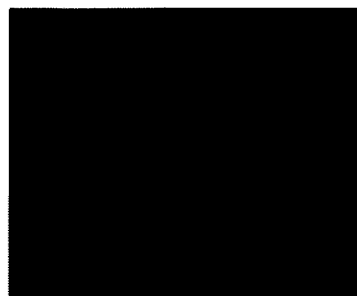


PERSONAL INFORMATION **Carlo Calfapietra**


 [Redacted]  
 [Redacted]  
 [Redacted]  
 [www.carlocalfapietra.com](http://www.carlocalfapietra.com)

Sex M | Date of birth [Redacted] Nationality Italian

## WORK EXPERIENCE

2020 – Director of CNR Institute of Research on Terrestrial Ecosystems (IRET)  
 2019 – Research Director at CNR Institute of Research on Terrestrial Ecosystems (IRET)  
 2018 – Acting Director at CNR Institute of Agroenvironmental and Forest Biology (IBAF) - Acting Director at CNR Institute of Research on Terrestrial Ecosystems (IRET)  
 2009 Researcher, Institute of Agro-Environmental and Forest Biology (IBAF), CNR, Porano (TR)  
 2007 – 2009 Temporary Researcher, Institute of Agro-Environmental and Forest Biology (IBAF), CNR, Montelibretti (Roma)  
 2005 – 2007 Honorary Fellow-Temporary Researcher. Marie Curie University of Wisconsin-Madison, Department of Botany, USA; Università della Tuscia, Dipartimento di Scienze Forestali e sue Risorse, Italy  
 2002 – 2005 Post-doc contracts Università della Tuscia, Dipartimento di Scienze Forestali e delle sue Risorse, Viterbo,  
 1999 – 2002 PhD student in Forest Ecology, Università di Padova

## EDUCATION AND TRAINING

1999-2002  
 Doctoral Degree in Forest Ecology obtained on 14 February 2002 at Università di Padova, Italy 1991-1998  
 University degree in Forestry obtained on 23 April 1998 at Università degli Studi della Tuscia, Viterbo, Italy.  
 Evaluation score 110/110 cum laude.  
 1986-1993  
 Musical degree in Flute obtained on 01 October 1993 at the State Music Conservatorium of Perugia, Italy  
 1986-1991  
 Bachelor Degree "Maturità Scientifica", Liceo Scientifico P. Ruffini Viterbo, Italy

## PERSONAL SKILLS

MOTHER TONGUE(S) Italian

## OTHER LANGUAGE(S)

|                  | UNDERSTANDING |             | SPEAKING           |                   | WRITING     |
|------------------|---------------|-------------|--------------------|-------------------|-------------|
|                  | LISTENING     | READING     | SPOKEN INTERACTION | SPOKEN PRODUCTION |             |
| English language | ENTER LEVEL   | ENTER LEVEL | ENTER LEVEL        | ENTER LEVEL       | ENTER LEVEL |
|                  | C2            | C2          | C2                 | C2                | C2          |

|  |                                                                                                                                     |
|--|-------------------------------------------------------------------------------------------------------------------------------------|
|  | Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user<br>Common European Framework of Reference for Languages |
|--|-------------------------------------------------------------------------------------------------------------------------------------|

## ADDITIONAL INFORMATION

### 10"TOP- ACHIEVEMENTS" of the career

-H-Index: 47 (Google-Scholar); 38 (Scopus); 38 (WoS); Citations: 5123 (Google-Scholar); 3355 (WoS);  
 - Marie Curie OIF (Outgoing International Fellowship) 2005 – 2007 (USA-Italia)  
 - Chair of the COST Action FP1204 2013 – 2017  
 - 8 Invited Keynote Speech in International Conferences since 2012  
 - More than 10M€ funds obtained since 2012  
 - Member of Science Europe LEGS Committee (European Selection based on Scientific Excellence) 2013 – 2016  
 - Co-Chair of the Expert Working Group on NBS selected by EKLIPSE EU Commission-DG Research 2016 – 2017  
 - Member of Czechglobe, Centre of Excellence for studies of Climate Change 2010 – 2019  
 - Responsible of the CNR Strategic Area "Resources and Ecosystems" 2014 – 2020  
 - Italian Focal point of ICOS-ERIC and project coordinator of PRO\_ICOSMED, PON Infrastructure, 2016 - now

### • SUPERVISION OF PhD AND POSTDOC AND THESIS

2002 – 2021 Supervised Postdocs: 7 (Gabriele Guidolotti, Emanuele Pallozzi, Olga Gavrickova, Gregorio Sgrigna, Silvia Portarena, Rocco Pace, Enrica Nestola)/ PhD: 9 (Arianna Morani, Gregorio Sgrigna, Ilaria Lusini, Mauro Medori, Enrica Nestola, Raffaella Esposito, Federica Revoltella, Martina Ristorini, Maaz Haasmi)/ Master Thesis 20

### • TEACHING DUTIES

2015 – 2019 Professor in "Trees and plants to improve air quality of urban areas" within the dual degree "Management and design of urban green infrastructure" in collaboration between Università della Tuscia and RUDN Moscow University  
 2013 – 2015 Professor at l'Università della Tuscia, Viterbo, for the course "Alberi e Foreste per il miglioramento dell'ambiente urbano"  
 2008 – 2010 Supervisor of thesis laboratory in "Planning and management of the Environment" in Bracciano (Rome) in collaboration between Università "La Sapienza" Roma and Università della Tuscia, Viterbo  
 2008 – 2009 Professor in Urban Forestry at the International Dual Degree "Environmental Science for Large Urban Areas" in collaboration between Università della Tuscia, Italy and PACE University, New York, USA  
 2005 – now Invited for lessons and seminars in a number of Universities/Institutions in Europe and USA

### • ORGANIZATION OF SCIENTIFIC MEETINGS

2017 Organizer and Chair of the International Conference "Green Infrastructure: Nature Based Solutions for Sustainable and Resilient Cities" Orvieto 4-7 Aprile (+400 registered participants) [www.greeninurbs.com/finalconference](http://www.greeninurbs.com/finalconference)  
 2016 Organizer and Chair of the International Workshop and side event of the IFLA World Congress "Green Infrastructures and Urban Forests in the Urban Planning: New Approaches and Challenges" Torino, 18-19 Aprile (about 100 participants, <http://www.greeninurbs.com/green-infrastructure-urban-forest-in-the-urban-planning-new-approaches-and-challenges/>)  
 2014 Organizer of the International Workshop "Green Infrastructures and urban forests for improving the environment and the quality of life" Roma, 17 Novembre (about 100 participants)  
 2010 Organizer of the International Summer School on "Life in Extreme Environments" in Pieve Tesino, Italy (40 students, 13 Teachers)

2009 Organizer of the International Workshop on "Life In Extreme Environments" Viterbo, 25 Giugno (30 participants)

#### • INTERNATIONAL INSTITUTIONAL RESPONSABILITIES

2016 – now European Commission Expert for NBS area ( EU invited Expert in international events)  
 2013 – 2016 Member of th Scientific Committee "Life, Environmental and Geosciences" of Science Europe  
 2010 – now Member of the Centre of Excellence "Czechglobe" for studies on Climate Changes of the AVCR, Brno, CZ  
 2015 – now Focal Point for Italy of the ICOS-Research Infrastructure Integrated Carbon Observation System  
 2015 – now Italian substitute delegate for EUROPARC  
 2015 Committee member di PhD thesis at University of Copenhagen (candidate: Michelle Schollert)  
 2015 Opponent of PhD thesis at the University of Helsinki (candidate: Juho Aalto)  
 2013 Committee member of PhD thesis at the University of Tartu, Estonia (candidate: Zhihong Sun)  
 2013 Committee member of PhD thesis at the Technical University of Denmark (candidate: Kristine Stove Boesgaard)  
 2013 Committee member of 2 PhD theses at the University of Antwerp, Belgium (candidates: Laura Broeckx e Melanie Verlinden)  
 2012 Opponent for PhD thesis at the University of Eastern Finland (candidate: Maarit Mäenpää)  
 2007 – 2011 Management Committee Member of the COST Action FP0701 "Post-fire Forest Management in Southern Europe"  
 2003 – 2006 Scientific Secretary of the FP6 project "EUROFACE"

#### • ROLES AND RESPONSABILITIES AT CNR OR FOR CNR

2018 –Acting Director of IRET from 19/09/2018  
 2018 President of the Commission for the competition BANDO n. 366.46 for the selection of 3 Permanent Researchers at CNR  
 2018 - Acting Director of IBAF from 01/06/2018  
 2018 Scientific Coordinator of the project proposal PON ICOS-ERIC infrastructure  
 2014 – now Coordinator and contact person of CNR project area "Gestione sostenibile ed efficiente delle risorse naturali, degli ecosistemi e della biodiversità" (letterl 26-07-2018 e prot. 0002090 on 08/01/2014)  
 2016 Member of the Institute Advisory Board at IBAF  
 2016 Member of the Committee for the competition BANDO N. 368.24 RIC – for the selection of 3 Permanent Researchers at CNR  
 2016 – now Member of the National Committee MAB-UNESCO at Ministry of Environment  
 2015 – Member of the Commission for the selection of a technologist in IBAF  
 2015 - Member of the Commission for the selection of a researcher in IBAF  
 2014 – now Scientific PI of the Capodimonte Station (ICOS site)  
 2014 – now Responsible of the CNR Strategic Area "Resources and Ecosystems"  
 2013 -2016 Coordinator of the thematic area "Global Change and terrestrial vegetation: Atmosphere-biosphere exchange  
 2013 - Member of the CNR working group for the project about the enlargement of the airport A. Vespucci in Florence enlargement  
 2010 – Safety member at the gas exchange lab at IBAF in Montelibretti site  
 2010 – now President and member of several commission for scholarships and fellowships at CNR

#### • MEMBER OF THE EDITORIAL BOARD OF INTERNATIONAL JOURNALS

2018 – now Associate Editor of Journal of Ecosystem Health and Sustainability  
 2017 – oggi Associate Editor of Forests

2016 – now Editorial Board of Forests (MDPI)  
 2014 – now Editorial Board di Journal of Ecosystem Health and Sustainability  
 2014 – now Editorial Board di AIMS Environmental Science  
 2012 – now Editorial Board di The Scientific World Journal  
 2011 – 2016 Editorial Board di the Journal of Environmental Quality  
 2010 – now Editorial Board di Open Forest Science Journal

#### • EDITOR OF BOOKS OR SPECIAL ISSUES

2018- now Associate Editor of Journal of Ecosystem Health and Sustainability  
 2017 Co-Editor of the Book "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 titled "Green Infrastructures: Nature Based Solutions for Sustainable and Resilient Cities" in press on Urban Forestry Urban Greening (IF: 2,0)  
<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)

#### • ACTIVITY AS REVIEWER AND EVALUATOR

2021-2021 Chair of Evaluation Committee for Flemish Research Council  
 2020-2021 Chair of Evaluation Committee for Academy of Finland  
 2020 Expert of mid-term progress of H2020 projects on behalf on European Commission  
 2018-2019 Evaluation Panel Member for Academy of Finland  
 2017 Panel Member for European Science Foundation  
 2017 Evaluator for Sardegna Ricerche  
 2015 – 2016 Reviewer for Austrian Science Fund  
 2016 Evaluator for Belmont Forum initiative  
 2015 Evaluator for MISE  
 2011 – 2017 Evaluator for Ministry of Education and Research of Romania  
 2012 Evaluator for MIUR  
 2012 Evaluator for Ministry of Education and Research of Estonia  
 2012 & 2016 Evaluator for FWO, Belgium  
 2011 – 2016 Evaluator for NSF, USA  
 2010 Evaluator for Academy of Sciences of Czech Republic  
 2009 Evaluation Panel Member for ANR Call "La 6ème Extinction", France  
 2003 – now Reviewer for the Journals: Nature Geoscience, 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 and others

#### MEMBER OF SCIENTIFIC SOCIETY

2013 – 2016 Member of the Scientific Committee "Life, Environmental and Geosciences" of Euroean Science ([www.scienceeurope.org](http://www.scienceeurope.org))  
 2013 – now Member of Marie-Curie Alumni Association  
 2012 – now Member of European Plant Science Organization  
 2008 – now Member of SISEF Società Italiana di Ecologia e Selvicoltura

#### MAJOR INTERNATIONAL COLLABORATION

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

| <i>Title of the project</i>                                                                                                                                                                               | <i>Financial Organisation</i>                            | <i>Calfapietra Budget</i>               | <i>Period of time</i> | <i>Calfapietra involvement</i>        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------|-----------------------|---------------------------------------|
| ProICOSMed (Potenziamento della Rete di Osservazione ICOS-Italia nel Mediterraneo)                                                                                                                        | EU-MIUR (PON-Infrastrutture) Progetto in corso di inizio | 4122 K€ (total of the project 13887 K€) | 2019-2022             | Scientific Coordinator of the project |
| I-AMICA (High-technology infrastructure for the integrated environmental-climatic monitoring<br><br><a href="http://www.i-amica.it/i-amica/?page_id=569">http://www.i-amica.it/i-amica/?page_id=569</a> ) | EU-MIUR (PON-Infrastrutture)                             | 2204 K€ (total of the project 20604 K€) | 2012-2015             | WP and OU coordinator SC Member       |
| CIR-ProICOSMed                                                                                                                                                                                            | EU-MIUR PON Capitale Umano                               | 450K€ (Total of the project 1900K€)     | 2021-2024             | Scientific Coordinator of the project |
| EUFORICC (Establishing Urban Forest based solutions in                                                                                                                                                    | MIUR-PRIN                                                | 350K€ (total of the project 1200K€)     | 2019-2022             | Scientific Coordinator of the Project |

|                                                                                                                                                                                                                                                                            |                                    |                                      |           |                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------|-----------|----------------------------------------------|
| Changing Cities)<br><a href="http://www.euforicc.it">www.euforicc.it</a>                                                                                                                                                                                                   |                                    |                                      |           |                                              |
| COST FP1204 (GreenInUrbs) Green Infrastructure approach: linking environmental with social aspects in studying and managing urban forests<br><br><a href="http://www.cost.eu/domains_actions/fps/Actions/FP1204">http://www.cost.eu/domains_actions/fps/Actions/FP1204</a> | EU-ESF-COST (dal 2015, H2020-COST) | 706 K€                               | 2013-2017 | Chair (Coordinator) Grant Holder Institution |
| PROGIREG (Productive Green Infrastructure for post-industrial urban regeneration)                                                                                                                                                                                          | EU-H2020                           | 591K€ (total of the project 11700K€) | 2018-2023 | WP leader Vice-Coordinator of the project    |
| RITMARE<br><a href="http://www.ritmare.it">www.ritmare.it</a>                                                                                                                                                                                                              | MIUR                               | 300 K€                               | 2012-2017 | OU Coordinator                               |
| Nextdata-Progetto speciale: Carbon and water fluxes in mountain forest and grassland ecosystems from leaf to eco system level: effects of climate variability and management                                                                                               | MIUR                               | 200 K€                               | 2014-2018 | Coordinator                                  |

|                                                                                                                                                            |                        |                                            |           |                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------|-----------|------------------------------------------------|
| <a href="http://www.nextdataport.it/?q=en">http://www.nextdataport.it/?q=en</a>                                                                            |                        |                                            |           |                                                |
| “CAREX”, A European platform for research on life in extreme environments                                                                                  | EU-CSA                 | 193 K€                                     | 2008-2011 | OU Co-Responsible SC Member                    |
| OT4CLIMA Sviluppo di tecnologie innovative di Osservazione della Terra per lo studio del Cambiamento Climatico e dei suoi impatti su ambiente e territorio | PON                    | 190K€                                      | 2018-2021 | Member of the coordination group. Institute PI |
| SWARM-Smart Water Resource Management                                                                                                                      | EU-MIUR (Smart Cities) | 167 K€                                     | 2016-2021 | WP and OU Responsible                          |
| GLOBALVO C Understanding global change effects on VOC emission in Populus from eco-physiological to molecular level                                        | EU-Marie Curie         | 129 K€                                     | 2005-2007 | Fellow-Coordinator                             |
| NEUFOR-Modelli innovativi di analisi dei servizi ecosistemici nell'ambito di formazioni boschive urbane e periurbane                                       | MIUR (PRIN)            | 145K€ (cost for unit)<br>102K€ (financing) | 2014-2017 | UO Coordinator                                 |
| ECOPOTENT                                                                                                                                                  | EU-H2020               | 100 K€                                     | 2015-     | Member of                                      |

|                                                                                                                                                                                                                                                                                                                            |              |                                           |               |                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------|---------------|--------------------------------------------------------------------------|
| IAL<br>improving<br>future<br>ecosystem<br>benefits<br>through earth<br>observations                                                                                                                                                                                                                                       |              |                                           | 2019          | CNR Unit,<br>project<br>coordinator<br>UO<br>responsible                 |
| ICOS<br>Research<br>Infrastructure<br>Integrated<br>Carbon<br>Observation<br>System<br><a href="https://www.icos-ri.eu/icos-research-infrastructure/icos-national-networks/icos-national-networks-contacts">https://www.icos-ri.eu/icos-research-infrastructure/icos-national-networks/icos-national-networks-contacts</a> | MIUR-<br>CNR | 100 K€                                    | 2016-<br>oggi | Italian Focal<br>Point and JRU<br>Coordinator                            |
| Agreement for<br>the<br>organization<br>of the 1 <sup>st</sup><br>World Forum<br>on Urban<br>Forestry                                                                                                                                                                                                                      | FAO          | 85 K€                                     | 2018          | Coordinator                                                              |
| PALMO-<br>Piani di<br>Adattamento<br>Locale in<br>ambito<br>Montano<br>Mediterraneo                                                                                                                                                                                                                                        | MIUR         | 80 K€ (total of<br>the project 500<br>K€) | 2015-<br>2017 | Coordinator                                                              |
| Assessing<br>interactions<br>between<br>Volatile<br>Organic<br>Compounds<br>(VOC) and<br>ozone in<br>forests under<br>extreme<br>climatic<br>events                                                                                                                                                                        | CZ-MSMT      | 68 K€                                     | 2013-<br>2016 | Coordinator<br>(MSMT-<br>9339/2013-<br>311 LD13031<br>del<br>05/02/2013) |

|                                                                                                                                                                                                                                        |                                                            |       |               |                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------|---------------|--------------------------------------------------------|
| Era4CS<br>Serv_ForFIRE<br>Integrated<br>services and<br>approaches for<br>assessing<br>effects of<br>climate<br>change and<br>extreme<br>events for fire<br>and post fire<br>risk<br>prevention<br>(Member of<br>Coordination<br>team) | ERANET<br>Climate                                          | 60 K€ | 2017-<br>2019 | Member of the<br>coordinating<br>group<br>Institute PI |
| ERASMUS +<br>Menvipro<br>(Modernizatio<br>n of<br>Environment<br>Protection<br>Studies<br>Programmes<br>for Armenia<br>and Georgia /<br>MENVIPRO)                                                                                      | EU                                                         | 59 K€ | 2018-<br>2022 | UO<br>Responsible                                      |
| RIFORTER-<br>Studio di<br>RIqualificazio<br>ne della<br>FOResta<br>urbana per il<br>miglioramento<br>della qualità<br>dell'aria della<br>conca ternana                                                                                 | Fondazion<br>e CARIT,<br>Comune e<br>Provincia<br>di Terni | 50 K€ | 2012-<br>2015 | Coordinator                                            |
| Attività di<br>consulenza e<br>progettazione<br>per la gestione<br>del patrimonio<br>verde di ATER<br>Roma                                                                                                                             | DECA                                                       | 28 k€ | 2017-<br>2020 | Coordinator                                            |
| Innovazione<br>per la difesa e<br>la qualità delle<br>produzioni<br>viticole nello                                                                                                                                                     | PSR<br>Umbria                                              | 23 K€ | 2018-<br>2020 | OU<br>Responsible                                      |

|                                                                                                       |          |       |           |                |
|-------------------------------------------------------------------------------------------------------|----------|-------|-----------|----------------|
| scenario delle prossime emergenze ambientali                                                          |          |       |           |                |
| PAUL Pilot Application in Urban Landscapes towards integrated city observatories for greenhouse gases | H2020    | 20K€  | 2021-2026 | OU Responsible |
| Bilateral project - BVOC emission under extreme climatic conditions                                   | CNR-AVCR | 15 k€ | 2013-2015 | Coordinator    |
| Bilateral project- Carbon Losses from semiarid ecosystems                                             | CNR-CSIC | 8 k€  | 2011-2012 | Coordinator    |

#### • INVITATION IN INTERNATIONAL CONFERENCES

##### Keynote Speaker

2018 Nature-based solutions for sustainable urban development, Smart and Sustainable Cities Conference, 23-25 Maggio (Moscow)

2017 Experiences and lessons learned from previous projects – the case of GreenInUrbs, European Urban Green Infrastructure Conference, 29-30 Novembre (Budapest)

2017 Valuation of Green Infrastructure's and urban forests' environmental benefits for improved governance, Congress of Italian Society of Silviculture and Forest Ecology, 10-13 ottobre (Rome)

2016 Monitoring and assessing air quality in urban park, Megacities 2050 Conference, 12-14 September (Moscow)

2016 Valuation of Green Infrastructure's and urban forests' environmental benefits for improved governance, European Symposium of Albi Hortis-WUP, 5-7 October (Albi, France)

2014 Actual State of Work COST Action FP1204, European Forum of Urban Forestry, 3-7 June (Lausanne)

2013 Role of biogenic volatile compounds emitted by urban trees on ozone formation cities, Urban Environmental Pollution Conference, 17-20 November (Beijing)

2012 Role of biogenic volatile compounds emitted by urban trees on ozone formation cities, Urban Environmental Pollution Conference, 17-20 June (Amsterdam)

##### invited speaker

2018 NBS in Brazilian and European Cooperation, II International Seminar on Nature-Based Solutions (NBS): Promoting Urban Nature for more Resilient Cities. Examples from Brazil and Europe 9-10 July (Brasilia). Invited as EC expert.

2017 Lungs of the Earth, Forest Policies for Climate and Health, EU Parliament, (Brussels)

2017 UN Science-Policy-Business Forum, (Nairobi)

2017 Final HYPI Conference 'New Perspectives in Modeling and Measurement of Biogenic Volatile Organic Compounds Emissions by Remote Sensing', 15-16 June, (Antwerp)  
 2017 GreenInUrbs and Nature Based Solutions-State of the Art. EUSALP Action Group Forum, 14-16 February (Garmisch).  
 2014 GreenInUrbs: Green Infrastructure approach, linking environmental with social aspects in studying and managing urban forests, European Congress of Arboriculture (ISA), 26- 28 May (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 May (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 October (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 February (Stockholm)

#### Chair

2018 chair of the "Changing Environment" session at the 1<sup>st</sup> World Forum on Urban Forests, 27-Novembre- 1 Dicembre (Mantova)  
 2015 Chair of the Session "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 June (Nice)  
 2014 Chair of the session "Good Practices examples" at the EU-EaP STI Policy Stakeholders Conference, 15-16 May (Yerevan, Armenia)  
 2011 Chair of the session "Contributions of life in extreme environments to biogeochemical cycles and responses to environmental change" at the International CAREX Conference on Life in Extreme Environments, 18-20 October (Dublin)

#### •PRIZES AND PRESTIGIOUS ROLES

2016- now Expert of the European Commission for Nature Based Solutions  
 2016 – 2017 Co-Chair of the Expert Working Group Nature Based Solutions (NBS) selected by H2020EKLIPSE-EU Commission/DG Research ([http://www.eklipse-mechanism.eu/nbs\\_report](http://www.eklipse-mechanism.eu/nbs_report))  
 2013 – 2015 Member of the Scientific Committee "Life, Environmental and Geosciences" di Science Europe  
 2018 – 2024 Enabled Full Professor (Professore I fascia) sector 07/B2  
 2010 – now Member of the EU-Funded (40 M€) Center of Excellence "Czechglobe" for studies of climate change  
 2005 – 2007 Marie Curie OIF Fellowship: University of Wisconsin-Madison, Department of Botany, USA; Università della Tuscia, Department of Forest Resources, Italy  
 2005 Expert in Ecofisiologia Forestale, Università della Tuscia  
 2003 Winner of the Prize "Idea-Impresa" Bic-Lazio, Italia

#### INTERVIEW ON MASS MEDIA

Interview published in Class journal (January/February 2019)  
 Interview published in Sole 24 Ore 21 November 2018

<https://mobile.ilsole24ore.com/art/impresa-e-territori/2018-11-21/mantova-capitale-mondiale-delle-foreste-urbane-ogni-euro-investito-in-alberi-ne-rende-tre/AEh4BpkG>

Interview Radio 1 "Radio anch'io" live on 30 October 2018  
 Interview in Venerdì di Repubblica published on 10 November 2017

Interview on Repubblica 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)

Interview on RAI programme RAI Memex and RAI 2 on 12 Dicembre 2015  
<http://www.raiscuola.rai.it/articoli/memex-il-futuro-degli-ecosistemi/31924/default.aspx>

\*corresponding author

## PUBLICATIONS

2020

PACE R, GUIDOLOTTI G, BALDACCHINI C, PALLOZZI E, GROTE R, NOWAK DJ, CALFAPIETRA C. 2021. Comparing i-Tree Eco Estimates of Particulate Matter Deposition with Leaf and Canopy Measurements in an Urban Mediterranean Holm Oak Forest. *Environmental Science and Technology*, in press

PALLOZZI E, GUIDOLOTTI G, MATTIONI M, CALFAPIETRA C. 2020. Particulate matter concentrations and fluxes within an urban park in Naples. *Environmental Pollution* 266: 115134

RISTORINI M, BALDACCHINI C, MASSIMI L, SGRIGNA G, CALFAPIETRA C. 2020. Innovative Characterization of Particulate Matter Deposited on Urban Vegetation Leaves through the Application of a Chemical Fractionation Procedure. *Int. J. Environ. Res. Public Health* 2020, 17, 5717.

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24/06/2021

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