

CURRICULUM VITAE

Surname: CORONA

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Current position:

- Director of the Research Centre for Forestry and Wood of the Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria (Council for Agricultural Research and Economics, CREA) (since 14.June.2017) (seconded from University of Tuscia)
- Full Professor at the University of Tuscia, Viterbo, Italy (on secondment at CREA)

Academic appointments

- Director of the Research Centre for Forestry and Wood of the Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria (Council for Agricultural Research and Economics, CREA) (since 14.June.2017)
- Director of the Forestry Research Centre (Arezzo, Italy) of the Council for Agricultural Research and Economics, from February 2013 to January 2017.
- Interim Director of the Research Unit for Mediterranean Silviculture (Rende, Italy) of the Council for Agricultural Research and Economics, from February 2015 to January 2017.
- President of the Board of the Department of Agronomy, Forest and Land of the of the Council for Agricultural Research and Economics, from November 2014 to December 2015.
- Director of Department for the Innovation in the Biological, Agro-Food and Forest Systems of the University of Tuscia (Viterbo, Italy), from June 2011 to February 2013.
- Director of the Department of Forest Environment and Resources of the University of Tuscia (Viterbo, Italy), from 2009 to May 2011.
- Dean of the School of Forest and Environmental Sciences at the Faculty of Agriculture of the University of Tuscia (Viterbo, Italy), from 2002 to 2009.
- President of the Centre for Alpine Studies University of Tuscia (Pieve Tesino, Trento, Italy), from 2004 to 2009.

Scientific appointments

- Member of the Scientific Expert Roster of the Italian Ministry of Agriculture, Food and Forest Policies (Albo degli Esperti: D.M. 375/2003), since 2003.
- Member of the Scientific Expert Roster of the Italian Ministry for Education, University and Research (Albo degli Esperti ex D.Lgs. 297/1999: D.D. 1176/2002, D.D. 30/2012), from 2012 to 2015.

- Member of the Register of Expert Peer Reviewers for the Italian Scientific Evaluation (REPRISE) of the Italian Ministry for Education, University and Research (D.D. 1195, 8 June 2015), under the sections: Basic Research; Industrial competitive research (since 2015).
- Member of the Roster of Evaluators of Universities, Disciplinary Area 07 (Agricultural and veterinary sciences), under the Italian National Agency for the Evaluation of Universities and Research Institutes (ANVUR), since 2014.

Experiences under International Organizations

- Coordinator of the 4.02.06 Working Unit (Resource Data in the Boreal and Temperate Regions) of the International Union of Forest Research Organizations (IUFRO) (2006-2014).
- Scientific Committee of the European Cooperation in Science and Technology (COST) (2015-2021).
- Focal point CREA of the Mountain Partnership under UN-FAO, since 2013.
- Steering Committee del UN-FAO European Forestry Commission - Working Party on the Management of Mountain Watersheds (from 2015 to 2017)
- Steering Committee and Management Committee of FP1206 Action "European mixed forests. Integrating Scientific Knowledge in Sustainable Forest Management (2013-2015), COST - European Cooperation in Science and Technology.
- Steering Committee and Management Committee of FP0701 Action "Post fire management in Southern Europe" (2008-2012), COST - European Cooperation in Science and Technology.
- Management Committee of FP0603 Action "Forest Models" (2008-2012), COST - European Cooperation in Science and Technology.

National scientific Committees and Commissions

- Working group on Cork of the Italian Ministry for Agricultural, Food and Forest Policies, since 2016.
- Technical advisory board for LULUCF reporting, Italian Ministry of Environment, since 2015.
- Italian National Committee against Hazards, Italian Department for Civil Protection, from 2012 to 2017.
- Wood-chain Advisory Board of the Italian Ministry for Agricultural, Food and Forest Policies, from 2013 to 2017.
- National Poplar Commission of the Italian Ministry for Agricultural, Food and Forest Policies, from 2018.
- National Evaluation Committee (Disciplinary Expert Area 07 - Agricultural and veterinary sciences) of the Quality of the Research of Italian Universities and Research Institutes (VQR 2004-2010; 2011-2014) under the Italian National Agency for the Evaluation of Universities and Research Institutes (ANVUR), 2012-2016
- National Selection Committee (Disciplinary Expert Area 07 - Agricultural and veterinary sciences) in Italian National Funding Program of Researches of National Interest (Italian Ministry for Education, Research and University), PRIN 2010-2011.
- Scientific Advisory Board of the Italian National Committee for Forest, Wood and Paper and the Italian Forest-Based Sector Technology Platform, since 2005.
- National Selection Committee of the Italian Ministry for the Education, Universities and Research for the evaluation of Projects under the National Operative Program "Ricerca Scientifica, Sviluppo Tecnologico, Alta Formazione" 2000/2006 (2002).
- Scientific Advisory Board supporting the Italian National Committee to Combat Drought and Desertification (Italian Ministry of Environment, Land and Sea), 2003-2009.

- Italian National Support Group that has elaborated the Italian Strategic Research Agenda for the Forest-Based Sector (Roma, Italy, 2008, 24 pages), under the European Forest-Based Sector Technology Platform.
- Wood-chain Advisory Board of the Italian Ministry for Agricultural, Food, Forest and Tourism Policies, from 2019.

Responsibilities under Scientific Societies

- Vice-President of the Italian Organization of Agricultural Scientific Associations (AISSA) (2011-2015).
- President of the Italian Society of Silviculture and Forest Ecology (SISEF) (2012-2015).
- Member of the Board of the Italian Academy of Forest Sciences (AISF) (since 2008).

Director of Scientific Series

- CURSA – Studi, piani, progetti “Uomo Ambiente Sviluppo”, Franco Angeli Publisher, Milano, Italy.
- Scienza e Innovazione per i Sistemi Forestali e Ambientali, Aracne Publisher, Roma, Italy.
- CURSA (PAS) SAGGI, CURSA Publisher, Roma, Italy.

Editorial board of scientific journals

- Annals of Silvicultural Research (Editor-in-chief)
- iForest-Biogeosciences and Forestry (Executive editor)
- Italia Forestale e Montana (Associate editor)
- Mathematical and Computation Forestry & Natural-Resource Sciences

Member of University *spin offs*

- Centro Studi Italiano di Geomatica s.r.l. (under University of Molise, Italy), since 2011

Scientific Responsible of international research projects

European Space Agency / Telespazio / Università della Tuscia / Università del Molise: *GMES Service Element – Forest Monitoring*, 2006-2008 (Scientific responsible of partner Università della Tuscia).

European Commission, Progetto Interreg IIC, *Mediaterra - Establishing a media observatory for strengthening the civil protection in the Central and Southeastern Mediterranean basin*, 2007-2008 (Scientific responsible of partner Università della Tuscia).

European Commission, Progetto Interreg IIC, *Managmed - Integrated development and management of Natura 2000 protected areas through innovative techniques in East Mediterranean*, 2007-2008 (Scientific responsible of partner Università della Tuscia).

European Commission, VII Framework Programme (IP ENV.1.3.1.1), *FUME: Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world*, 2010-2012 (Scientific responsible of partner Università della Tuscia).

European Commission, VII Framework Programme, ESF ERC (Grant agreement no. 247349), *AFRICA GHG: The role of African tropical forests on the greenhouse gases of the atmosphere*, 2010-2014 (Scientific responsible of partner Università della Tuscia).

European Commission, ERANET ForestTerra (project number 291832), *Global Change Impacts on Wildland Fire Behaviour and Uses in Mediterranean Forest Ecosystems, towards a « wall less » Mediterranean Wildland Fire Laboratory*, 2014-2017 (Responsabile scientifico di unità di ricerca: Consiglio per la ricerca e la sperimentazione in agricoltura).

Scientific Responsible of national research projects

Ministero dell'Agricoltura e Foreste, Direzione Generale Economia Montana e Foreste, Società Agricola e Forestale (CSAF), *Ricerca sulle possibilità di qualificazione ambientale ed economica del patrimonio forestale del Chianti fiorentino*, 1988-91.

Consiglio Nazionale delle Ricerche, Progetto singolo, *Procedure innovative per la classificazione di tipologie forestali mediante analisi delle relazioni spaziali rilevate con immagini da satellite*, 1995-1998.

Ministero delle Politiche Agricole e Forestali, European Commission, POM Misura 2, *Modelli per un'arboricoltura da legno sostenibile nelle Regioni dell'Italia Meridionale*, DISTAF, Università di Firenze, 1999-2000 (Responsible of Actions 4 e 5).

Ministero delle Politiche Agricole e Forestali, programma Riselvitalia, Unità di Ricerca 4.1.4, *Potenzialità d'uso dei nuovi sensori satellitari ad alta e altissima risoluzione ai fini del monitoraggio delle superfici forestali*, 2001-2007.

Ministero dell'Istruzione, dell'Università e della Ricerca (Programmi di interesse nazionale, PRIN 2003), *Modelli di gestione sostenibile dei sistemi forestali per la conservazione della complessità e della diversità biologica*, 2004-2005 (Responsible of partner Università della Toscana, prot. 2003070747_004).

Ministero dell'Ambiente e della Tutela del Territorio e del Mare, Direzione Protezione della Natura, Progetto di ricerca, P.O. Ambiente – PON ATAS – QCS 2000/2006, *Tutela della biodiversità e recupero post-incendio nelle aree forestali delle Regioni di cui all'Obiettivo 1*, 2004-2005.

Ministero dell'Ambiente e della Tutela del Territorio e del Mare, Comitato nazionale per la Lotta alla Siccità e alla Desertificazione, Progetto di ricerca, *Elaborazione di standard operativi orientati alla gestione sostenibile e all'ampliamento del patrimonio forestale nelle aree sensibili ai processi di desertificazione*, 2004-2005.

Ministero dell'Istruzione, dell'Università e della Ricerca (Programmi di interesse nazionale, PRIN 2005), *Modelli innovativi di gestione forestale per la produzione di biomasse per energia*, 2006-2007 (Responsible of partner Università della Toscana, prot. 2005070005_002).

Ministero dell'Ambiente e della Tutela del Territorio e del Mare, Comitato Nazionale per la Lotta alla Siccità e alla Desertificazione, Progetto di ricerca, *Monitoraggio e valutazione funzionale degli interventi di rimboschimento e olivicoltura per la lotta alla desertificazione in Italia*, 2006-2007.

Ministero dell'Istruzione, dell'Università e della Ricerca (Programmi di interesse nazionale, PRIN 2007), *Metodi innovativi per la identificazione, caratterizzazione e gestione dei boschi vetusti in ambito mediterraneo*, 2008-2009 (Responsible of partner Università della Toscana, prot. 2007TFREJ9_002).

Ministero dell'Istruzione, dell'Università e della Ricerca (Programmi di interesse nazionale, PRIN 2009), *Sperimentazione di modelli e tecniche innovative per la gestione integrata dei combustibili nella prevenzione degli incendi boschivi in foreste mediterranee e temperate*, 2011-2012 (National Coordinator, prot. 2009WH44CF).

Ministero dell'Istruzione, dell'Università e della Ricerca, Programma PON Ricerca 2007-2013, Avviso pubblico 713/Ric., *Laboratorio pubblico-privato per l'applicazione di tecnologie innovative ad elevata sostenibilità ambientale nella filiera foresta-legno-energia*, 2014-2016 (Responsible of partner CREA)

Ministero delle Politiche Agricole e Forestali, programma AGROENER (Energia dall'agricoltura: innovazioni sostenibili per la bioeconomia), Unità Operativa 4.12, *Land-suitability per specie lignocellulosiche*, 2016-2020 (Responsabile scientifico dell'unità operativa).

FederlegnoArredo, Progetto MONIPOPPLAR, Convenzione per collaborazione di ricerca, *Sviluppo di un sistema di monitoraggio annuale della pioppicoltura nella pianura padano-veneta*, 2018-2019 (Responsabile scientifico)

Regione Lombardia, Bando Regione Lombardia per il finanziamento di progetti di ricerca in campo agricolo e forestale (Bando 2018 d.d.s. n. 4403 del 28/03/2018; decreto di approvazione atti d.d.s. n. 19442 del 21/12/2018), *Progetto PRECISIONPOP: Sviluppo di un sistema di monitoraggio multiscale a supporto della pioppicoltura di precisione nella regione Lombardia*, 2019-2021 (Responsabile scientifico di unità operativa)

Technical studies and consultancies on a international level

- European Environment Agency / Accademia Italiana di Scienze Forestali: *European Forest Types: categories and types for sustainable forest management reporting and policy*, 2004-2006.
- FOREST EUROPE, UNECE, FAO: *State of Europe's Forests 2011. Status and Trends in Sustainable Forest Management in Europe*, 2011.
- Deutsche Forstservice (DFS): *Support Program for the Development of the Forestry Sector in Rwanda - Phase II, Revision of the District Forest Management Plans in 6 Districts*" funded by the Belgian Technical Cooperation (tender number RWA 724/05/RFP/RNRA/PAREFBE2/2013), 2014-2015.
- FOREST EUROPE, UNECE, FAO: *State of Europe's Forests 2015. Status and Trends in Sustainable Forest Management in Europe*, 2015.
- Deutsche Forstservice (DFS): *Support Program for the Development of the Forestry Sector in Rwanda - Phase II, National Forest Inventory*" funded by the Belgian Technical Cooperation (tender number RWA 725/02/RFP/RNRA/PAREFBE2/2013), 2015-2016.

Scientific publications

He has authored over 510 scientific and technical publications, of which more than 160 on ISI WoS or Scopus journals, and 18 books. He has been also the editor or co-editor of 13 scientific books.

H-index ISI WoS = 27; H-index Scopus = 30.