



## Curriculum Vitae Europass



### Informazioni personali

Cognome/Nome **Calfapietra Carlo**

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Cittadinanza Italiana

Data di nascita 07-03-1973

Sesso M

Sito personale [www.carlocalfapietra.com](http://www.carlocalfapietra.com)

### Esperienza professionale

2020 – Direttore dell'Istituto di Ricerca sugli Ecosistemi Terrestri (IRET), CNR, Porano (TR)

2019 – Dirigente di Ricerca Istituto di Ricerca sugli Ecosistemi Terrestri (IRET) CNR, Porano (TR)

2018 – Direttore Facente Funzione Istituto di Biologia Agroambientale e Forestale (IBAF), CNR, Direttore Facente Funzioni Istituto di Ricerca sugli Ecosistemi Terrestri (IRET) CNR, Porano (TR)

2009 Ricercatore III Livello, Istituto di Biologia Agroambientale e Forestale (IBAF), CNR, Porano (TR)

2007 – 2009 Ricercatore t.d., Istituto di Biologia Agroambientale e Forestale (IBAF), CNR, Montelibretti (Roma)

2005 – 2007 Honorary Fellow-Ricercatore t.d. Marie Curie (Host Prof. Tom Sharkey) University of Wisconsin-Madison, Department of Botany, USA; Università della Tuscia, Dipartimento di Scienze Forestali e sue Risorse, Italy

2002 – 2005 Assegni di Ricerca Post-doc (Supervisore Prof. Giuseppe Scarascia Mugnozza) Università della Tuscia, Dipartimento di Scienze Forestali e delle sue Risorse, Viterbo,

1999 – 2002 Studente di Dottorato di Ricerca in Ecologia Forestale, Università di Padova

1998 Co.co.co. presso Dipartimento di AgroBiologia e Agrochimica, Università della Tuscia, Viterbo

Lavoro o posizione ricoperti  
Principali attività e responsabilità  
Nome e indirizzo del datore di lavoro  
Tipo di attività o settore

### Istruzione e formazione

Date 2002 Dottorato di ricerca in Ecologia Forestale presso l'Università di Padova conseguito il 14 Febbraio  
1998 Laurea in Scienze Forestali, Università della Tuscia, Viterbo (voto 110/110 e lode) conseguito il 23 Aprile  
1993 Diploma di Flauto Traverso, presso il Conservatorio Statale di Musica di Perugia conseguito il 1 Ottobre  
Maturità Scientifica conseguita presso il Liceo Scientifico "P. Rufini" di Viterbo

Titolo della qualifica rilasciata

Principali tematiche/competenza professionali possedute  
Nome e tipo d'organizzazione erogatrice dell'istruzione e formazione  
Livello nella classificazione nazionale o internazionale

## Capacità e competenze personali

Campi di interesse: Infrastrutture verdi, Foreste urbane, Sostenibilità e resilienza urbana, Ecofisiologia in relazione agli stress, Adattamento-mitigazione al cambiamento globale, inquinamento atmosferico, Flussi di Carbonio e di GHG, VOC, piantagioni forestali, incendi boschivi, ambienti estremi

Madrelingua **Italiano**

Altre lingue **Inglese**

Autovalutazione <i>Livello europeo</i> (*)	Comprensione		Parlato		Scritto
	Ascolto	Letture	Interazione orale	Produzione orale	
<b>Lingua</b> <b>Lingua</b>	C2	C2	C2	C2	C2

(\*) *Quadro comune europeo di riferimento per le lingue*

## Ulteriori informazioni

10"TOP- ACHIEVEMENTS" della CARRIERA

- H-Index: 41 (Google-Scholar); 34 (Scopus); 34 (WoS); Citazioni: 4645 (Google-Scholar);
- Marie Curie OIF (Outgoing International Fellowship) 2005 – 2007 (USA-Italia)
- Chair della COST Action FP1204 (una delle più grandi COST Action di sempre) 2013 – 2017
- 6 Invited Keynote Speech in International Conferences 2012 – oggi
- Più di 4M€ di fondi acquisiti negli ultimi 5 anni
- Nomina nel Science Europe LEGS Committee (selezione Europea basata sulla Eccellenza scientifica) 2013 – 2016
- Nomina a Co-Chair dell'Expert Working Group NBS selezionato da EKLIPSE EU Commission-DG Research 2016 – 2017
- Membro di Czechglobe, Centro di Eccellenza per lo studio dei cambiamenti climatici 2010 – oggi
- Referente dell'Area Progettuale del CNR "Gestione sostenibile ed efficiente delle risorse naturali, degli ecosistemi" 2014 – oggi
- Professore a contratto presso Università italiane e in curricula internazionali in diversi anni dal 2008 ad oggi

- SUPERVISIONE DI PhD E POSTDOC e TUTORAGGIO DI TESI  
2002 – 2017 Numero di Postdocs: 5 (Gabriele Guidolotti, Emanuele Pallozzi, Olga Gavrickova, Gregorio Sgrigna, Silvia Portarena)/ PhD: 7 (Arianna Morani, Gregorio Sgrigna, Ilaria Lusini, Mauro Medori, Enrica Nestola, Raffaella Esposito, Federica Revoltella)/ Laureandi: 20  
Supervisione presso Università della Tuscia; University of Wisconsin-Madison; CNR-IBAF

- INCARICHI DI INSEGNAMENTO (con contratti)  
2015 – oggi Professore a contratto in "Trees and plants to improve air quality of urban areas" nella dual degree "Management and design of urban green infrastructure" in collaborazione tra l'Università della Tuscia e la RUDN Moscow University (contratti del 2 Ottobre 2015 e del 14 Settembre 2016)  
2013 – 2015 Professore a contratto presso l'Università della Tuscia, Viterbo, per il corso "Alberi e Foreste per il miglioramento dell'ambiente urbano" (contratti del 25 Novembre 2013 e del 20 Ottobre 2014)  
2008 – 2010 Supervisore del laboratorio di tesi al corso di Laurea "Pianificazione e Gestione dell'Ambiente" a Bracciano (Rome) in collaborazione tra l'Università "La Sapienza" Roma e l'Università della Tuscia, Viterbo (attestato del 11 Luglio 2008 e contratto del 10 Marzo 2009)  
2008 – 2009 Professore a contratto in Urban Forestry alla International Dual Degree "Environmental Science for Large Urban Areas" in collaborazione tra l'Università della Tuscia, Italy e la PACE University, New York, USA (contratto del 28 Ottobre 2009)  
2005 – oggi Invitato a tenere seminari e lezioni in molte Università/Istituzioni in Europa e USA

- ORGANIZZAZIONE DI MEETINGS SCIENTIFICI  
2017 Organizzatore e Chair dell'International Conference "Green Infrastructure: Nature Based

Solutions for Sustainable and Resilient Cities" Orvieto 4-7 Aprile (+400 partecipanti registrati)

[www.greeninurbs.com/finalconference](http://www.greeninurbs.com/finalconference)

2016 Organizzatore e Chair dell'International Workshop e side event all' IFLA World Congress "Green Infrastructures and Urban Forests in the Urban Planning: New Approaches and Challenges" Torino, 18-19 Aprile (circa 100 partecipanti tra cui Amministratori, Architetti e Scienziati del calibro di Piero Fassino, Francesco Rutelli, Celia Blauel vice-sindaco di Parigi, Franco Zagari, Tom Armour, Josep Acebillo). <http://www.greeninurbs.com/green-infrastructure-urban-forest-in-the-urban-planning-new-approaches-and-challenges/>

2014 Organizzatore dell' International Workshop "Green Infrastructures and urban forests for improving the environment and the quality of life" Roma, 17 Novembre (circa 100 partecipanti)

2010 Organizzatore dell' International Summer School on "Life in Extreme Environments" in Pieve Tesino, Italy (40 studenti, 13 Insegnanti)

2009 Organizzatore dell' International Workshop on "Life In Extreme Environments" Viterbo, 25 Giugno (30 partecipanti)

#### • RESPONSABILITA' ISTITUZIONALI INTERNAZIONALI

2013 – 2016 Membro dello Scientific Committee "Life, Environmental and Geosciences" di Science Europe (Lettera di apprezzamento del Presidente del CNR Nicolais prot. 0015740 del 18/03/2013)

2010 – oggi Membro del Centro di Eccellenza "Czechglobe" for studies on Climate Changes of the AVCR, Brno, CZ (contratti di membership in tutti gli anni)

2015 – oggi Focal Point Italiano della ICOS-Research Infrastructure Integrated Carbon Observation System (attestazione direttore prot. 0000778 del 28/02/2017)

2015 – oggi Delegato supplente Italiano presso EUROPARC (prot. 0017674 del 16/03/2015)

2015 Committee member di PhD thesis alla University of Copenhagen (candidato: Michelle Schollert)

2015 Opponent di PhD thesis alla University of Helsinki (candidato: Juho Aalto)

2013 Committee member di PhD thesis alla University of Tartu, Estonia (candidato: Zhihong Sun)

2013 Committee member di PhD thesis alla Technical University of Denmark (candidato: Kristine Stove Boesgaard)

2013 Committee member di 2 PhD theses alla University of Antwerp, Belgium (candidati: Laura Broeckx e Melanie Verlinden)

2012 Opponent for PhD thesis alla University of Eastern Finland (candidato: Maarit Mäenpää)

2007 – 2011 Management Committee Member della COST Action FP0701 "Post-fire Forest Management in Southern Europe" (attestazione del Direttore IBAF del 13 Marzo 2008)

2003 – 2006 Segretario Scientifico dell'FP6 project "EUROFACE" (attestazione del coordinatore del progetto del 01/05/2003)

#### • RUOLI e RESPONSABILITA' ALL'INTERNO DEL CNR O PER IL CNR

2014 – oggi Responsabile del Progetto e successivamente Referente dell'Area Progettuale CNR "Gestione sostenibile ed efficiente delle risorse naturali, degli ecosistemi e della biodiversità" (prot. 0002090 del 08/01/2014 ed email del Direttore di Dipartimento DTA del 23/10/2015)

2016 – oggi Membro del Consiglio di Istituto (IBAF, membro eletto con il maggior numero di voti, Decreto di Nomina del Direttore del 22/02/2016)

2016 Membro della Commissione di Concorso BANDO N. 368.24 RIC - Area Strategica Risorse Naturali ed Ecosistemi per l'assunzione con contratto di lavoro a tempo pieno e indeterminato di n. 3 unità di personale con profilo di Ricercatore - III livello professionale, presso Strutture del CNR (pec Presidente CNR Inguscio del 08/08/2016)

2016 – oggi Membro supplente del Comitato Tecnico Nazionale MAB-UNESCO presso il Ministero dell'Ambiente (pec del Ministero Ambiente del 12/07/2016)

2015 Membro della commissione per l'assunzione di un Tecnologo t.d. presso IBAF di Monterotondo (prot. 0002990 del 17/11/2015)

2015 Membro della commissione per l'assunzione di un Ricercatore t.d. presso IBAF di Porano (prot. 0002984 del 17/11/2015)

2014 – oggi Responsabile scientifico della Stazione di Capodimonte (sito Associato RI-ICOS), unica stazione eddy covariance al mondo che misura in continuo flussi tra ecosistema urbano e atmosfera di CO<sub>2</sub>, CH<sub>4</sub>, NO<sub>x</sub>, PM, O<sub>3</sub>, N<sub>2</sub>O, VOC<sub>x</sub> (attestazione Direttore prot. 0000781 del 28/02/2017)

2013 – 2016 Responsabile della Commessa TA.P02.002 Cambiamento globale e vegetazione terrestre: Scambi atmosfera-biosfera (email Direttore DTA del 12/04/2013)

2013 Membro del gruppo di lavoro CNR relativamente al progetto di ampliamento dell'aeroporto A. Vespucci di Firenze (email del coordinatore del GdL del 07/08/2013)

2010 – Preposto del laboratorio di scambi gassosi dell'IBAF UOS di Montelibretti (prot. 0001138 del 19/07/2010)

2010 – oggi Presidente e membro di numerose commissioni per Borse di Studio CNR e Assegno di Ricerca

- MEMBRO DEGLI EDITORIAL BOARD DI RIVISTE INTERNAZIONALI  
2014 – oggi Editorial Board di Journal of Ecosystem Health and Sustainability  
2014 – oggi Editorial Board di AIMS Environmental Science  
2012 – oggi Editorial Board di The Scientific World Journal  
2011 – 2016 Editorial Board di the Journal of Environmental Quality  
2010 – oggi Editorial Board di Open Forest Science Journal

- EDITORE DI LIBRI O DI SPECIAL ISSUE  
2017 Co-Editor del Libro "The Urban Forest Cultivating Green Infrastructure for People and the Environment Editors: Pearlmutter, D., Calfapietra, C., Samson, R., O'Brien, L., Krajter Ostoić, S., Sanesi, G., Alonso del Amo, R. (Eds.) Springer, 2017  
<https://www.springer.com/gp/book/9783319502793>  
2017 Guest Editor Special Issue intitolato "Green Infrastructures: Nature Based Solutions for Sustainable and Resilient Cities" in stampa su Urban Forestry Urban Greening (IF: 2,0) tra il 2017 e il 2018 <https://www.journals.elsevier.com/urban-forestry-and-urban-greening/news/special-issue-in-preparation-green-infrastructure-nature-bas>  
2016 Guest co-Editor Special Issue: "The Urban Forest and Ecosystem Services: Tree, Street and City Scale" Journal of Environmental Quality (IF: 2,65)

- ATTIVITA' DI REVISORE E VALUTATORE  
2017 Revisore di progetti per European Science Foundation  
2017 Revisore di progetti per Sardegna Ricerche  
2015 – 2016 Revisore di progetti per Austrian Science Fund  
2016 Revisore di progetti per il Belmont Forum initiative  
2015 Revisori di progetti per il MISE  
2011 – 2017 Revisore di progetti per Ministry of Education and Research of Romania  
2012 Revisore di progetti per MIUR  
2012 Revisore di progetti per Ministry of Education and Research of Estonia  
2012 & 2016 Revisore di progetti per FWO, Belgium  
2011 – 2016 Revisore di progetti per NSF, USA  
2010 Valutatore degli Istituti della Academy of Sciences of Czech Republic  
2009 Membro del Panel di Valutazione per la ANR Call "La 6ème Extinction", France  
2003 – oggi Referee per i seguenti Journals: Plant Physiology, New Phytologist, Global Change Biology, Oecologia, Environmental Science & Technology, Plant Cell & Environment, Tree Physiology, Environmental Pollution, Atmospheric Environment, Functional Plant Biology, Plant Pathology, Annals of Forest Science, Journal of Environmental Management e molti altri

- MEMBRO DI SOCIETA' SCIENTIFICHE  
2013 – 2016 Membro del Scientific Committee "Life, Environmental and Geosciences" di Science Europe ([www.scienceeurope.org](http://www.scienceeurope.org))  
2013 – oggi Membro del Marie-Curie Alumni Association  
2012 – oggi Membro del European Plant Science Organization  
2008 – oggi Membro di SISEF Società Italiana di Ecologia e Selvicoltura

- MAGGIORI COLLABORAZIONI INTERNAZIONALI IN CORSO  
Reinhart Ceulemans, Climate change effects on vegetation, University of Antwerp, Belgium  
Ülo Niinemets, Plant physiology and BVOC emission, University of Tartu, Estonia  
Josep Peñuelas, BVOC emission, CREAM, Spain,  
David Nowak, Urban Forestry modeling, USDA, USA  
Tom Sharkey, BVOC emission, Michigan State University, USA  
Ana Isabel Miranda, Air quality modeling, University of Aveiro, Portugal  
Stephen Livesley, Urban forest management and physiology, University of Melbourne, Australia  
Elina Oksanen, Plant biochemistry and metabolomics, University of Eastern Finland, Finland  
Abhishek Tiwary, Air quality modeling, University of Southampton, UK  
Ana Rey, Plant Physiology, CSIC, Spain  
Michal Marek, Climate change effects on plant physiology, AVCR, Czech Republic  
John Gamon, Remote sensing and fluxes, University of Alberta, Canada  
Jill Farrant, Dry environment, University of Cape Town, South Africa  
Stanislaw Gawronski, Urban Pollution, Warsaw University of Life Sciences, Poland  
Arne Saebo, Urban air quality, Bioforsk, Norway  
David Pearlmutter, urban climatology, Ben-Gurion University, Israel  
Ruediger Grote, Modeling, KIT, Germany

• PARTECIPAZIONE COME PI A PROGETTI E RUOLO

2003 – 2005 EU Programme “EUROFACE”, An integrated european scientific infrastructure for global change studies on forest and agroforest ecosystems utilising FACE technology. (Scientific Secretary)  
2005 – 2007 European Marie-Curie OIF Fellowship “GLOBALVOC”, Understanding global change effects on VOC emission in Populus from eco-physiological to molecular level (Coordinator)  
2007 – 2012 COST Action FP0701 “Post-fire Forest Management in Southern Europe” (MC member)  
2008 – 2011 EC Programme “CAREX”, A European platform for research on life in extreme environments (OU Responsible, SC member)  
2008 – 2012 EC Programme “HEREPLUS”, HEalth Risk from Environmental Pollution Levels in Urban Systems (OU Responsible)  
2008 – 2011 EC – Industry-Academia Partnerships and Pathways programme. “PTR-TOF – Application of innovative PTR-TOF mass spectrometry in plant biology, environmental science and food/food packaging”  
2010 – 2015 EC-CZECHGLOBE – Global Change Research Centre of Excellence (member)  
2011 – 2012 CNR-CSIC bilateral project on Carbon Losses from semiarid ecosystems (OU Responsible)  
2011-2015 RIFORTER Studio di Riqualificazione della FOResta urbana per il miglioramento della qualità dell’aria della conca ternana (Coordinator)  
2012 – 2015 PON I-AMICA “Infrastruttura di Alta tecnologia per il Monitoraggio Integrato Climatico-Ambientale” (WP and OU Responsible, SC member)  
2012 – 2016 Progetto “RITMARE -Ricerca italiana per il mare” (OU Responsible)  
2013 – 2015 CNR – AVCR Bilateral project on BVOC emission under extreme climatic conditions (OU Responsible)  
2013 – 2016 CZ-MSMT Assessing interactions between Volatile Organic Compounds (VOC) and ozone in forests under extreme climatic events (Coordinator)  
2013 – 2015 Commessa CNR TA.P02.002 Cambiamento globale e vegetazione terrestre – Scambi atmosfera-biosfera (Coordinator)  
2013 – 2017 COST Action FP1204 GreenInUrbs “Green Infrastructure approach: linking environmental with social aspects in studying and managing urban forests” (Coordinator, Chair)  
2014 – 2017 MIUR-PRIN project “Modelli innovativi di analisi dei servizi ecosistemici nell’ambito di formazioni boschive urbane e periurbane (NEUFOR)” (OU Responsible)  
2014 – 2018 Nextdata related project “Carbon and water fluxes in mountain forest and grassland ecosystems from leaf to eco system level: effects of climate variability and management” (Coordinator)  
2015-2016 ARCA-Artico: cambiamento climatico attuale ed eventi estremi del passato (OU Responsible)  
2015-2018 PALMO Piani di Adattamento Locale in ambito Montano Mediterraneo (Coordinator)  
2015-2019 EU (H2020) ECOPOTENTIAL: improving future ecosystem benefits through earth observations (OU Member)  
2016-undefinite ICOS-Reseach Infrastructure Integrated Carbon Observation System (Italian Focal Point)  
2016 – 2019 Smart-Cities project SWaRM – Smart Water Resource Management (WP Responsible)  
2016 H2020-EKLIPSE Knowledge and Learning mechanisms on Biodiversity and Ecosystem Services (Co-chair of the Expert WG on Nature Based Soluions requested by DG Research)  
2017 – 2019 Era4CS Serv\_ForFIRE Integrated services and approaches for assessing effects of climate change and extreme events for fire and post fire risk prevention (Member of Coordination team)  
2018 – 2023 H2020-NBS-ProGIReg Productive Green Infrastructure for post-industrial urban regeneration (WP Leader, Coordination Team)

• INVITI A CONFERENZE INTERNAZIONALI

Keynote Speaker

2017 Titolo da confermare, 10th Air Pollution and Global Change Symposium, 12-15 Luglio (Munich)  
2016 Monitoring and assessing air quality in urban park, Megacities 2050 Conference, 12-14 Settembre (Moscow)  
2016 Valuation of Green Infrastructure’s and urban forests’ environmental benefits for improved governance, European Symposium of Albi Hortis-WUP, 5-7 Ottobre (Albi, France)  
2014 Actual State of Work COST Action FP1204, European Forum of Urban Forestry, 3-7 Giugno (Lausanne)  
2013 Role of biogenic volatile compounds emitted by urban trees on ozone formation cities, Urban Environmental Pollution Conference, 17-20 Novembre (Beijing)  
2012 Role of biogenic volatile compounds emitted by urban trees on ozone formation cities, Urban Environmental Pollution Conference, 17-20 Giugno (Amsterdam)

#### Invited Speaker

2017 Titolo da confermare, Final HYPI Conference 'New Perspectives in Modeling and Measurement of Biogenic Volatile Organic Compounds Emissions by Remote Sensing', 15-16 Giugno, (Antwerp)  
2017 GreenInUrbs and Nature Based Solutions-State of the Art. EUSALP Action Group Forum, 14-16 Febbraio (Garmisch).

2014 GreenInUrbs: Green Infrastructure approach, linking environmental with social aspects in studying and managing urban forests, European Congress of Arboriculture (ISA), 26- 28 Maggio (Turin)

2013 Role of biogenic volatile organic compounds (BVOC) emitted by urban trees on ozone formation in urban and rural environments, Global Change and Resilience, (Brno)

2013 GreenInUrbs: Green Infrastructure approach, linking environmental with social aspects in studying and managing urban forests, European Forum on Urban Forestry, 7-11 Maggio (Milan)

2013 Perspectives from Science Europe on future research on forest and climate change, Priorities for forest adaptation to climate change and air pollution, 29 Ottobre (Brussels)

2013 Research priorities in biosphere-atmosphere exchanges in urban environment and in forest fires Joint workshop CNR-Max Planck "Integration and partnership in Science and Technology: state of the art and future Perspectives", 15-16 Giugno (Villa Vigoni)

2009 Elevated CO<sub>2</sub> and interactions with nitrogen in forest plantations. Workshop "The impact of nitrogen on the forest carbon cycle", 26-27 Febbraio (Stockholm)

#### Chair

2015 Chair della Sessione "Impacts of air pollution and climate change on forests in the wildland-urban interface" at the IUFRO International Congress Global Challenges of Air Pollution and Climate Change to Forests, 1-5 Giugno (Nice)

2014 Chair della sessione "Good Practices examples" alla EU-EaP STI Policy Stakeholders Conference, 15-16 Maggio (Yerevan, Armenia)

2011 Chair della sessione "Contributions of life in extreme environments to biogeochemical cycles and responses to environmental change" alla International CAREX Conference on Life in Extreme Environments, 18-20 Ottobre (Dublin)

#### •PREMI E INCARICHI DI PRESTIGIO

2016 – 2017 Co-Chair dell'Expert Working Group Nature Based Solutions (NBS) selezionato da H2020EKLIPSE-EU Commission/DG Research ([http://www.eclipse-mechanism.eu/nbs\\_report](http://www.eclipse-mechanism.eu/nbs_report))

2013 – 2015 Membro dello Scientific Committee "Life, Environmental and Geosciences" di Science Europe (Selezione Europea basata sull'eccellenza; (Lettera di apprezzamento del Presidente del CNR Nicolais prot. 0015740 del 18/03/2013, [www.scienceeurope.org](http://www.scienceeurope.org))

2014 Selezionato nella lista finale per la nomina di direttore del Birmingham Institute of Forest Research (BIFoR) della University of Birmingham (UK) (email del comitato di selezione del 22/10/2014)

2014 – 2020 Abilitazione a Professore II fascia settore 07/B2 (In corso domanda per Professore Ordinario) (<https://abilitazione.cineca.it/ministero.php/public/esitoAbilitati/settore/07%252FB2/fascia/2>)

2010 – oggi Membro dell' EU-Funded (40 M€) Centro di Eccellenza dell'Accademia delle Scienze della Rep. Ceca "Czechglobe" per lo studio Sui Cambiamenti Climatici (contratti di membership in tutti gli anni)

2005 – 2007 Marie Curie OIF Fellowship: University of Wisconsin-Madison, Department of Botany, USA; Università della Tuscia, Department of Forest Resources, Italy (Letter EC del 21 Aprile 2005)

2005 Cultore della Materia in Ecofisiologia Forestale, Università della Tuscia (Verbale Consiglio di Facoltà di Agraria del 10/02/2005)

2003 Vincitore Premio "Idea-Impresa" Bic-Lazio, Italia (graduatoria pubblicata sul sito Bic-Lazio il 26/05/2003)

#### •INTERVISTE SU ORGANI DI INFORMAZIONE

Intervista a Repubblica pubblicata in prima pagina di Repubblica.it il 3 Novembre 2016

[http://www.repubblica.it/scienze/2016/11/03/news/una\\_citta\\_salvata\\_dagli\\_alberi-151236781/?ref=HREC1-15](http://www.repubblica.it/scienze/2016/11/03/news/una_citta_salvata_dagli_alberi-151236781/?ref=HREC1-15)

Intervista per il programma RAI Memex e in replica su RAI 2 in onda il 12 Dicembre 2015

<http://www.raiscuola.rai.it/articoli/memex-il-futuro-degli-ecosistemi/31924/default.aspx>

•PUBBLICAZIONI

2018

- NOGUES I, MEDORI M, FORTUNATI A, LELLEI-KOVÁCS E, KRÖEL-DULAY G, CALFAPIETRA C. 2018. Leaf gas exchange and isoprene emission in poplar in response to long-term experimental night-time warming and summer drought in a forest-steppe ecosystem. *Environmental and Experimental Botany*, in press.
- PALLOZZI E, LUSINI I, CHERUBINI L, HAJIAGHAYEVA RA, CICCIOLO P, CALFAPIETRA C\* 2017. Differences between a deciduous and a conifer tree species in gaseous and particulate emissions from biomass burning. *Environmental Pollution*, in press.
- NESTOLA E, SCARTAZZA A, DI BACCIO D, CASTAGNA A, RANIERI A, CAMMARANO M, MAZZENGA F, MATTEUCCI G, CALFAPIETRA C. 2017. Are optical indices good proxies of seasonal changes in carbon fluxes and stress-related physiological status in a beech forest? *Science of the total environment*, in press.

2017

- GAVRICHKOVA O, LIBERATI D, GUNINA A, GUIDOLOTTI G, DE DATO G, CALFAPIETRA C, DE ANGELIS P, BRUGNOLI E, KUZYAKOV C. 2017. Does long-term warming affect C and N allocation in a Mediterranean shrubland ecosystem? Evidence from a <sup>13</sup>C and <sup>15</sup>N labeling field study. *Environmental and Experimental Botany* 141: 170-180.
- RAYMOND CM, FRANTZESKAKI N, KABISCH N, BREIL M, BERRY P, RAZVAN NITA M, GENELETTI D, CALFAPIETRA C. 2017. A framework for assessing and implementing the co-benefits of nature-based solutions in urban areas. *Environmental Science and Policy*, 77: 15-24.
- SCARTAZZA A, MOSCATELLO S, GAVRICHKOVA O, BUIA MC, LAUTERI M, BATTISTELLI A, LORENTI M, GARRARD SL, CALFAPIETRA C, BRUGNOLI E. 2017. Carbon and nitrogen allocation strategy in *Posidonia oceanica* is altered by seawater acidification. *Science of the total environment*, 607: 954-964.
- SAMSON R, GROTE R, CALFAPIETRA C, CARINANOS P, FARES S, PAOLETTI E, TIWARY A. 2017. Urban Trees and Their Relation to Air Pollution. In: Pearlmutter D., Calfapietra C, Samson R, O'Brien L, Krajter Ostoic S, Sanesi G, Alonso del Amo R eds. "The Urban Forest – Cultivating Green Infrastructure for People and the Environment", Springer, pp. 21-30.
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**Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo, 30 giugno 2003 n. 196 "Codice in materia di protezione dei dati personali".**

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Carlo Calfapietra