERUBINI P., (2024). Permafrost melting enhances growth but leads to less intra-annual density fluctuations in boreal *Larix gmelinii* forests at its southernmost limit in northeast China. *Ecological Indicators*, 164, 112158.

249) ISLAM N., VENNEMANN T., BÜNTGEN U., CHERUBINI P., LANE S.N., (2024). Tree-ring hydrological research in the Himalaya: State of the art and future directions. *Progress in Physical Geography*, doi.org/10.1177/03091333241229919

250) JOSI R., PARDINI A., HAINDRICH A., MARAR S.V., VOGT A.-C. S., GESSLER A., RENTSCH D., CHERUBINI P., BACHMANN M.F., MOHSEN M.O., (2024). Green routes: Exploring protein-based virus-like nanoparticle transport and immune activation in *Nicotiana benthamiana* for biotechnological applications. *Vaccines*, 12, 831.

251) SONG W., ZHAO B., LIU D., CHERUBINI P., LI X., JIN K., MU C., WANG X., (2024). Hydraulic conductivity regulates tree growth and drought resistance in semi-arid mixed forests of northern China. *Ecological Indicators*, 166, 112471.

252)) HU Z., ZHU L., LIU S., LEI P., ZHANG R., CHERUBINI P., (2024). Xylem adjustment and growth response of early- and late-successional tree species to rapid warming. *European Journal of Forest Research*, 143, 785-801.

253)) LI W., ZHU L., ZHU L., JING M., QIAN C., ZHU Y., CHERUBINI P., (2024). Old *Pinus massoniana* forests benefit more from recent rapid warming in humid subtropical areas of central-southern China. *Journal of Forestry Research*, 35, 88.

254) GÄRTNER H., SCHNEIDER L., CHERUBINI P. , (2024). A new workflow for sampling and digitizing increment cores. *Journal Visualized Experiments* (211), e67098 (16 pp.), doi:10.3791/67098.

2025

255) COSGUN S., GAUTHIER J., BEFFA G., BONAMONI G., CARRARO G., CHERUBINI P., GOBET E., LEUNDA M., MANETTI M.-C., MAZZA G., PISTONE A., SCHWÖRER C., SPERISEN C., VAN VUGT L., ALVAREZ N., CONEDERA M., GUGERLI F., TINNER W. , (2025). Exploring the connection between climatic conditions and genetic properties of *Abies alba* Mill., including warm and summer-dry Mediterranean environments. *Science of the Total Environment*, 964, 178559.

256) COSGUN S., GAUTHIER J., BONANOMI G., CARRARO G., CHERUBINI P., CONEDERA M., GOBET E., MANETTI M.-C., MAZZA G., SCHWÖRER C., SPERISEN C., ALVAREZ N., GUGERLI F., TINNER W. , (2025). Genetic differentiation of *Abies alba* outside its main range under warm meso- and sub-Mediterranean conditions in Italy and Switzerland. *Ecology and Evolution*, 15:e70909.

257) CHERUBINI P., GISLER J., HUNZIKER S., SCHMITT M., THIMONIER A. , (2025). Ricerche a lungo termine sugli ecosistemi forestali al Sud delle Alpi: i risultati. *Schweizerische Zeitschrift für Forstwesen* 176, 68-71.

258) YANG J., FANG O., JIA H., ZHENG J., MU Y., CHERUBINI P. , (2025). Tree-ring width series of synchronously growing trees' classes effectively optimizes their climatic signal. *Agricultural and Forest Meteorology* 366, 110500.

259) LYU L., BÜNTGEN U., LI M.-H., YU K., PALOSSE A., ZHANG Q.-B., CHERUBINI P. , (2025). Intensifying neighbouring tree competition suppresses tree growth at the eastern Tibetan tree line. *Functional Ecology* 39, 1234-1246.

260) ZHU L., YUAN D., CAMARERO J.J., COOPER D., LI M.-H., LIU S., WANG X., CHERUBINI P. , (2025). Rapid escalation and release of risks to forest ecosystems triggered by warming: Insights from tree growth synchrony in temperate forests. *Forest Ecosystems* 13, 100336.

261) YUAN D., CHERUBINI P., ZHU L., LI M.-H., HUANG Y., WANG X., VON ARX G. , (2025). Coping with warming and drying climate: Xylem adjustment in four temperate diffus-porous tree species in northeastern China. *Agricultural and Forest Meteorology* 372, 110657.

262) PASSARDI S., CHERUBINI P., BUCKLEY B.M., LE CAHN N., GÄRTNER H. , (2025). Monsoon climatic signal is stronger in wood anatomical traits than in ring widths of *Fokienia hodginsii* in central Vietnam. *Dendrochronologia* 92, 126381.

263) YANG F., XIONG Y., WANG W., HU H., LAI M., ZHANG C., CAO J., ZHU L., FAN Q., ZHAO Y., WANG Z., ZHANG Y., LIANG H. QIN L., ZHANG T., CHERUBINI P., QIU G.Y., HUANG J.-G. , (2025). Land surface temperatures outperform gridded air temperatures in modeling forest growth across the Northern Hemisphere. *Agricultural and Forest Meteorology* 373, 110759.

264) PORTARENA S., SAURER M., BRUGNOLI E., FARINELLI D., CHERUBINI P. , (2025). Drought response strategies of Arbequina, Arbosana and Koroneiki olive cultivars revealed by ring growth, wood anatomy and $\delta^{13}\text{C}$ dynamics. *Frontiers Plant Science*, 16:1623127.

265) MONDANELLI L., CHERUBINI P., SALBITANO F., SAURER M., WACKER L., COCOZZA C. , (2025). Tree-ring width and isotope ratios show that high temperatures exceed pollution effects on urban trees: evidence in *Pinus pinea* in Firenze and Pisa, Central Italy. *Environmental Science and Pollution Research*, 37218.

2026

266) HE Q., CHERUBINI P., CAMARERO J.J., WANG X., ZHANG Y., YUAN D., LIU S., ZHU L. , (2026). Intra-annual density fluctuations in *Pinus massoniana* across subtropical forests in China: Occurrence patterns and triggering factors. *Agricultural and Forest Meteorology* 378, 110990

267) ISLAM N., VENNEMANN T., KOCSIS L., CHERUBINI P., LANE S., (2026). Intra-annual isotope variations in tree rings reveal climate change impacts on tree growth and water use in the Turtmann River Basin, Switzerland. *Ecohydrology* 19:e70172

268) BERNABEI M., STEFANI I., BÜNTGEN U., CARRER M., CHERUBINI P., CUFAR K., GRABNER M., GUIBAL F., LA PORTA N., MARTINELLI N., PIGNATELLI O., PFEIFER K., SEIM A., TEGEL W., TOPHAM J.C., WILSON R., FRANCESCHI P. , (2026). Tracing the origins of Stradivari's resonance wood. *Dendrochronologia* 95, 126480.

269) ZHU L., ZHANG X., CAMARERO J.J., CHEN Z., LI M., WANG X., CHERUBINI P. , (2026). East Pacific sea surface temperature anomalies shape early summer precipitation patterns in Northeast China since 1762. *Climate Dynamics* 64, 124.

270) SONG W., KLESSE S., GAMPE D., CAMARERO J.J., MENCUCCINI M., CHERUBINI P., LI Z., LIU H., WANG X., WU X. , (2026). Climate warming exacerbates moisture limitations of tree growth in water-limited forests and for drought-adapted tree species. *Agricultural and Forest Meteorology* 382, 111119.

271) LI N., HOU S., LI M.-H., QI X., ZHU L., LI J., CHERUBINI P., HU Z., WU Z., DONG R., WANG L., WANG Y., YUAN D., DU H. , (2026). Elevation gradient modulates the effects of herbaceous encroachment on the long-term growth trends and climate sensitivity of *Rhododendron aureum* in alpine tundra. *Journal of Plant Ecology* 19:rtaf181.

272) DELLA ROCCA G., CHTIOUI A., ABIDI F., ARCIDIACO L., CHERUBINI P., DANIELI A., TRAVERSARI S., TRENTANOVI G., BARBERINI S., DANTI R., EMILIANI G., MOYA B., CONTI N., BOUTITI ZOUAOUI M. , (submitted). The Numidian cypress (*Cupressus sempervirens* var. *numidica* Trabut): an endangered tree endemic of Tunisia. *Forests* 17, 438.

PAPERS IN OTHER JOURNALS

BONAMINI G., CHERUBINI P. , (1988). La raccolta meccanica degli strobili di Pino domestico (*Pinus pinea* L.): correlazioni con alcune caratteristiche dendrometriche degli alberi, *Quaderni dell'Istituto di Assestamento e Tecnologia Forestale dell'Università di Firenze*, 3, 19-35

PIVIDORI M., CHERUBINI P. , (1988). Analisi degli anelli annuali per valutare l'eventuale influenza della scuotitura meccanica degli strobili sull'accrescimento diametrico di popolazioni di *Pinus pinea* L., *Quaderni dell'Istituto di Assestamento e Tecnologia Forestale dell'Università di Firenze*, 3, 55-64

CHERUBINI P. , (1990). Inquinamento atmosferico e deperimento del bosco, *Le Scienze*, 261, 8-9

CHERUBINI P. , (1991). Ecologi e politici a difesa degli ecosistemi delle foreste, *Le Scienze*, 276, 6-8

CHERUBINI P. , (1991). Conoscenze e prospettive nel campo dell'ecologia forestale, *Parchi*, 4, 81-84

ARCARA P.G., CHERUBINI P. , (1992). Caratterizzazione della fertilità biologica dei suoli: attività fosfatiche. *Annali dell'Istituto Sperimentale per lo Studio e la Difesa del Suolo*, 20, 73-77

PERUZZI A., CHERUBINI P., CIOMEI D. , (1992). Problematiche e prospettive della produzione dei pinoli in provincia di Pisa, *Pisa Economica*, 47, 3, 23-40

ARCARA P.G., CHERUBINI P. , (1993). Il suolo negli ecosistemi forestali, *Parchi*, 8, 56-60

CHERUBINI P. , (1993). Gli alberi testimoni della storia del clima, *Le Scienze*, 303, 9-11

CHERUBINI P. , (1993). Selvicoltura subalpina in Svizzera, *Monti e Boschi*, 44, 6, 57

CHERUBINI P., BERLI S., SCHOCH W. , (1995). Analisi antracologiche per la ricostruzione della storia della vegetazione e degli incendi boschivi negli ultimi 7000 anni nelle Centovalli (Ticino, Svizzera). *Bollettino Società Ticinese Scienze Naturali*, 83, 1-2, 113-120

ARCARA P.G., BIDINI D., CHERUBINI P. , (1995). Effetti delle deposizioni acide su alcuni suoli di faggete toscane. *S.I.T.E. Atti*, 16, 491-493

CHERUBINI P. , (1995). Ricerche a lungo termine su ecosistemi forestali in Svizzera. *Monti e Boschi*, 46, 6, 58

CHERUBINI P. , (1996). Osservazioni sullo stato e sull'evoluzione dei boschi svizzeri. *Forestaviva*, 17, 4-9

CHERUBINI P., ZIERHOFER W., (1996). Bäume als Zeugen der Klimageschichte. *Spektrum der Wissenschaft*, 11, 122-124

CHERUBINI P. , (1996). Lo stato di salute delle foreste europee. *Le Scienze*, 339, 16-17

CHERUBINI P., FORSTER T. , (1997). Radiale Risse innerhalb der Jahrringe von lebenden Fichten. *Bündnerwald*, 50, 3, 69-74

CHERUBINI P. , (1997). Storia di due popolamenti di Abete rosso della Foresta di Paneveggio (Trentino) ricostruita con metodi dendroecologici. *Dendronatura*, 18, 1, 7-14

CHERUBINI P. , (1997). Come l'ozono danneggia le piante. *Le Scienze*, 349, 20-21

CHERUBINI P. , (1997). L'ozono in Ticino: provoca danni nel bosco? *Forestaviva*, 19, 7-12

- FERRETTI M., CHERUBINI P. , (1998). Il monitoraggio di lungo periodo per conoscere e gestire gli ecosistemi forestali. *Sherwood - Foreste ed alberi oggi* 37, 23-28
- RIGLING A., FORSTER B., WERMELINGER B., CHERUBINI P. , (1999). Waldföhrenbestände im Umbruch. *Wald und Holz*, 13, 8-12.
- RIGLING A., FORSTER B., WERMELINGER B., CHERUBINI P. , (2000). Les pinèdes sont en voie de mutation. *La Foret*, 53, 6, 13-17.
- KRÄUCHI N., CHERUBINI P. , (2000). Sulle tracce dei cambiamenti ambientali. Le ricerche a lungo termine sugli ecosistemi forestali. *Agricoltore Ticinese / Forestaviva*, 11, / 24, 16-20.
- CHERUBINI P. , (2000). Un archivio naturale. *Le Scienze Dossier*, 5, 86-87.
- CHERUBINI P. , (2001). Tree Rings and People: una conferenza sul futuro della dendrocronologia (Davos 22-26 settembre 2001), ovvero scienza e società. *Agricoltore Ticinese / Forestaviva*, 42 / 27, 22-23.
- COMUNELLO G., BEZZI M., CHERUBINI P., CIOLLI M., CANTIANI M.G. , (2001). Tecniche GIS e di dendrocronologia applicata per lo studio di aree potenzialmente soggette al rischio di valanghe. *Linea Ecologica - Economia Montana*, 33, 4, 58-62.
- BROGGI M.F., LANDOLT R., CHERUBINI P. , (2001). L'Istituto federale di ricerca WSL di Bimensdorf in Svizzera: punti di contatto con il mondo forestale italiano. *Sherwood - Foreste ed alberi oggi*, 67, 37-39.
- BROGGI M.F., LANDOLT R., CHERUBINI P. , (2001). L'Istituto federale di ricerca WSL di Bimensdorf in Svizzera: Punti di contatto con il mondo forestale italiano. *Il posatore*, 42, 56-58.
- CHERUBINI P. , (2002). Tree rings and people: gli anelli annuali degli alberi al servizio della società. *Monti e Boschi*, 53, 1, 48.
- ORTLOFF W., CHERUBINI P. , (2002). La ricerca sui danni nei boschi. *Agricoltore Ticinese / Forestaviva*, 12 / 28, 16-19.
- CHERUBINI P. , INNES J.L., SKELLY J.M., HUG C., SCHAUB M., KRÄUCHI N. , (2002). La divulgazione dei risultati di dieci anni di ricerca sui danni da ozono troposferico nei boschi in Svizzera. *Informatore Fitopatologico*, 52, 3, 48-51.
- SOLOMINA O., CHERUBINI P. , (2002). Tree rings and people - A "pointer year" for the tree-ring community? *PAGES News*, 10, 1, 23.
- LI M.H., CHERUBINI P. , (2002). Der Kronenverlichtung auf der Spur. *Informationsblatt Forschungsbereich Wald* 11, 4.
- FONTANA G., CHERUBINI P. , RIGLING D., DOBBERTIN M., BRANG P., INNES J.L. , (2003). Ricostruzione della storia di un popolamento di pino montano (*Pinus mugo* Turra) nel Parco Nazionale Svizzero: gli anelli annuali testimoni di azioni di disturbo antropiche e naturali. *Monti e Boschi*, 54, 6, 34-39.
- CHERUBINI P., GÄRTNER H., ESPER J., KAENNEL DOBBERTIN M., KAISER K.F., RIGLING A., TREYDTE K., ZIMMERMANN N.E., BRÄKER O.U. , (2004). Jahrringe als Archive für interdisziplinäre Umweltforschung. *Schweizerische Zeitschrift für Forstwesen*, 155, 6, 162-168.
- RIGLING A., WEBER P., CHERUBINI P., DOBBERTIN M. , (2004). Bestandesdynamik zentralalpiner Waldföhrenwälder aufgezeigt anhand dendroökologischer Fallstudien aus dem Wallis, Schweiz. *Schweizerische Zeitschrift für Forstwesen*, 155, 6, 178-190.
- FERRARI C., CHERUBINI P., MAGNANI S., PEZZI G. , (2005). Ecologia del limite altitudinale del bosco nell'Appennino settentrionale. *Informatore Botanico Italiano*, 37, 1-A, 210-211.
- MINERBI S., CESCATTI A., CHERUBINI P., HELLRIGL K., MARKART G., SAURER M., MUTINELLI C. , (2006). La siccità dell'estate 2003 causa di disseccamenti del pino silvestre in Val d'Isarco. *Forest Observer*, 2/3, 89-144.
- DOBBERTIN M., GIUGGIOLA A., LI M., CHERUBINI P. , (2007). Klimawandel und die Lärchen im Engadin. *Bündner Wald*, 60, 3, 17-21.
- CHERUBINI P. , (2007). Identificazione, monitoraggio e valutazione degli effetti dell'ozono sulla fisiologia e produttività della vegetazione agraria e forestale: il contributo della ricerca italiana. In: (Nali C., Ferretti M., eds.) *Ozono e vegetazione: il contributo della ricerca italiana*. I quaderni del Centro Enrico Avanzi dell'Università di Pisa, Felici Editore, Pisa, 4, 29-32.
- FAVILLI F., EGLI M., CHERUBINI P., MIRABELLA A., SARTORI G., GIACCAI D. , (2008). High Alpine landscape evolution in Val di Sole (Trentino, Italy) during the Holocene based on charcoal, soil chemistry and mineralogy. In: (C. Rithenbühler, ed.) *Klimaveränderungen auf der Spur* N°5. Europäisches Tourismus Institut (ETI) an der Academia Engiadina., 18-37.

FAVILLI F., EGLI M., SARTORI G., CHERUBINI P., BRANDOVA D., HAEBERLI W , (2009). Application of relative and absolute dating technique in the Alpine environment. *Studi Trentini di Scienze Naturali*, 85, 93-108.

CHERUBINI P., ROSSI L. , (2011). L'albero della vita. *Newton* 10, 76-85.

PERULLI G.D., PETERS R.L., VON ARX G., GRAPPADELLI L.C., MANFRINI L., CHERUBINI P. , (2022). Learning from the past to improve in the future: tree-ring wood anatomy as retrospective tool to help orchard irrigation management. *Acta Horticultura*, 1335. DOI 10.17660/ActaHortic.2022.1335.21.

DELLA ROCCA G., ABDOUN F., EMILIANI G., DANTI R., ARCIDIACO L., CHIAPPARINI M., GARCIA Z., PANDINI M., GARDIN L., GARDUMI G., PRADA O., MOYA J., MOYA B., CHERUBINI P. , (2024). S.O.S. Tarout - per la tutela degli ultimi Cipressi millenari del Sahara. *Sherwood Digital* 6, 120-128.

PAPERS IN ELECTRONIC JOURNALS

CHERUBINI P. , (2001). Il clima e gli anelli degli alberi. *Poetry Review* [published online]. Available from Internet <<http://www.alleo.it/poetry/poetsrivista.html>>. ISSN 1592-159X.

CIOLLI M., BEZZI M., COMUNELLO G., CHERUBINI P., CANTIANI M.G. , (2004). Integration of dendrochronology and GIS techniques to study avalanche phenomena. *Geomatics Workbooks* <<http://geomatica.comopolimi.it/workbooks/>>

LEONELLI G., COPPOLA A., SALVATORE M.C., BARONI C., BATTIPAGLIA G., GENTILESCA T., RIPULLONE F., BORGHETTI M., CONTE E., TOGNETTI R., MARCHETTI M., LOMBARDI F., BRUNETTI M., MAUGERI M., PELFINI M., CHERUBINI P., PROVENZALE A., MAGGI V. , (2017). Climate signals in a multispecies tree-ring network from central and southern Italy and reconstruction of the late summer temperatures since the early 1700s. *Clim. Past Discuss*. Doi:10.5194/cp-2017-48.

PAPERS IN PROCEEDINGS, BOOKLETS AND OTHER PUBLICATIONS (conference abstracts not included)

COSTANTINI E.A.C., LULLI L., PINZAUTI S., CHERUBINI P., SIMONCINI S. , (1990). Indagine sui caratteri funzionali del suolo che agiscono sulla qualità del vino, *Proceedings of the 10th Meeting "Contributi ed influenza della chimica nella produzione, conservazione e commercializzazione del vino"*, Istituto di Chimica Organica, Università degli Studi di Siena, 27-40

CHERUBINI P. , (1991). Ecologia forestale: stato dell'arte e prospettive della ricerca, *Proceedings of the Meeting "Italia - Ambiente" (Roma, 20-21 settembre 1991)*, Regione Lazio, 21-24

CHERUBINI P., COSTANTINI E.A.C., GREGORI E., MONTALBANO M. , (1992). Modelli interpretativi del territorio per la pianificazione dell'uso delle risorse naturali: un esempio di studio di "ecologia del paesaggio" per un ambiente calcareo della collina toscana, *Proceedings of the Meeting "Il bosco e i suoi valori: esperienze e prospettive per la pianificazione forestale" (Brasimone (BO), 14-15 novembre 1991)*, UNIF/ ENEA, 248-252

ARCARA P.G., CHERUBINI P. , (1992). Aspetti pedologici: caratteri ecofisiologici e perdite gassose di azoto, *Proceedings of the Meeting "Le riserve naturali casentinesi: ricerche preliminari ed osservazioni sullo stato sanitario" (Bologna, 18 novembre 1992)*, Regione Emilia Romagna, 113-127

PERUZZI A., DI CIOLO S., CINI E., CHERUBINI P. , (1995). Evoluzione delle macchine e degli impianti utilizzati nelle operazioni di post-harvesting degli strobili di Pino domestico, *Proceedings of the 5th Meeting A.I.G.R. "Il ruolo dell'ingegneria per l'agricoltura del 2000" (Maratea (PZ), 7-11 giugno 1993)*, 335-342

ARCARA P.G., CAMPOSTRINI F., CHERUBINI P., COSTANTINI E.A.C. , (1995). Caratteri funzionali del suolo e risposta quantitativa e qualitativa del vino Nobile di Montepulciano, *Proceedings of the Meeting "La ricerca sperimentale in corso per la Viticoltura in Toscana" (Siena, maggio 1993)*, Parretti Grafiche, Firenze, 31-33

CHERUBINI P. , (1995). Influenza della falda sull'accrescimento del Pino domestico, *Proceedings of the Meeting "Salvaguardia delle Pinete litoranee" (Grosseto, ottobre 1993)*, Regione Toscana - Accademia Italiana di Scienze Forestali, 38-39

CHERUBINI P. , (1997). La dendroecologia nella ricostruzione della storia di due popolamenti subalpini di abete rosso nella foresta di Paneveggio (Trentino). In: C. Urbinati, M. Carrer (eds.), *Dendroecologia: una scienza per l'ambiente tra passato e presente*, Atti del XXXIV Corso di Cultura in Ecologia, 145-153

INNES J.L., HUG C., CHERUBINI P. , (1997). Danni da ozono su piante forestali nel Ticino. In: *Inquinamento dell'aria e salute degli alberi. Convegno di studio al Centro scolastico e Vivaio forestale cantonale (Lattecaldo - Morbio Superiore, 13 giugno 1997)*, Dipartimento dell'istruzione e della cultura - Parco botanico del Canton Ticino, Bellinzona, 3-17.

CHERUBINI P., DOBBERTIN M. , (1997). The Swiss long-term forest ecosystem research: methods for reconstructing forest history. In: M. Borghetti (ed.), *Proceedings of the Meeting "La ricerca italiana per le foreste e la selvicoltura" (Legnaro (PD), 4-6 giugno 1997)*, Società Italiana Selvicoltura Ecologia Forestale, 19-22

CHERUBINI P. , (1998). Long-term forest growth trends reconstructed from tree rings: a potential sampling bias? In: A. Farina, J. Kennedy, V. Bossù (eds.), *Proceedings of the VII International Congress of Ecology INTECOL "New tasks for ecologists after Rio 1992" (Florence 19-25 July 1998, Italy)*, 85.

CHERUBINI P. , (1999). L'ozono nel bosco ticinese. In: (Cherubini P., Moretti G., eds.) *L'ozono nel bosco ticinese*. Istituto federale di ricerca per la foresta, la neve e il paesaggio (WSL); Sezione forestale, Dipartimento del territorio, Cantone Ticino; Birmensdorf, Bellinzona, 3,

INNES J.L., SKELLY J.M., HUG C., VANDERHEYDEN D.J., CHERUBINI P. , (1999). Danni da ozono su piante forestali in Ticino. In: (Cherubini P., Moretti G., eds.) *L'ozono nel bosco ticinese*. Istituto federale di ricerca per la foresta, la neve e il paesaggio (WSL); Sezione forestale, Dipartimento del territorio, Cantone Ticino; Birmensdorf, Bellinzona, 12-14.

INNES J.L., SKELLY J.M., CHERUBINI P. , (1999). L'ozono causa danni nel bosco ticinese. In: (Cherubini P., Moretti G., eds.) *L'ozono nel bosco ticinese*. Istituto federale di ricerca per la foresta, la neve e il paesaggio (WSL); Sezione forestale, Dipartimento del territorio, Cantone Ticino; Birmensdorf, Bellinzona, 19.

RIGLING A., CHERUBINI P., POUTTU A. , (1999). Forest decline in Scots pine stands in Visp (Valais, Switzerland). A dendroecological study. in: (Forster B., Knížek M., Grodzki W., eds.) *Methodology of forest insect and disease survey in Central Europe, Proceedings of the Second Workshop of the IUFRO WP 7.03.10, April 20-23, 1999, Sion-Châteauneuf, Switzerland*, Birmensdorf, Swiss Federal Institute for Forest, Snow and Landscape Research (WSL), 60-66.

INNES J.L., SKELLY J.M., HUG C., VANDERHEYDEN D.J., CHERUBINI P. , (2000). Ozon schädigt Waldbäume im Tessin. In (Cherubini P., Moretti G., Schaub M., Schnyder D., eds.) *Wie Ozon auf Mensch und Umwelt wirkt. Wanderausstellung PUBLOZON 2000 - mit neuesten Forschungsergebnissen zu Auswirkungen von Ozon auf den Tessiner Wald*. Birmensdorf, Eidgenössische Forschungsanstalt WSL., 8-10.

INNES J.L., SKELLY J.M., CHERUBINI P. , (2000). Langzeitrisiko für den Wald. In (Cherubini P., Moretti G., Schaub M., Schnyder D., eds.) *Wie Ozon auf Mensch und Umwelt wirkt. Wanderausstellung PUBLOZON 2000 - mit neuesten Forschungsergebnissen zu Auswirkungen von Ozon auf den Tessiner Wald*. Birmensdorf, Eidgenössische Forschungsanstalt WSL.,13.

CHERUBINI P., CIOLLI M., COMUNELLO G., ZATELLI P. (2000). Impiego di tecniche GIS e di dendrocronologia applicata per lo studio delle zone potenzialmente esposte al rischio di valanghe. *Informazione Geografica: innovazione e formazione*. Federazione delle Associazioni Scientifiche per le Informazioni Territoriali e Ambientali ASITA, Vol.1, 581-586.

THIMONIER A., SCHMITT M., CHERUBINI P., KRÄUCHI N. , (2001). Monitoring the Swiss forest: building a research platform. In: T. Anfodillo, V. Carraro (eds.), *Monitoraggio ambientale: metodologie ed applicazioni*. Atti del XXXVIII Corso di Cultura in Ecologia, 121-134.

BEZZI M., CANTIANI M.G., CIOLLI M., COMUNELLO G., CHERUBINI P. , (2003). Leggere gli anelli degli alberi per ricostruire la frequenza e l'estensione delle valanghe nel passato. *S.I.S.E.F. Atti*, 3, 147-152.

SAURER M., CHERUBINI P., SIEGWOLF R. , (2003) Changes in the water-use efficiency of trees under elevated CO₂ inferred from carbon isotope analysis. In: J. Stadler, I. Hensen, S. Klotz, H. Feldmann (eds.) *Biodiversity - from patterns to processes*. Verhandlungen der Gesellschaft für Ökologie, 33, 384.

CHIESI M., MASELLI F., BINDI M., FIBBI L., CHERUBINI P., ARLOTTA E., TIRONE G., MATTEUCCI G., SEUFERT G. , (2004). Integration of ground-based and remote sensing data to simulate forest carbon fluxes in a Mediterranean area. In: H. Hasenauer, A. Mäkelä (eds.) *Modeling Forest Production. Scientific Tools - Data Needs and Sources Validation and Application*. Department of Forest and Soil Sciences, BOKU University of Natural Resources and Applied Life Sciences, Vienna, 80-88.

WALDNER P., THIMONIER A., SCHMITT M., SCHAUB M., CHERUBINI P., KRÄUCHI M. , (2004). Langfristige Forschung zum besseren Verständnis der Atmosphären-Interaktionen und biogeochemischer Kreisläufe schweizerischer Waldökosysteme. In: W. Eugster, D. Hirsch-Hoffmann (eds), *Symposium der Kommission für Atmosphärenchemie und -physik (ACP) der SANW über Biosphere-Atmosphäre Exchange Research in Switzerland*. Sarnen, 6 October 2004. Villigen, Switzerland, Atmospheric Chemistry & Physics (ACP), Kommission der Schweizerischen Akademie der Naturwissenschaften (SANW), pp. 9-10. Available from World Wide Web: <<http://acp.web.psi.ch>>

CHERUBINI P., NÖTZLI M., STARY N., SAURER M., SIEGWOLF R., KRÄUCHI N., MINERBI S. , (2004). Tree rings reveal prolonged stress prior to drought-induced tree death. *Berichte Freiburger Forstliche Forschung*, 57, 34.

HAJDAS I., BONANI G., SCHLUMPF N., MINIKUS-STARY N., HAGEDORN F., SCHOCH W., CHERUBINI P., ECKMEIER E., BURGA C., SCHMIDT M. , (2005). Pre-Roman expansion of sweet chestnut based on 14C ages of charcoal from soils in Ticino, Switzerland. 10th International Conference on Accelerator Mass Spectrometry (Berkeley, CA, September 5-10, 2005). <<http://lnl.confex.com/lnl/portal.cgi?e=paolo.cherubini@wsl.ch&p=667715>>

LI M., SCHAUB M., CHERUBINI P., KRÄUCHI N. , (2005). Physiological and growth responses of *Abies alba* trees to defoliation. Ecological Society of America ESA 2005 Annual Meeting (Montréal, Canada). <<http://abstracts.co.allenpress.com/pweb/esa2005/document/?ID=47612>>

LEONELLI G., PELFINI M., CHERUBINI P. , (2006). Correlation between glaciers mass balances and tree growth: a case study from the Central Alps. *Geophysical Research Abstracts*, 8, 05898, SRef-ID: 1607-7962/gra/EGU06-A-05898.

CHERUBINI P. , (2006). Ricerca e formazione forestale: *status quo*. *Forest@*, 3, 3, 300-301. [online] URL: <http://www.sisef.it/>

NIKOLOVA P., VITALI V., CHERUBINI P., ZINGG A., BRANG P. , (2016). Radialzuwachs von Fichten im Randbereich grosser Verjüngungsöffnungen: ein Beispiel aus den Schweizerischen Alpen. Deutscher Verband Forstlicher Versuchsanstalten (DVFFA), Sektion Ertragskunde: Berichte zur Jahrestagung 2016, 150-157.

BOOK CHAPTERS

ARCARA P.G., CHERUBINI P. , (1996). L'attività biologica nel profilo di cinque suoli tipici dell'area del Vino Nobile di Montepulciano. In: F. Camprostrini, E.A.C. Costantini (eds.), *Vino Nobile di Montepulciano: zonazione e valorizzazione del territorio*, Regione Toscana, Firenze, 75-84

CHERUBINI P., INNES J.L. , (2000). Switzerland: The Swiss Long-term Forest Ecosystem Research Programme. In: (Gosz J.R., French C., Spratt P., White M. eds.) *The International Long Term Ecological Research Network 2000*. U.S. Long Term Ecological Research Network Office, University of New Mexico, Academy Printers, Albuquerque, New Mexico, USA, 56-59.

BERNABEI M., MARTINELLI N., CHERUBINI P. , (2019). Tree-Ring Analysis on Wooden Artifacts: What It Tell Us? In: G. Lazzara, R. Fakhrullin (Eds.) *Nanotechnologies and Nanomaterials for Diagnostic, Conservation, and Restoration of Cultural Heritage*. Elsevier, Amsterdam. 111-124.

BOSELA M., MERGANICOVA K., TORRESAN C., CHERUBINI P., FABRIKA M., HEINZE B., HÖHN M., KASANIN-GRUBIN M., KLOPCIC M., MESZAROS I., PACH M., STRELCOVA K., TEMPERLI C., TONON G., PRETZSCH H., TOGNETTI R. , (2022). Modelling future growth of mountain forests under changing environments. In: Tognetti R., Smith M., Panzacchi P. (Eds.) *Climate-Smart Forestry in Mountain Regions*. Managing Forest Ecosystems 40, Springer, 223-262.

BATTIPAGLIA G., CHERUBINI P. , (2022). Stable isotopes in tree rings of Mediterranean forests. In: Siegwolf R.T.W. , Brooks J.R., Roden J., Saurer M. (Eds.) *Stable isotopes in tree rings*. Tree Physiology 8, Springer, 604-629.

CHERUBINI P. , (2024). (La) Dendro. In: M. Marchetti (ed.), *Foreste e Società. Piccolo Dizionario di Gestione Forestale Sostenibile*, Compagnia delle Foreste, Arezzo, Italia, 167-168.

BOOKS

PERUZZI A., CHERUBINI P., GORRERI L., CAVALLI S. , (1998). Le pinete e la produzione dei pinoli dal passato ai giorni nostri, nel territorio del Parco di Migliarino, S. Rossore, Massaciuccoli. Ente Parco Regionale Migliarino, San Rossore, Massaciuccoli, Litografia Felici, Pisa, 134 pp.

SPECIAL ISSUES EDITED AS GUEST EDITOR

CHERUBINI P. , (Editor) (2002). Special issue "Tree Rings and People, an intentional conference on the future of dendrochronology", *Dendrochronologia* 20: 1-2, 248 pp.

BOOK REVIEWS

- CHERUBINI P. , (1990). Human influence on forest ecosystems development in Europe, *Le Scienze*, 258, 86-88
- CHERUBINI P. , (1992). Lebensraum Wald in Südtirol, ein vielfältiges Ökosystem, *Le Scienze*, 288, 95-96
- CHERUBINI P. , (1992). Die Fichte, *Le Scienze*, 290, 112-113
- CHERUBINI P. , (1995). Selvicoltura generale. *Le Scienze*, 322, 102
- CHERUBINI P. , (1997). Tree rings and Environment. Dendroecology. *Le Scienze*, 349, 116-117
- CHERUBINI P. , (2001). Applicazioni e prospettive per la ricerca forestale italiana. *Schweizerische Zeitschrift für Forstwesen* 152, 3, 102-103
- CHERUBINI P. , (2002). Il libro del mese. Recensione. *Informatore Fitopatologico*, 52, 3, 78.
- URBINATI C., CHERUBINI P. , (2002). Book Review: Schweingruber F.H. 2001. Dendroökologische Holzanatomie. Anatomische Grundlagen der Dendrochronologie. Eidgenössische Forschungsanstalt WSL, Birmensdorf - Verlag Paul Haupt, Bern. *Dendrochronologia*, 20, 1-2, 246.
- CHERUBINI P., LEV-YADUN S. , (2008). Review of "Growth dynamics of conifer tree rings: images of past and future environments" Ecological Studies, Volume 183, by E.A. Vaganov, M.K. Hughes, A.V. Shashkin, 2006. Springer-Verlag, Berlin, 354 pp., 139.05 €. *Quarterly Review of Biology*, 83, 119.
- LEV-YADUN S., CHERUBINI P. , (2008). Book review: Schweingruber, F.H., Börner, A., Schulze, E.-D. 2006. Atlas of woody plant stems. Evolution, structure, and environmental modifications. Springer-Verlag, Berlin, 229 pp., 74.85 €. *Journal of Vegetation Science*, 19, 893-894.

LETTERS TO SCIENTIFIC JOURNALS

- CHERUBINI P., TOGNETTI R. , (2001). Piante e CO₂. *Le Scienze*, 392, 8

EDITORIALS

- CHERUBINI P. , (2006). Ricerca e formazione forestale: *status quo*. *Forest@*, 3, 3, 300-301. [online]
- TOGNETTI R., CHERUBINI P. , (2009). Change is in the air: future challenges for applied forest research. *iForest*, 2, 56-58.
- CHERUBINI P. , (2009). A breakthrough in the history of *Dendrochronologia*. *Dendrochronologia*, 27, 1, 1.
- CHERUBINI P. , (2011). Editorial. *Dendrochronologia*, 29, 183.

OTHER PUBLICATIONS

- CHERUBINI P., (1996) Tree rings as records of the recent history of a subalpine Norway spruce (*Picea abies* (L.) Karst.) stand in the Paneveggio Forest (Trentino, Italian Eastern Alps). Ph.D. Dissertation, University of Basel, Basel, 70 pp.
- DOBBERTIN M., CHERUBINI P., RIGLING A. , (1997). Past and present forest dynamics (fact sheet 6). In: Kräuchi N. (ed.), *Long-Term Forest Ecosystem Research (9 fact sheets)*, also available in German, French and Italian, Swiss Federal Institute for Forest, Snow and Landscape Research, Birmensdorf, 4pp.
- CHERUBINI P., MORETTI G. , (eds.) (1999). L'ozono nel bosco ticinese. Istituto federale di ricerca per la foresta, la neve e il paesaggio (WSL); Sezione forestale, Dipartimento del territorio, Cantone Ticino; Birmensdorf, Bellinzona, 20 pp.

CHERUBINI P., MORETTI G., SCHAUB M., SCHNYDER D. , (eds.) (2000) Wie Ozon auf Mensch und Umwelt wirkt. Wanderausstellung PUBLOZON 2000 - mit neuesten Forschungsergebnissen zu Auswirkungen von Ozon auf den Tessiner Wald. Birmensdorf, Eidgenössische Forschungsanstalt WSL. 16 pp.

SCHAUB M., CHERUBINI P., KRÄUCHI N. , (2001). Ozon – Auswirkungen auf den Wald. Birmensdorf, Eidgenössische Forschungsanstalt WSL. 11 pp.

CHERUBINI P. , (2002). Publish or perish... in English. *WSLintern*, 1, 8.

SCHAUB M., CHERUBINI P., KRÄUCHI N. , (2004). Ozon – Auswirkungen auf den Wald. 2. Aufl. Birmensdorf, Eidgenössische Forschungsanstalt WSL. 11 pp.

BRANG P., CHERUBINI P. , KAENNEL DOBBERTIN M., GÜNTHARDT-GOERG M., KEMPF A., SCHAUB M., WEHRLI A., ZINGG A. , (2005). IUFRO-Weltkongress - Waldforschende down under. *WSLintern*, 5, 4-5.

WILFORD D.J., CHERUBINI P., SAKALS M.E., (2005). Dendroecology: a guide for using trees to date geomorphic and hydrologic events. B.C. Min. For., Res. Br., Victoria, B.C. Land Manage. Handb. No. 58. <<http://www.for.gov.bc.ca/hfd/pubs/Docs/Lmh/Lmh58.htm>>

FONTI P., EILMANN B., CHERUBINI P. , (2007). Report on the Workshop on Quantitative Wood Anatomy. *IAWA Journal*, 28, 3, 369.

CHERUBINI P. , (2010). Werner Schoch verlässt die WSL ... nach 33 Jahren!. *WSLintern*, 6, 13.

CHERUBINI P. , (2012). Dendrochronologia goes ISI. *Association for Tree-Ring Research Newsletter* 10, 5-6.

SCHWEINGRUBER F., CHERUBINI P., NOGLER P. , (2012). Nachruf auf Felix Kaiser - Ein Querdenker mit Humor und Biss. *WSLintern*, 5, 4.

FRANK D., CHERUBINI P. , (2013). In Memoriam Klaus Felix Kaiser 1947-2012. *Tree-Ring Research*, 69, 2, 103-104.

CHERUBINI P. , (2017). The importance of paper, paper recycling and reading papers on paper. *WSLintern*, 3, 2.

CHERUBINI, P. , (2019). In memory of Harold C. Fritts (1928-2019): His legacy. *Dendrochronologia*, 58, 125636.

URBINATI C., PIVIDORI M., CHERUBINI P. , (2020). "The answer, my friends ... is written in the rings": un ricordo di Fritz Hans Schweingruber (Fritz). *Forest@*, 17, 27-29.

VON ARX G., CHERUBINI P., FONTI P., NIEVERGELT D., SCHNEIDER L., TREYDTE K., VERSTEGE A., GÄRTNER H. , (2020). In Memoriam Fritz Hans Schweingruber 1936-2020. *Tree-Ring Research*, 76, 106-107.

GUGERLI F., RECKOWSKY U., CHERUBINI P. , (2025). Immer wieder Diskussionstoff: Autorschaft bei Publikationen. *WSLintern* 3, 16.

