

# Livia Ortolani

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Place and Date of Birth: Roma 25/05/1979  
Nationality Italian

## EDUCATION

January 2010 – June 2015	<p><b>PhD in Environmental and Development Economics</b> <i>University of Roma Tre, Faculty of Economics, Via Silvio d'Amico 77 00145 Rome, Italy.</i></p> <p><i>August – September 2014 - PhD Fellow at Institute for Food and Resource Economics - University of Copenhagen</i></p> <p>Thesis: <b>“Transitions to sustainable socio-technical regimes in organic agriculture”</b>. Prof.ssa Maria Fonte, University of Napoli Federico II; Dott.ssa Silvia Nenci, University of Roma Tre; Prof. Morten Gylling, University of Copenhagen.</p> <p>Modules passed in 2012: Econometrics, Mathematics, Microeconomics, Macroeconomics, High level Development Economics, Graph models, Innovation and Development.</p>
September 2008 – September 2009	<p><b>Master of Science (MSc) in Ecological Economics (with distinction)</b> <i>University of Edinburgh – School of Geoscience and Scottish Agricultural College (SAC) - West Mains Road, Edinburgh, EH9 3JG, Scotland, UK.</i></p> <p>Final Dissertation: <b>“Setting participation policies in agriculture and conservation. An application of Fuzzy Cognitive Maps in Belgium”</b>.</p> <p>Modules: Foundation of Ecological Economics, Project Appraisal, Research Methodology, Land use and environment interactions, Applications of Ecological Economics, Integrate Resource Planning.</p> <p>2008 – Scholarship from University of Rome “La Sapienza” to study abroad.</p>
September 1998 – December 2003	<p><b>Degree in Geography (equivalent to a Master) - vote 110/110 with distinction</b> <i>University of Rome, “La Sapienza” – Piazzale Aldo Moro 5, 00161, Rome, Italy.</i></p> <p>The degree was based on a 4 years structure with 21 exams helded in different faculties (Economics, Architecture, Natural Science, Sociology, Letter) with a clear interdisciplinary approach. 2 language tests, English and Spanish has been required and a final thesis of about one year.</p> <p>Thesis on <b>“Sustainable agriculture in Rome Municipality, with particular attention to the natural parks of Marcigliana and Decima Malafede”</b> - Prof. Tiziana Banini – Prof. Cosimo Palagiano – Geography Department</p> <p>The Thesis has won: Scholarship at the Regional Body “RomaNatura” which manages City of Rome’s natural parks. Award Degree thesis in organic agriculture “Augusto Finzi”, funded by the City of Venice.</p>

## PROFESSIONAL EXPERIENCE

March 2016 - present	<b>Post Doctoral Researcher</b> <i>University of Roma Tre Economic and Social Research Centre "Manlio Rossi Doria" - Supervisor Prof. Luca Salvatici</i> <i>Biodiversity International - CGIAR - Impact Assessment Unit</i> <b>Modeling to estimate the value of social benefits arising from safeguarding agriculture and tree biodiversity</b>
April 2014 - December 2014	<b>Researcher on Socio-economic evaluation of food systems</b> <i>University of Pisa. Agro-environmental Research Centre "E.Avanzi" - Supervisor Prof. Gianluca Brunori</i>
Settembre 2009 – February 2016	<b>Research Office Manager</b> <i>AIAB – Italian Association for Organic Agriculture, Largo Dino Frisullo snc 00153 Roma. – www.aiab.it</i> Member of the AIAB Scientific Board with responsibility of Research Project and Financial Manager. Main activities: <ul style="list-style-type: none"><li>· Development of project proposals and coordination of partner project activities with a focus on the following issues: Innovation, Climate Change, Sustainability of Organic Agriculture, Urban farming, Short Food Supply Chains.</li><li>· Participation to Working Groups of EU projects (FP7) as representative of AIAB, also with a role of WP Leader.</li><li>· Socio economics research activities such as:<ul style="list-style-type: none"><li>- Context analysis with stakeholders involvement (eg. Project SOLIBAM study on seeds origin in Italian organic farms, Project SUPURBFOOD, study on urban farming in Rome)</li><li>- Cost and Energy evaluation of agronomic techniques (eg. Project INTERVEG Analysis of Cost and energy consumption of Living Mulch)</li></ul></li><li>· Monitoring and coordination of field activities developed by consultant in 15 Italian regions and data analysis.</li><li>· Promotion and organisation of field days to involve stakeholders in research projects</li><li>· Definition of innovative methodologies to involve stakeholders in agricultural research projects</li></ul> Management of relationships with funding agencies at regional, national and European level. Projects are divided by funding agency. For each project there is the acronym, the title and the main topic.
MAIN PROJECTS	
<b>EUROPEAN COMMISSION</b>	
FP7 and H2020 RESEARCH PROGRAMMES	2015-2017 H2020 Thematic Network <b>OK-Net Arable</b> for more knowledge exchange in organic farming. (Coordinated by IFOAM EU, Brussels) - Main topic: AGRICULTURAL KNOWLEDGE EXCHANGE <a href="http://www.ok-net-arable.eu">www.ok-net-arable.eu</a> 2010 – 2014 - <b>SOLIBAM</b> – “ <i>Strategies for Organic and Low-input Integrated Breeding and Management</i> ”. (coordinated by INRA, France). – Main topic: AGROBIODIVERSITY AND INNOVATION <a href="http://www.solibam.eu">www.solibam.eu</a>

<p><b>ERA-NET CORE ORGANIC 2</b></p>	<p>2012 – 2015 - <b>SUPURBFOOD</b> – “Towards sustainable modes of urban and peri-urban food provisioning” (coordinated by Wageningen Universiteit - The Netherlands). - Main topic: URBAN FARMING <a href="http://www.supurbfood.eu">www.supurbfood.eu</a></p> <p>2012-2015 <b>STABIWINE</b> – Use of biopolymers for sustainable stabilization of quality wines (coordinated by AIAB). Main topic: ENOLOGY AND VITICULTURE <a href="http://www.stabiwine.eu">www.stabiwine.eu</a></p> <p>2011-2014 <b>INTERVEG</b> – Enhancing multifunctional benefits of cover crops – vegetables intercropping (Coordinated by CRA-RPS - Italy). <a href="http://www.coreorganic2.org/InterVeg">www.coreorganic2.org/InterVeg</a> – Main topic: LIVING MULCH</p> <p>2011 – 2014 <b>AUTHENTIC FOOD</b> - Fast methods for authentication of organic plant based foods (Coordinated by University of Copenhagen - Denmark). <a href="http://www.coreorganic2.org/AuthenticFood">www.coreorganic2.org/AuthenticFood</a> - Main topic: TRACEABILITY</p> <p>2012 – 2015 <b>COBRA</b> – Coordinating Organic Plant Breeding activities for diversity (coordinated by ORC Organic Research Centre - UK). - Main topic: AGROBIODIVERSITY AND BREEDING <a href="http://www.cobra-div.eu">www.cobra-div.eu</a></p>
<p><b>ITALIAN MINISTRY OF AGRICULTURE</b></p>	<p>2011-2013 <b>VIVAINBIO</b> “Gestione delle colture protette in agricoltura biologica” (coordinated by CRA-RPS). – Main topic: PROTECTED CROPS IN OA</p> <p>2009 - 2013 <b>BIOMED</b> – “Tecnologie innovative per la protezione biologica di colture mediterranee da patogeni e parassiti tellurici” (coordinated by CNR, Bari). – Main topic: BIOLOGICAL CONTROL</p> <p>2009 – 2013 <b>BIOQUALIA</b> – “Qualità nutrizionale e organolettica e impatto ambientali di produzioni biologiche. Un caso studio: il melo” (Coordinated by INRAN). - Main topic: SUSTAINABILITY AND QUALITY</p> <p>2009-2012 <b>ORWEEDS</b> – Metodi indiretti per la gestione delle infestanti in orticoltura biologica (coordinated by CRA-RPS) – WEED MANAGEMENT</p>
<p><b>RURAL DEVELOPMENT PLAN – LAZIO REGION</b></p>	<p>2013 – 2015 <b>APIOB</b> “Agroecologia Partecipativa in Orticoltura Biologica” (Coordinato da AIAB Lazio) Main topic: AGROECOLOGY AND INNOVATION</p> <p>2014 – 2018 <b>SOLMACC</b> Strategies for organic and low-input farming to mitigate and adapt to climate change (coordinated by IFOAM EU) - Main topic: Climate Change.</p>
<p><b>EUROPEAN COMMISSION – LIFE PROGRAMME</b></p>	<p>2010 – 2013 <b>MAIE</b> - Multifunctional Agriculture in Europe (LEONARDO THEMATIC NETWORK ) <a href="http://www.maie-project.eu">www.maie-project.eu</a> - Main Topic: SOCIAL FARMING</p>
<p><b>EUROPEAN COMMISSION – LIFE LONG LEARNING PROGRAMME</b></p>	<p>2011 -2013 <b>SUSVIT 2</b> – Sustainable Viticulture on Farm Innovative itinerant training on European organic viticulture and wine making (GRUNDTVIG PARTNERSHIP coordinated by AIAB)</p> <p>2008 -2010 <b>SUSVIT</b> – Sustainable Viticulture on Farm Innovative itinerant training on European organic viticulture and wine making (GRUNDTVIG PARTNERSHIP coordinated by AIAB)</p> <p>2009 – 2012 <b>COLUMELLE</b> – Cultivated Biodiversity (LEONARDO PARTNERSHIP coordinated by RSP)</p>

September 2009 - present

### **Support to specific project activities**

*FIRAB, Fondazione Italiana per la Ricerca in Agricoltura Biologica, Largo Dino Frisullo snc, 00153 Roma. [www.firab.it](http://www.firab.it)*

2014-2017 **TRANSMANGO** - Vulnerability and Resilience of European Food systems (coordinated by KU Leuven, Belgium) Main topic: RESILIENCE, ADAPTATION [www.transmango.eu](http://www.transmango.eu)

2013-2016 **GLAMUR** - Global and local food assessment: a multidimensional performance-based approach (EU FP7 Coordinated by FIRAB) Main Topic: SUSTAINABILITY OF FOOD SYSTEMS [www.glamur.eu](http://www.glamur.eu)

**DARE** – Democratizing Agricultural Research (EU LLP Programme GRUNDTVIG PARTNERSHIP coordinated by FIRAB) Main topic: STAKEHOLDERS INVOLVEMENT IN RESEARCH

**SOS-BIO** – “Sviluppo di uno strumento per la valutazione della sostenibilità agro-ambientale di sistemi agricoli biologici basato su indicatori facilmente rilevabili: il caso dell’agricoltura biologica”. (funded by the Italian Ministry of Agriculture and coordinated by SSSUP (Scuola Superiore Sant’Anna di Pisa). Role: WP Leader and coordination of data collection campaign in 6 Italian regions. Main topic: SUSTAINABILITY

Analysis of research needs in organic farming in 2010, funded by ARSIA Toscana, on the base of a survey on public experimental sites and centre for innovation transfer in organic farming in all Italian regions. Main topic: RESEARCH NEEDS

Aprile 2007 –  
Settembre 2008

**Natural Resource management office manager.**

*AIAB Associazione Italiana per l’Agricoltura Biologica, Via Piave 14, 00187 Roma.*

Research activities related to the relationship between agriculture and environment, with particular focus on natural resource management in Italian national parks and regional protected areas.

Participation to public conferences and events (eg. International Conference “Organic Farming and Food Security” –3-5 May 2007 – FAO; Convention on Biodiversity – Subsidiary Body on Scientific, technical and technological advice – 13th meeting (18-22 February, 2008 – FAO)

PROJECTS

Bioeccellenze nei Parchi Nazionali Italiani – founded by the Italian Ministry of Environment, coordinated by AIAB, project partners: Federparchi e Legambiente - www.bioeccellenze.org. Main activities: Creation of a data base with more than 400 organic farms in National Parks and coordination of the national field survey, project manager and project proposal definition.

**Extension service to the farms with the label “Natura in Campo”** (founded by ARP Lazio Region). Main activities: Project proposal, project manager, field survey to define target beneficiaries, training courses for local farmers on organic agriculture.

July 2003- February  
2007

**Support to the AIAB office for Parks and Promotional Campaigns and information booth on short chain.**

*CEDA Cooperativa Ecologica Divulgazione Ambientale, via Fontana delle Catenacce, 42 Montecompatri (RM).*

*ARCI Servizio Civile Roma (luglio 2003-luglio 2004)*

ACTIVITIES

**Promotion of organic farming and livestock for an integrated sustainable development of regions of the Natural Protected Areas managed by Rome Province Administration.** (founded by Rome Province). Main activities: Animation of the participatory local development process (identification of farms in the area of the project, development of project proposal, coordination of project activities, development of communication material, coordination of training courses and extension services, relationships with local public administration et.); Organisation of the Conference “Organic Agriculture in natural protected areas. Experiences and ideas” – Rome April 2005.

2004 – 2007

**Biologico di Qualità per tutti** (Cofounded European Commission and Italian Ministry of Agriculture, Promotion programme on internal market - II serie 2003 rif. Feoga 050804 01- 3800 290.). Main activities: Management of information service for consumers and producers on short food supply chain and organic agriculture.

2003-2006

2004 – 2007	<b>National Promotion campaigns on Organic Agriculture (Biodomenica e Primavera Bio).</b> Main activities: coordination of events at national level, fundraising, relationship with public administration and partner of the campaigns, development of communication material, logistic organisation of events in Rome and Lazio region.
2004-2007	<b>Public Fair activities – (SANA Bologna and Biofach Norimberga).</b> Main activities: support in the management of the AIAB collective area, management of tasting area, conference room and educational activities.
2003-2007	<b>National Network of AIAB School Farms.</b> Main activities: management of national network, training courses for farmers, promotion of the network in fair and public events, conferences on the issue of environmental and food education.

## TRAINING COURSES

September 2006 – March 2007	<b>Planning production and marketing in organic agriculture</b> Professional training course (200 hours) Funded by Lazio Region.
September – December 2004	<b>Agroecologia: Disenano agroecosistemas biodiversos y sustentables.</b> Training course in spanish language of prof. M. Altieri and dott. Clara Nicolson - Berkley University USA and Redcapa Brazil

## PERSONAL SKILLS

<b>Mother tongue</b>	Italian				
<b>Other Languages</b>	Understanding		Speaking		Writing
	Listening	Reading	Interaction	Spoken production	
English	C2	C2	C2	C2	C2
	IELTS Certificate 2008				
Spanish	C1	B2	C1	C1	B1
	DELE - Nivel Intermedio 2004				
French	B1	B1	A2	A2	B1
<b>Social skills and competences</b>	<ul style="list-style-type: none"> <li>• Team working</li> <li>• Working groups management (es. WP leader in research projects).</li> <li>• Public presentation skills both to present the work done and to represent a specific institution in different contexts (from scientific conferences to political events).</li> <li>• Capacity to interact with heterogeneous actors (farmers, researchers and public administrators)</li> </ul>				
<b>Professional Skills</b>	<ul style="list-style-type: none"> <li>• Capacity to manage interdisciplinary working groups with international participants.</li> <li>• Capacity to manage and organize public events for promotion and communication (national promotion campaign, participation to TV shows, international conferences, fair etc.).</li> </ul>				
<b>Competenze informatiche</b>	Optimum knowledge of Word, Excel, PowerPoint, Internet ed Outlook. Basic use of R, STATA, MiniTab. Use of Pajek for Network Analysis. Knowledge of Autocad, Arcview, Mapinfo.				

<b>Driving Licence</b>	Yes Italian B
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## **POLITICAL ACTIVITY**

November 2014 - present	<b>Italian Council Member – IFOAM EU International Federation of Organic Agriculture Movements</b> Main duties: Monitoring of European Policies related to Organic Farming, Advocacy for the Italian Organic Sector. Comments on Policy Papers.
September 2009 – present	<b>Council Member – FIRAB Italian Foundation for Research in Organic and Byodynamic Agriculture</b>
November 2009 – November 2015	<b>Council Member – RIRAB Italian network for Research in Organic Agriculture. - RIRAB, C/O Dipartimento Agroalimentare del Consiglio Nazionale delle Ricerche (CNR), Piazza Aldo Moro 7, 00186 Roma.</b> Main Duties: Definition of main research topics for organic farming at national level with a focus on stakeholders involvement.
June 2007 - present	<b>Council Member – AIAB Lazio Italian Association for Organic Agriculture – Lazio Region.</b>
15 settembre – 15 novembre 2007	<b>AIAB representative in National Consultation “Free of GMO”</b>

## **PUBLICATIONS**

- Grando, S., Jahrl, I., Ortolani, L. (2015) Grassroots versus business oriented short food chain models – Competitors or partners? Evidences from Rome and Zurich. In Proceedings of the Second International Conference on Agriculture in an Urbanizing Society. Reconnecting Agriculture and Food Chains to Societal Needs. 14-17 September 2015. Rome. Italy.
- Ortolani, L., Cucco, I. Fonte, M. (2015) Transition pathways in participatory plant breeding programs: a farm-level network analysis. In Proceedings of the Second International Conference on Agriculture in an Urbanizing Society. Reconnecting Agriculture and Food Chains to Societal Needs. 14-17 September 2015. Rome. Italy.
- Dinis, I, Ortolani, L., Bocci, R. and Brites, C. (2015). Organic agriculture values and practices in Portugal and Italy. *Agricultural Systems*, 136, 39-45.
- Grando, S. ad Ortolani, L. (2015) Short Food Chains in Rome: Context, experiences, policy implications. In *Urban Agriculture Magazine City Region Food Systems* 29:57-59.
- Ortolani, L. Grando, S. Cucco, I. (2014). Relational patterns in the short food supply chains initiatives in the city of Rome: clusters, networks, organisational models. *Spanish Journal of Rural Development*. 5, special: 35-48.
- Kristensen, H. L., Xie, Y., Bavec, F., von Fragstein, P., Campanelli, G., Ortolani, L., & Canali, S. (2014). Can new organic cropping systems produce vegetables with lower use of resources and losses of nitrate?.
- Ortolani, L. Bocci, R., Gylling, M., Brunori, G. (2014) Network analysis for sustainability assessment of innovative farms. A description of farm structure based on farmers’relationships. In Chable V., Goldinger, I, Howlett SA, Barberi, P., Miko P., Mendes-Moreira PMR, Rakszegi M., Ostergard H, Borgen A., Finckh MR, Pedersen T, Bocci, R. (eds.) 2014. Diversity strategies for organic and low input agricultures and their food systems. Book of abstracts of Solibam final

congress, Nantes, 7-9 July 2014.

- Bocci, R., Ortolani, L., Pearce, B. Chable, V. (2014) Agriculture for a future society: challenging paradigms. In Chable V., Goldinger, I, Howlett SA, Barberi, P., Miko P., Mendes-Moreira PMR, Rakszegi M., Ostergard H, Borgen A., Finckh MR, Pedersen T, Bocci, R. (eds.) 2014. Diversity strategies for organic and low input agricultures and their food systems. Book of abstracts of Solibam final congress, Nantes, 7-9 July 2014.
- Ortolani, L., Kristensen, H.L., Campanelli, G., Bavec, M. Bavec, F. von Fragstein, P. Bergmam, A., Leteo, F. Canali, S. (2014) Cost and energy evaluation of organic cauliflower in sole crop and living mulch systems in three European countries. Proceedings of the 18th Organic World Congress, Istanbul October 2014.
- Grando, S., Henke, R., Ortolani, L., Vanni, F. (2014) "Food and beyond. Multifunctional farms in the metropolitan context of Rome. Accepted for IFSA Symposium Berlin April 2014.
- Grando, S., Henke, R., Ortolani, L., Vanni, F. (2013) "Meeting the needs of a capital city: multifunctional agriculture in Rome. In Book of abstract of 5th AESOP Conference on Sustainable Food Planning.
- Ortolani, L. (2013) "A network analysis of the short food chain actors in Rome" in Proceedings of the XXVth ESRS Congress, helded in Florence from 29 July to 1 August 2013.
- Triantafyllidis, A. Ortolani L. (2013) "La certificazione partecipativa in agricoltura biologica come opportunità per la definizione di sistemi alimentari locali sostenibili". In *Agriregionieuropa* 32.
- Bocci, R. Ortolani, L. Ceccarelli, S. (2013) Evolutionary Plant Breeding in Italy, International Symposium on Evolutionary Breeding in Cereals.
- Aguilera, E Guzman G. Ortolani L. (2013) "Adapting Climate change in the Mediterranean Region: The potential benefit of organic agriculture" in IFOAM /Dossier "Organic Agriculture A strategy for Climate Change Adaptation". IFOAM EU Group :15-17.
- Micheloni, C., Ortolani L. (2012)"Il vino biologico" in *Bioreport 2012 "L'agricoltura biologica in Italia" Rete Rurale Nazionale 2007-2013.*
- Tittarelli, F. e Ortolani, L. (2012) La concimazione carbonica in serra per produzione biologiche: vantaggi, limiti e sostenibilità. *Relazione progetto VIVAINBIO (D.M. Mipaaf n. 19972 del 14 Dicembre 2010): 1-12.*
- Ortolani, L.(2012) "The role of relationships for sustainability assessment of organic farming" in Proceedings of the XII World Congress of Rural Sociology, helded in Lisbon.
- Orzali, L., Di Giambattista L., Ortolani L., Matere, A., Santori A., Quaranta F, Pasquini M. and Riccioni L. (2011) Seed health in Organic Farming System. *Journal of Plant Pathology* (2011), 93 (4, Supplement), S4.25-S4.62
- Ortolani, L. Micheloni, C. Barberi, P. Bonanzinga, M. (2011) Italian Networking of Public Experimental Sites Working on Organic Farming: an experience of networking in research – In: Neuhoff D et al (Eds.) *Organic is Life - Knowledge for Tomorrow. Proceed 3rd Sci Conf Int Soc Org Agric Res* 1:338-34
- Colombo, L. Ortolani, L. (2011) Strengthening research in organic farming. The experience of the Italian Foundation for Research in Organic and Biodynamic Agriculture - IFOAM 17th Organic World Congress
- Ferrante, A. Ortolani, L. (2011) New distribution models: the organic farmers way to food sovereignty - IFOAM 17th Organic World Congress
- Bocci, R. Ortolani, L. Micheloni, C. (2011) The sources of organic seeds in Italy – IFOAM 17th Organic World Congress
- Ortolani L (2010) The possible synergy of organic farming between mitigation and adaptation to climate change: notes on the value of Italian family managed organic farming. In: A Campanelli

climate change: notes on the value of Italian family managed organic farming in: A Compagnoni (ed) Special Issue Organic Agriculture and Climate Change. InterBioNotes

- Ortolani, L; McRoberts, N; Dendonker, N; Rounsevell, M. (2010). Analysis of Farmers' Concepts of Environmental Measures: An Application of Cognitive Maps and Cluster Analysis in Pursuit of Modelling Agents' Behaviour. In (M. Glikas, ed) Fuzzy Cognitive Maps: Advances in Theories, Methodologies, Tools and Applications. Studies in Fuzziness and Soft Computing. Springer.
- Ortolani, L. Grandi, C. (2007) The organic excellences in Italian National Parks. IFOAM 16th Organic World Congress.
- Ortolani, L. (2006) La multifunzionalità dell'azienda agricola: le biofattorie diattiche, Bioagricultura, Ed. Aiab
- Agricoltura biologica nella gestione delle aree protette. Esperienze e idee a confronto. Atti del Convegno Nazionale 18-19 Aprile 2005. Provincia di Roma, AIAB.
- Grandi .C, Ortolani, L. (2005) Le quattro primavere biologiche, Bioagricultura Ed. Aiab (2005)











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