

## Curriculum Vitae

<b>Personal information</b>	
Surname / First name	<b>Giacomo Trombi</b>
Address Italy	c/o DiPSA – Agronomia – Piazzale delle Cascine, 18 50144 Firenze, Italy
Telephone	+39.055.32.88.257
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E-mail	giacomo.trombi@unifi.it
Address Austria	Schlossplatz 1 A-2361 Laxenburg, Austria
Telephone	+43.22.36.807.571
E-mail	trombi@iiasa.ac.at
Nationality	Italian
Date of birth	11.04.1978
Status	Married with Paola Molino Father of Giuseppe Trombi (born 21.05.2009)
Gender	Male
<b>Work experience</b>	
Dates	01/2007 – present
Occupation or position held	Research Fellow
Main activities and responsibilities	<p>Research lines: Climate change impact on agriculture. Mitigation: strategies and options for lowering the emissions/increase carbon sequestration at farm level. Adaptation: farm level options to adapt to the climate as in future scenarios. Agro-meteorology modelling (development and implementation): software development, website management, data extraction and elaboration, database management.</p> <p>Responsible for server, website and database management of the “Progetto per il rilevamento e il monitoraggio dei consumi della risorsa idrica in toscana”.</p> <p>Currently member of the project MEDIATION, SATREGAS, QUACOM. Formerly team member of the projects: (i) ADAM - ADAM Digital Compendium; (ii) CLARINO; (iii) PICCMAT; (iv) AG2020; (v) Progetto per il rilevamento e il monitoraggio dei consumi della risorsa idrica in toscana; (vi) ICONE;</p>
Name and address of employer	DiPSA – Dipartimento di Scienze delle Produzioni Vegetali, del Suolo e dell’Ambiente Agroforestale (Department of Plant, Soil and Environmental Science) – Prof. Marco Bindi’s research group on “Agro-meteorology and Modelling” Facoltà di Agraria – Università degli Studi di Firenze Piazzale delle Cascine 18 - 50144 Firenze, Italy
Type of business or sector	University (Academic Research)
Dates	08/2011 – present
Occupation or position held	Research Scholar

Main activities and responsibilities	Research lines: Climate change impact on agriculture. Adaptation: farm level options to adapt to the climate as in future scenarios. Agro-meteorology modelling (development and implementation): data extraction and elaboration, database management.
Name and address of employer	IIASA – International Institute for Applied Systems Analysis Risk and Vulnerability (RAV) Program Disasters, Adaptation and Development (DAD) Group (coordinated by Dr. Reinhard Mechler) Schlossplatz 1 A-2361 Laxenburg, Austria
Type of business or sector	International research organization
Dates	06/2006-12/2006
Occupation or position held	External collaborator
Main activities and responsibilities	Digital data gathering and processing in order to create thematic maps of the territory within the e-Ecorisk project.
Name of employer	CNR – IBIMET (Italian National Research Council - Institute of Biometeorology)
Type of business or sector	Research
<b>Education and training</b>	
Dates	10/1997 - 10/2005
Title of qualification awarded	Bachelor in Agricultural Sciences (Scienze e Tecnologie Agrarie) 104/110
Principal subjects/occupational skills covered	Agricultural Sciences (Agronomy, Soil Science, Livestock management, Food production)
Name and type of organisation providing education and training	University of Florence, Italy
Dates	1-15/07/2003
Type of experience	Summer school in Rural Development
Place	Sarajevo, BiH
Name and type of organisation providing education and training	Tempus Project, University of Sarajevo
Dates	01/03/2003 – 30/06/2003
Type of experience	Master thesis research
Place	Lushnje – Tirane, Albania
Name and type of organisation providing education and training	Agricultural Experimental Station of Lushnje Agricultural University of Tirane
Dates	9/1999 - 2/2000
Type of experience	Erasmus Exchange
Place	Aberdeen, Scotland, UK
Name and type of organisation providing education and training	University of Aberdeen, Scotland, UK
<b>Teaching Activity</b>	
Degree	Bachelor in Forestry and Environmental Sciences; Bachelor in Wood technologies; Bachelor in Viticulture and Wine production – University of Florence
Course	Computer Science
Type	Lectures
Hours	12
Period	Academic Years 2006/2007, 2007/2008, 2008/2009
Degree	Bachelor in Forestry and Environmental Sciences; Bachelor in Wood technologies; Bachelor in Viticulture and Wine production – University of Florence
Course	Computer Science

Type	Laboratory
Hours	12
Period	Academic Years 2006/2007, 2007/2008, 2008/2009
Degree	Master of Sciences in Rural Development and Sustainable Techniques – University of Florence
Course	Advanced Computer science
Type	Lectures
Hours	12
Period	Academic Year 2008/2009
Degree	Bachelor in Agricultural Sciences – University of Florence
Course	Herbaceous Cultivations
Type	Lectures
Hours	3
Period	Academic Years 2004/2005, 2005/2006
Degree	Bachelor in Tropical Agricultural Sciences – University of Florence
Course	Tropical Herbaceous Cultivations
Type	Lectures
Hours	3
Period	Academic Year 2005/2006
Degree	Bachelor in Herbal Sciences – University of Florence
Course	Herbaceous Cultivations
Type	Lectures
Hours	3
Period	Academic Year 2005/2006
Degree	Master Degree in "Geomatics and Natural Resources Evaluation" - Istituto Agronomico per l'Oltremare
Course	Climatology and Agrometeorology – GIS and crop simulation software
Type	Lectures and Laboratory
Hours	9
Period	Academic Years 2007/2008, 2008/2009, 2009/2010, 2010/2011
<b>Workshop and Conference organisation</b>	
Dates and Place	11/11/2010 – Florence, Italy
Title	Workshop “I riflessi dei Cambiamenti Climatici sul Settore Agricolo e sul Turismo in Toscana” – MEDIATION stakeholders consultation workshop
Role	Chair
Organisers	DiPSA
Dates and Place	8/12/2009 – Bruxelles, Belgium
Title	Workshop “Changing agricultural policies and possible conflicts in the future” - AG2020 end-user conference
Role	Organiser – Speaker
Organisers	AG2020 project partners – DiSAT
Dates and Place	8/12/2009 – Bruxelles, Belgium
Title	Workshop “Changing agricultural policies and possible conflicts in the future” - AG2020 end-user conference
Role	Organiser – Speaker
Organisers	AG2020 project partners – DiSAT
Dates and Place	8/12/2009 – Bruxelles, Belgium
Title	Workshop “Changing agricultural policies and possible conflicts in the future” - AG2020 end-user conference
Role	Organiser – Speaker
Organisers	AG2020 project partners – DiSAT
Dates and Place	21-23/09/2009 – Florence, Italy
Title	Congress “XXXVIII Convegno Nazionale della Società Italiana di Agronomia (SIA)” (National Congress of the Italian Society of Agronomy)
Role	Organiser

Organisers	DiSAT - SIA
Dates and Place	25/06/2008 – Bruxelles, Belgium
Title	Workshop "Climate Change Mitigation in Agriculture – Policy options for the Future"
Role	Organiser – Speaker
Organisers	PICCMAT project partners - DiSAT
Dates and Place	30/04/2008 – Florence, Italy
Title	Workshop "The role of agricultural practices in climate change mitigation strategies"
Role	Organiser – Invited Speaker
Organisers	DiSAT – PICCMAT project coordinator

**Workshop and Conference participation**

Dates and Place	4/11/2010 – Budapest, Hungary
Title	Workshop "Adaptation to Climate Change in the Agricultural Sector of South Eastern Europe" – MEDIATION Building Capacity Workshop
Role	Speaker
Organisers	MEDIATION project - REC
Dates and Place	3/09/2009 – Chania, Greece
Title	Expert Workshop on "Images of the Future and Policy Scenarios for the AG2020"
Role	Participant
Organisers	AG2020 coordinator
Dates and Place	2/02/2009 – Seville, Spain
Title	Workshop: Climate Change impacts in Guadiana River Basin
Role	Invited Speaker
Organisers	University of Barcelona – ADAM project
Dates and Place	28/10/2008 – Bruxelles, Belgium
Title	Symposium "Addressing the climate challenge – what can agriculture do? Ideas from Europe and beyond"
Role	Participant
Organisers	PICCMAT project coordinator
Dates and Place	24-25/07/2008 – Rome, Italy
Title	Workshop: CLIMTRAIN - "Climate Change an Agriculture: setting the scene"
Role	Invited Speaker
Organisers	IFAD (International Fund for Agricultural Development)
Dates and Place	19-23/06/2008 – Kyoto, Japan
Title	World Students Environmental Summit
Role	Participant
Organisers	University of Kyoto

**Personal skills and competences**

Mother tongue(s) **Italian**

Other language(s)  
Self-assessment  
*European level (\*)*

**English**

**French**

**German**

**Spanish**

**Albanian**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	B2	Proficient user	C1	Proficient user	B2	Independent user
B1	Independent user	B1	Independent user	A2	Basic User	A2	Basic User	A2	Basic User
A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User	-	-
A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User	-	-
A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User	-	-

Computer skills and competences	(*) <i>Common European Framework of Reference for Languages</i>
	<u>Operative Systems</u>
	<ul style="list-style-type: none"> <li>○ Expert user of Windows OSs, Mac OS X</li> <li>○ Advanced user of Linux OS</li> </ul>
	<u>Productivity</u>
	<ul style="list-style-type: none"> <li>○ Expert user of Microsoft Office tools</li> <li>○ Expert Internet user (search engines, databases, etc)</li> <li>○ Good user of Unix-like shells (SSH, bash, FTP, etc)</li> <li>○ Good user of GIS-software (ArcView, ArcInfo)</li> <li>○ Good user of crop simulation model (CropSYST)</li> <li>○ Advanced user of Graphic Software (Vector-based: Adobe Illustrator, Good user of The Gimp; Raster-based: Adobe Photoshop, Good user of Surfer)</li> <li>○ Advanced user of non-MS Office Suite (OpenOffice, iWork)</li> </ul>
	<ul style="list-style-type: none"> <li>○ Advanced programmer (Python, PHP, HTML/CSS, Javascript)</li> <li>○ Advanced user of Javascript free libraries (Scriptaculous, Prototype, MooTools, jQuery, etc)</li> <li>○ Advanced CMS editor (Responsible of website of Ce.R.A. with the CMS - based on MD-Pro- developed by CSIAF - University of Florence)</li> <li>○ Good programmer of ASP, Visual Studio (v.6)</li> <li>○ Good user of DBMS (MS Access) Advanced user of MySQL</li> </ul>

## Publications

Selected Recent Publications

- TROMBI G., MORIONDO M., BINDI M., FAGARAZZI C., FERRISE R., CAI M., (2011) The impacts of the climate change on Tuscan viticulture: qualities, areas and landscapes, Proceedings of the First European Conference on Wine and Food Tourism, Edited by Romano M.F., ISBN 978-884672967-5
- RIVAROLA SOSA J.M., BRANDANI G., DIBARI C., FERRISE R., MORIONDO M., TROMBI G., BINDI M., (2011) Change impact on the hydrology balance of the itaipu incremental basin, Meteor.Applic., doi 10.1002/met.213
- MORIONDO M., BINDI M., FAGARAZZI C., FERRISE R., TROMBI G., (2010) Framework for high-resolution climate change impact assessment on grapevines at a regional scale, Reg. Env. Chan., doi DOI: 10.1007/s10113-010-0171-z
- WERNERS S.E., WEST J., LEEMANS R., TÀBARA J.D., DAI X., FLACHNER Z., COTS F., NEUFELDT H., MCEVOY D., TROMBI G., (2010) Opportunities and constraints for climate adaptation in regional water and land use planning, in "The Economic, Social and Political Elements of Climate Change", edited by Leal Filho, W., Springer 2010, doi 10.1007/978-3-642-14776-0\_40
- WERNERS S.E., TÀBARA J.D., NEUFELDT H., MCEVOY D., DAI X., FLACHNER Z., WEST J., COTS F., TROMBI G., LUGERI N., MATCZAK P., NABUURS G.-J., (2010) Mainstreaming adaptation in regional land use and water management, in "Making Climate Change Work for Us", edited by Hulme M. and Neufeldt H., Cambridge University Press, 230 - 260
- MORIONDO M., PACINI C., TROMBI G., VAZZANA C., BINDI M. (2010) Sustainability of dairy farming system in Tuscany in a changing climate, Eur. J. Agron. (2009), doi:10.1016/j.eja.2009.05.001
- MORIONDO M., FERRISE R., DIBARI C., GOZZINI B., TROMBI G., BINDI M. (2010) Clarinet Project: Analysis of the impact of climate change on agriculture and forestry system Tuscan | [Progetto clarino: Analisi dell'impatto dei cambiamenti climatici sul sistema agricolo-forestale toscano], Ital. J. Agrono. (2009), ISSN: 18248705
- WERNERS S.E., BINDI M., COTS F., DAI X., FLACHNER Z., MATCZAK P., MCEVOY D., MORIONDO M., LUGERI N., NABUURS G.-J., NEUFELDT H., TÀBARA J.D., TROMBI G., WEST J., (2009) Final results of the regional case studies, ADAM project
- BINDI M., MORIONDO M., TROMBI G., (2009) Focus on the hotspot: Adaptation measures to cope with climate change in Guadiana River Basin - ADAM Digital Compendium, ADAM PROJECT, <http://adam-digital-compendium.pik-potsdam.de/>
- VAN DEN EYNDE M., ORIOLI L., TROMBI G., (2009) Exploring the Limits of Participatory Democracy, Europolis: journal of political science and theory, 5

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Proceedings & Abstracts

- MORIONDO M., BINDI M., TROMBI G., (2009) Application of a framework for high resolution climate change impact assessment on grapevine (*Vitis vinifera* L.) at regional scale : phenology, yield and biotic stress responses, IOP Conf. Ser.: Earth Environ. Sci. 6 Volume 6 (2009) 372031
- MORIONDO M., FERRISE R., DIBARI C., GOZZINI B., TROMBI G., BINDI M., (2009) Analisi economica dell'impatto dei cambiamenti climatici sul sistema agricolo-forestale toscano, CLIMA E AGRICOLTURA: Strategie di adattamento e mitigazione, QUADERNO DEGLI ABSTRACT del 12° Convegno nazionale di Agrometeorologia, AIAM 2009
- RIVAROLA SOSA J.M., BRANDANI G., DIBARI C., FERRISE R., MORIONDO M., TROMBI G., BINDI M.,(2009) Gli Impatti dei Cambiamenti Climatici sul Bilancio Idrogeologico del Bacino di Itaipu (Brasile) – Una Prima Analisi, XXXVIII Convegno Nazionale SIA, Firenze 2009
- MORIONDO M., FERRISE R., DIBARI C., GOZZINI B., TROMBI G., BERNETTI I., FAGARAZZI C., BINDI M., (2009), Analisi economica dell'impatto dei cambiamenti climatici sul sistema agricolo toscano, XXXVIII Convegno Nazionale SIA, Firenze 2009
- TATSCH J.D., BRANDANI G., DIBARI C., FERRISE R., MORIONDO M., TROMBI G., BINDI M., (2009), Applicazione del modello CropSyst per la canna da zucchero nel sud-est del Brasile, una prima analisi, XXXVIII Convegno Nazionale SIA, Firenze 2009
- VECCHIO V., PALCHETTI E., ANDRENELLI L., TROMBI G., CARDINI G., DISHNICA T., (2003) Sviluppo rurale in Albania: valorizzazione delle piante medicinali e aromatiche (pma). Conferenza Internazionale "POLITICHE AMBIENTALI: STRUMENTI E METODI", Tirana-Scutari (Albania) 5-6 dicembre 2003
- WERNERS S.E., WEST J., LEEMANS R., TÀBARA J.D., DAI X., FLACHNER Z., COTS F., NEUFELDT H., MCEVOY D., TROMBI G., (2009) Opportunities and constraints for climate adaptation in regional water and land use planning, klima2009

Posters

- MORIONDO M., BINDI M., TROMBI G., (2008) Impact of Climate Change on Grapevine (*Vitis Vinifera* L.) at regional Scale: Phenology, Yield and Biotic Stress Responses, X Congress of ESA - Multi-functional Agriculture - Agriculture as a Resource for Energy and Environmental Preservation, Bologna 2008

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Wien, 11 August 2011

Giacomo Trombi