

PERSONAL INFORMATION **Lucia Perugini**

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 Lucia.perugini@cmcc.it

WORK EXPERIENCE

27/11/2015-ongoing Permanent Position – Senior Scientific Manager

Euro-Mediterranean Center on Climate Change - Centro EuroMediterraneo sui Cambiamenti Climatici – CMCC Foundation - <http://www.cmcc.it/>

- Since 2003: Technical and scientific assistance to the Italian Ministry of Environment in forestry and agriculture related issues (REDD+, Agriculture, LULUCF) within the UNFCCC, Kyoto Protocol and Paris Agreement negotiations
- Since 2013: Italian representative at the Working Group 5 under the EU Climate Change Committee "Implementation of the LULUCF Decision and policy development of the land use, land use change and forestry sector"
- 2021: Support to the G20 Italian Presidency on issues related to Nature Based Solutions for resilient cities
- 2017-2020 -FAO: assistance in sharing knowledge and fostering learning on the Koronivia Joint Work on Agriculture under UNFCCC
- 2018-2019- Contribution in the Cropland management and Grazing land management estimations in the GHG National Inventory Report of Italy under the Kyoto Protocol (NIR2019 and NIR2020)
- 02/2018-On Going: Work Package Leader in a H2020 research project: VERIFY (Observation-based system for monitoring and verification of greenhouse gases) - WP1 aimed at producing an User Requirement Document (URD) of UNFCCC reporting needs for GHG budget estimates and for an observation-based monitoring and verification system.
- 2016-2017- Scientific coordinator of the chapters related to "Forestry sector", "Desertification, land degradation and drought" and "Adaptation forum" of the National Adaptation Plan of Italy.
- 2016-ongoing: Coordinator of the EU AFOLU issue group at the UNFCCC negotiations.
- 2017-2018: UNDP service, contract: scientific leader of the activity: Creation of public-private partnerships on REDD+ related issues, with the aim of decreasing tropical deforestation patterns linked to agro-commodities value chains.
- 2015-17: Coordination of the National Climate Change strategy and plan in Albania within the EU Project: Technical Assistance for Institution Building of the Ministry of Environment in Enforcing Environmental and Climate Acquis (EuropeAid/135700/DH/SER/AL)
- 2014-2017 LUC4C FP7 project - Leader of working package 7 on the improvement of MRV methodologies in support of good practice for land policy.

Business or sector Research Development

02/09/2013-26/11/2015 Work Package Leader in a FP7research project: LUC4C

Euro-Mediterranean Center on Climate Change - Centro Euro-Mediterraneo sui Cambiamenti Climatici – CMCC Scarl - <http://www.cmcc.it/>

Research Project title: LUC4C - Land-use change: assessing the net climate forcing, and options for climate change mitigation and adaptation - <http://luc4c.eu/> - Leader of working package 7 on the improvement of MRV methodologies in support of good practice for land policy through the development of an approach to integrate the existing MRV and Life cycle assessment methodologies for estimating GHG emissions and removals related to land use change with biophysical effects, with the aim of supporting the international climate change policy process.

Business or sector Research Development

- 27/03/2015-30/06/2015 **Assistance to the RRN on assessment of Climate change effect of CAP policies in GHG balance**
 Institute for Services on Agricultural and Agro-food Market (ISMEA) - <http://www.ismea.it>
 Scientific, technical and methodological assistance in the assessment of the impact of Common Agricultural Policies (CAP) in the Kyoto Protocol accounting for Cropland Management and Grazing land Management activities in the GHG accounting in the Land Use, Land Use Change and Forestry sector for the period 1990-2020. Analysis of the role of cropland and grazing land role in the post 2020 LULUCF accounting within the EU climate policy framework.
Business or sector Research Development
- 01/09/2013-30/04/2014 **Project manager and scientific coordinator: “Analysis and assessment of projects for sustainable management of forest and mangroves”**
 Euro-Mediterranean Center on Climate Change - Centro Euromediterraneo sui Cambiamenti Climatici – CMCC Scrl - <http://www.cmcc.it/#>
 Project management and scientific coordination of the project funded by ENI s.p.a. The project objective is the identification of possible REDD+ projects on forest sustainable management in developing countries where ENI operates, that aim jointly to climate change mitigation and adaptation.
Business or sector Research Development
- 01/03/2011 – 31/08/2013 **Service contract/Land Use, Land Use Change and Forestry (LULUCF) and REDD+ Expert within the UNFCCC process**
 University of Tuscia, (Viterbo, Italy)/Italian Ministry of Environment
 The University has been contracted by the Italian Ministry of Environment for providing technical and scientific assistance in forestry and agriculture related issues within the climate change framework. Within such contract, my role is to advise on forestry issues the Italian Ministry of Environment within the UNFCCC process, in particular participating as part of the Italian delegation in the international negotiations on the development of the climate change regime after 2012 and post-2020. Participation as Italian representative in the European Expert Group on Land Use, Land Use Change and Forestry (LULUCF), for the definition of a common EU position within the UNFCCC negotiation process on forestry and agriculture related issues, including REDD+. Assistance for the negotiations of the LULUCF EU decision 529/2013.
Business or sector Research Development /Public Body
- 14/03/2006–01/02/2011 **Research assistant (Post-doc)/Expert in Land Use, Land Use Change and Forestry (LULUCF), Clean Development Mechanism, REDD+ and agriculture within the UNFCCC process.**
 University of Tuscia, (Viterbo, Italy)/Italian Ministry of Environment
 Since 2009, scientific advisor to the Italian Ministry of Environment on forestry and agriculture related issues within the UNFCCC process, in particular participating as part of the Italian delegation in the international negotiations on the development of the climate change regime after 2012 including the participation as Italian representative in the European Expert Group on LULUCF, for the definition of a common EU position within the UNFCCC negotiation process on forestry and agriculture related issues, including REDD+. Research activities on the role of the agroforestry sector in the achievement of commitments subscribed by Italy under the Kyoto Protocol.
 Scientific and technical assistant to the Italian Ministry of Environment for the implementation of afforestation/Reforestation Clean Development Mechanism (AR CDM) activities for the following projects: **Argentina** (Development of the Project Design Document, proposal of a new methodology for baseline and monitoring of project activities (ref. no. AR-AM0012). **Colombia and Peru** in collaboration with the UN Office on Drugs and Crime, feasibility studies for AR CDM projects. **Algeria** – Feasibility study for AR CDM project in the oasis of Brezina through multipurpose plantation irrigated with treated-wastewaters. **China** – AR CDM project in Ahoan County – Preparation of the approved AR CDM methodology AR-AM0003. **Macedonia** – Coordination of the study: Biomass availability in the territory of Republic of Macedonia: Enabling activities for climate change mitigation through biomass utilization under CDM projects. **Serbia** – Implementation of the feasibility study for AR CDM project activities in Vojvodina province.
Business or sector Research Development /Public Body
- 10/05/2010 – 31/12/2010 **Tutor and scientific coordinator of a post-lauream master course**
 University of Tuscia, Viterbo, Italy

Master on “Carbon credits market in the agro-forestry sector: accounting and certification”: Responsible for the Preparation of the training program, identification of lecturers and delivering educational aid and assistance to the students during the duration of the Master course (30 days). Lecturer for the topics related to LULUCF issues (8 hours).

Business or sector Public Body/Education

13/01/2009–
31/01/2009 **Short term consultant on AR CDM project in Albania**

Carbon Finance Unit - The World Bank, Washington DC

Assistance to the World Bank team in the verification process of the AR CDM project activity “Assisted Natural Regeneration of Degraded Lands in Albania” (registered as CDM by the Executive Board, reg. no.2714). 7 Days

Business or sector Private

1/09/2008–
30/11/2008 **Consultant/carbon sequestration expert in Montenegro**

Agrotec S.p.A. Lungotevere Michelangelo, 9 - 00192 Rome, Italy. URL: <http://www.agrotec-spa.net/index.php>

- Feasibility study compilation for afforestation/reforestation project under Clean Development Mechanism (AR CDM) in Berane (Montenegro)

Business or sector Private

1/05/2007 –
30/06/2007 **Consultant - Project coordinator – BioCarbon Fund Project in Albania**

Agrotec S.p.A. Lungotevere Michelangelo, 9 - 00192 Rome, Italy. URL: <http://www.agrotec-spa.net/index.php>

Project: BioCarbon Fund – Reforestation Project: Analysis of Kyoto compliant carbon sequestration potential and evaluation of the Green Investment Scheme (GIS) in the forestry sector of Ukraine.

My duty was to coordinate the development and compilation of draft guidelines (suitable for adoption by the government as official regulations) detailing the proposed methodologies and formats for (i) Monitoring and reporting on sequestration by State Forest Enterprises; ii) Verification, and (iii) Annual summary reporting of the Green Investment Scheme fund management to government and buyers with respect to carbon sequestration.

Business or sector Private

30/09/2006–
30/05/2007 **Consultant - Project team leader - BioCarbon Fund Project in Albania**

Agrotec S.p.A. Lungotevere Michelangelo, 9 - 00192 Rome, Italy. URL: <http://www.agrotec-spa.net/index.php>

Project coordination for the finalization of the Project Design Document (PDD) for the BioCarbon Fund project “Assisted Natural Regeneration Project in Albania”. (AR CDM Registration no.2714). (1,25 Months consultancy)

Business or sector Private

13/09/2006
13/11/2006 **Consultant on carbon sequestration projects (AR CDM) in India**

Agriconsulting S.p.A. Via Vitorchiano, 123 - 00189 Rome – Italy. URL: <http://www.agriconsulting.it/>

Compilation of the feasibility study: “Assessing opportunities and constraints of implementing CDM activities under the Kyoto Protocol in the framework of the Haryana Community Forestry Project (HCFP)”. The HCFP was co-funded by the European Commission and the Government of Haryana (60 days consultancy)

Business or sector Private

28/11/2005
20/05/2006 **Consultant - Deputy team leader - BioCarbon Fund Project in Ukraine**

Agrotec S.p.A. Lungotevere Michelangelo, 9 - 00192 Rome, Italy. URL: <http://www.agrotec-spa.net/index.php>

Coordination of the BioCarbon Fund project– Reforestation Project in Chernobyl area. The objective was to undertake all necessary analysis and consultations as well as to complete all documentation necessary in order to enable: (i) the appraisal of the proposed Ukraine Reforestation Project by the World Bank; (ii) the negotiation of an Emission Reductions Purchase Agreement between the State Committee for Forests and the BioCarbon Fund; and (iii) the assessment of additional Kyoto compliant carbon sequestration activities nationwide based on the experience of the BioCarbon Fund pilot project (90 days consultancy).

Business or sector Private

04/03/2005 –
3/08/2005 **Deputy team leader - BioCarbon Fund Project in Albania.**

Agrotec S.p.A. Lungotevere Michelangelo, 9 - 00192 Rome, Italy. URL: <http://www.agrotec-spa.net/index.php>

Activities: scientific supervision of project activities; contacts with local authorities; project site evaluation; Project Design Document compilation, Project Implementation plan; final reporting. Activities included design and implementation of capacity building and institutional strengthening (60 days consultancy)

Business or sector Private

EDUCATION AND TRAINING

- January 2003 - January 2006 **PhD in forest ecology** EQF: 8th
 University of Tuscia, Faculty of Forestry Science, Viterbo (Italy)
 PhD course in Forest Ecology. Research topic: Assessment of the implication and operation of Afforestation/Reforestation CDM projects. Case studies in Argentina, China and Albania.
 Knowledge of Kyoto Protocol project based mechanisms, through the participant in UNFCCC negotiation sessions as expert on modalities and procedures for AR CDM projects for the Italian delegation (Milan, Italy COP9/SBSTA19, Bonn, Germany – SBSTA 20, Buenos Aires, Argentina COP10/SBSTA21). Participation in the joint mission UNCCD-Italian Ministry of Environment in Argentina, China and Mozambique to establish the framework for implementing A/R CDM projects on degraded lands (Youth & Environment pilot projects). Acquisition of skills on estimation and monitoring of processes and dynamics carbon sequestration from forestry activities.
- November 2001 – June 2002 **XXII Professional Master Course “Geomatics and Natural Resources Evaluation”**
 Istituto Agronomico per l’Oltremare (IAO) Florence, Italy - Financed by Ministry of Foreign Affairs.
 Acquisition of skills on interdisciplinary integration of field survey and remote sensing, both aerial photographs and satellite imagery, via GIS techniques. Complete case study (including 1 month of fieldwork in Morocco) was done.
- January 1993 to June 2001 **Master degree/laurea in forestry science (5 year course), Grade: 110/110 cum laude;** EQF: 7th
 University of Tuscia, Faculty of Forestry Science, Viterbo (Italy)
 Thesis title: “Study of Land Cover Change of Kamali Region (Western Nepal) by Remote Sensing”
 Participation in the Erasmus program at the University of Helsinki (January-June 2000)
 The master covered the full range of aspects related to the forestry science with 42 courses and exams.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Spanish	C2	C2	B2	B1	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

- Communication skills** ▪ Good communication skills gained through my experience as Italian negotiator within the UNFCCC process, lecturer in several post lauream masters, presentations to workshops and conferences, organization and participation as lecturer in several training programs in Italy and abroad (Albania, Ukraine, Argentina). From 2013 to 2014 I co-chaired the negotiation at the SBSTA of the UNFCCC on LULUCF issues.
- Organisational / managerial skills** ▪ Good managerial and organizational skills gained through my experience as team leader/deputy team leader in several international projects where I was responsible of multicultural teams dealing with local institutions and coordinating international and local experts. I am coordinator of the EU AFOLU expert group at the UNFCCC negotiations since 2016. Chair of EU AFOLU issue group at the UNFCCC during the Italian Presidency semester of the Council of the EU (1/07/2014-31/12/2014), and coordinator of the group since 2016.
- Computer skills** Solid knowledge of Windows OS, Microsoft Office™ and WWW research tools.

Driving licence B

ADDITIONAL INFORMATION

Publications

Peer reviewed Papers:

Petrescu, A. M. R., Qiu, C., Ciais, P., Thompson, R. L., Peylin, P., McGrath, M. J., Solazzo, E., Janssens-Maenhout, G., Tubiello, F. N., Bergamaschi, P., Brunner, D., Peters, G. P., Höglund-Isaksson, L., Regnier, P., Lauerwald, R., Bastviken, D., Tsuruta, A., Winiwarter, W., Patra, P. K., Kuhnert, M., Oreggioni, G. D., Crippa, M., Saunio, M., **Perugini, L.**, Markkanen, T., Aalto, T., Groot Zwaaftink, C. D., Yao, Y., Wilson, C., Conchedda, G., Günther, D., Leip, A., Smith, P., Haussaire, J.-M., Leppänen, A., Manning, A. J., McNorton, J., Brockmann, P., and Dolman, A. J.: The consolidated European synthesis of CH₄ and N₂O emissions for the European Union and United Kingdom: 1990–2017, *Earth Syst. Sci. Data*, 13, 2307–2362, <https://doi.org/10.5194/essd-13-2307-2021>, 2021.

Savaresi, A., & **Perugini, L.** (2021). Balancing Emissions and Removals in the Land Sector: The View from the EU. *Carbon & Climate Law Review*, 15(1), 49-59. DOI <https://doi.org/10.21552/cclr/2021/1/7>

Perugini, L., Pellis, G., Grassi, G., Ciais, P., Dolman, H., House, J. I., ... & Peylin, P. (2021). Emerging reporting and verification needs under the Paris Agreement: How can the research community effectively contribute?. *Environmental Science & Policy*, 122, 116-126. <https://doi.org/10.1016/j.envsci.2021.04.012>

Grassi, G., Stehfest, E., Rogelj, J., van Vuuren, D., Cescatti, A., House, J., Nabuurs G.J., Rossi S., Alkama R., Abad Viñas R., Calvin K., Ceccherini G., Federici S., Fujimori S., Gusti M., Hasegawa T, Havlik P., Humpenöder F., Korosuo A., **Perugini L.**, Tubiello F.N., & Popp, A. (2021). Critical adjustment of land mitigation pathways for assessing countries' climate progress. *Nature Climate Change*, 1-10. <https://doi.org/10.1038/s41558-021-01033-6>

Petrescu, A. M. R., McGrath, M. J., Andrew, R. M., Peylin, P., Peters, G. P., Ciais, P., ... **Perugini L.**, ... & Dolman, H. (2020). The consolidated European synthesis of CO₂ emissions and removals for EU27 and UK: 1990–2018. *Earth System Science Data Discussions*, 1-73.

Savaresi **A.**, **Perugini L.**, Chiriaco MV. (2020) Making sense of the LULUCF Regulation: Much ado about nothing?. *RECIEL*. 2020; 00: 1–9. <https://doi.org/10.1111/reel.12332>

Duveiller, G., Caporaso, L., Abad-Viñas, R., **Perugini, L.**, Grassi, G., Ameth, A., & Cescatti, A. (2020). Local biophysical effects of land use and land cover change: towards an assessment tool for policy makers. *Land Use Policy*, 91, 104382.

Savaresi, A. and **Perugini, L.**, (2019) The Land Sector in the 2030 EU Climate Change Policy Framework: A Look at the Future (April 5, 2019). *Journal for European Environmental & Planning Law*, Forthcoming. Available at SSRN: <https://ssrn.com/abstract=3366948>

Grassi, G., House, J., Kurz, W. A., Cescatti, A., Houghton, R. A., Peters, G. P., ... **Perugini L.**, Rossi S., Sitch S., Viovy N., Wiltshire A. Zaehle S. (2018). Reconciling global-model estimates and country reporting of anthropogenic forest CO₂ sinks. *Nature Climate Change*, 8(10), 914-920.

Chiti T., Blasi E., Pellis G., **Perugini L.**, Chiriaco M.V., & Valentini R. (2018). Soil organic carbon pool's contribution to climate change mitigation on marginal land of a Mediterranean montane area in Italy. *Journal of environmental management*, 218, 593-601.

Perugini L. Caporaso L., Marconi S., Cescatti A., Quesada B., de Noblet-Ducoudré N., House J. I., Ameth A. 2017, Biophysical effects on temperature and precipitation due to land cover change *Environ. Res. Lett.*, at press: <https://doi.org/10.1088/1748-9326/aa6b3f>

Chiti, T., **Perugini, L.**, Vespertino, D., Valentini, R. (2016) Effect of selective logging on soil organic carbon dynamics in tropical forests in central and western Africa. *Plant and Soil*, 399 (1-2), pp. 283-294.

Calfapietra, C.; Barbati, A.; **Perugini, L.**; Ferrari, B.; Guidolotti, G. et al. (2015). Carbon mitigation potential of different forest ecosystems under climate change and various managements in Italy. *Ecosystem Health and Sustainability* vol. 1 (8) p. art25

Chiti, T., Grieco, E., **Perugini, L.**, Rey, A., Valentini, R. (2015) Effect of the replacement of tropical forests with tree plantations on soil organic carbon levels in the Jomoro district, Ghana. *Plant and Soil*, 375 (1-2), pp. 47-59.

Collalti, A., **Perugini, L.**, Santini, M., (...), Matteucci, G., Valentini, R. (2014) A process-based model to simulate growth in forests with complex structure: Evaluation and use of 3D-CMCC Forest Ecosystem Model in a deciduous forest in Central Italy. *Ecological Modelling*, 272, pp. 362-378.

Chiriaco, M.V., **Perugini, L.**, Cimini, D., (...), Corona, P., Barbati, A. (2013) Comparison of approaches for reporting forest fire-related biomass loss and greenhouse gas emissions in southern Europe. *International Journal of Wildland Fire*, 22 (6), pp. 730-738.

Corradi, C.A., **Perugini, L.**, Carbone, F., Saenz Moya, G., Valentini, R. (2013) Local cost-benefit analysis for assessing the economic potential of afforestation/reforestation CDM on coca fields in the Peruvian Amazon. *Carbon Management*, 4 (4), pp. 387-401.

Corona, P., Barbati, A., Tomao, A., (...), Fattorini, L., **Perugini, L.** (2012) Land use inventory as framework for environmental accounting: An application in Italy. *IForest*, 5(4), pp. 204-209.

Chiti, T., Gardin, L., **Perugini, L.**, (...), Miglietta, F., Valentini, R. (2012). Soil organic carbon stock assessment for the different cropland land uses in Italy. *Biology and Fertility of Soils*, 48 (1), pp. 9-17.

Chiti, T., Certini, G., **Perugini, L.**, (...), Papale, D., Valentini, R. (2011) Soil carbon dynamics in a Mediterranean forest during the Kyoto Protocol commitment periods. *Regional Environmental Change*, 11 (2), pp. 371-376. awards, memberships, references.

Other relevant publications

ISPRA 2020 Italian Greenhouse Gas Inventory 1990-2017 - National Inventory Report 2019. Roma, April 2019 pp 587. Maria Vincenza Chiriaco, Lucia Perugini contributors to KP-LULUCF PART II: SUPPLEMENTARY INFORMATION REQUIRED UNDER ARTICLE 7, PARAGRAPH 1. (§6.12.2)

ISPRA 2019 Italian Greenhouse Gas Inventory 1990-2017 - National Inventory Report 2019. Roma, April 2019 pp 587. Maria Vincenza Chiriaco, Lucia Perugini contributors to KP-LULUCF PART II: SUPPLEMENTARY INFORMATION REQUIRED UNDER ARTICLE 7, PARAGRAPH 1. (§6.12.2)

ISPRA 2018 Italian Greenhouse Gas Inventory 1990-2016 - National Inventory Report 2018. Roma, April 2018 pp 587. Maria Vincenza Chiriaco, Lucia Perugini contributors to KP-LULUCF PART II: SUPPLEMENTARY INFORMATION REQUIRED UNDER ARTICLE 7, PARAGRAPH 1. (§6.12.2)

Chiriaco, M.V., Perugini, L. and Bombelli, A. Bernoux, M., Gordes A. and Kaugure, L. 2019. Koronivia joint work on agriculture: analysis of submissions on topic 2(A) – Modalities for implementation of the outcomes of the Five in-session workshops. Environment and natural resources management working paper no. 74. Rome. FAO. 32 pp.

Bombelli, A., Di Paola, A., Chiriaco, M. V., Perugini, L., Castaldi, S., & Valentini, R. (2019). Climate Change, Sustainable Agriculture and Food Systems: The World After the Paris Agreement. In Achieving the Sustainable Development Goals Through Sustainable Food Systems (pp. 25-34). Springer, Cham.

Chiriaco, M.V., Perugini, L., Bernoux, M., Gordes A. and Merkl, D. 2018. Koronivia Joint Work on Agriculture: Analysis of Submissions. [Environment and Natural Resources Management Series, Working Paper 71] Rome. FAO. 56 pages.

Barbati A., Scarascia Mugnozza G., Ayan S., ... Perugini L. (2018) Chapter 8 Adaptation and Mitigation in FAO and Plan Bleu. 2018. State of Mediterranean Forests 2018. Food and Agriculture Organization of the United Nations, Rome and Plan Bleu, Marseille

Ministero dell'Ambiente e della Tutela del Territorio e del Mare (2017). National Climate change adaptation Plan [Piano Nazionale di Adattamento ai Cambiamenti Climatici (PNACC)] A cura del Centro Euro-Mediterraneo sui Cambiamenti Climatici – CMCC. MATTM, Roma.

Brotto, Corradini, G., Chiriaco, M.V., Portaccio, A., Perugini, L., L., Pettenella, D., Pinato F. Storti D., Vanino S., Maluccio, S., e Romano, R. (2018). Stato del Mercato Forestale del Carbonio in Italia 2018 [State of the forest carbon market in Italy 2018]. Nucleo Monitoraggio del Carbonio, CREA, Rome.

Storti, D., Brotto, L., Pettenella, D., Chiriaco, M.V., Maluccio, S., Maso, D., Corradini, G., Portaccio, A., Perugini, L., Romano, R. (2015). Stato del Mercato Forestale del Carbonio in Italia 2015 [State of the forest carbon market in Italy 2015]. Nucleo Monitoraggio del Carbonio, CREA, Rome.

Castellari S., Venturini S., Ballarin Denti A., Bigano A., Bindi M., Bosello F., Carrera L., Chiriaco M.V., Danovaro R., Desiato F., Filpa A., Gatto M., Gaudio D., Giovanardi O., Giupponi C., Gualdi S., Guzzetti F., Lapi M., Luise A., Marino G., Mysiak J., Montanari A., Ricchiuti A., Rudari R., Sabbioni C., Sciortino M., Sinisi L., Valentini R., Viaroli P., Vurro M., Zavatarelli M. (a cura di.) (2014). Rapporto sullo stato delle conoscenze scientifiche su impatti, vulnerabilità ed adattamento ai cambiamenti climatici in Italia. Ministero dell'Ambiente e della Tutela del Territorio e del Mare, Roma. Contributo al capitolo Foreste, pp. 382-440

Grainger-Jones, E., Mantlana, B., Montgomery, H., Engelund, A., Friis, D. T., Loma x, J., ... & Perugini, L. (2013) Module 1: why climate-smart agriculture, fisheries and forestry. In faurès, j. M., et al. "Climate smart agriculture sourcebook."FAO, Rome 557 (2013).

Relevant positions

- Cluster coordinator of the EU AFOLU Issue Goup at the UNFCCC negotiations (2016-2021)
- Italian delegate at the General Assembly of ICOS (since June 2020)
- GEO Programme Board alternate representative for Italy (since November 2019)
- Chair of the sub Group Mitigation of the Climate Change Working Group at GEO (since July 2020)
- Italian representative at the Working Group 5 "Implementation of the LULUCF Decision and policy development of the land use, land use change and forestry sector" under the Climate Change Committee
- SBSTA Co-chair for LULUCF agenda items (2013-2014)