

Working papers

- 1- Ruiz-Martinez I., Martinetti D., Marraccini E., Napoleone C., **Debolini M.**, Drivers of extensification and intensification trajectories on Mediterranean peri-urban regions. The case studies of Pisa (Italy) and Avignon (France).
- 2- Fusco J., Marraccini E., **Debolini M.**, Intensification, periurbanization and specialization of agriculture as significant short-term land system dynamics in the Mediterranean basin.

Papers under revision in international peer reviewed journals

- 3- Popoff T., **Debolini M.**, Casanova Enault L., Agricultural opportunity and future scenarios for vacant lands on Mediterranean coastlines: a parcel scale analysis. Accepted with minor revisions on Land Use Policy.
- 4- Scorsino C., Flamain F., **Debolini M.**, Specialization, abandonment and periurbanization on Mediterranean land systems. A participatory analysis on the Comtat Venaissin (southern-east France). Accepted with minor revisions on Land.
- 5- Casanova Enault L., **Debolini M.**, Popoff T., De Flore R., Jouer un scénario d'aménagement foncier : analyse des pratiques d'aménagement et recherche d'alternatives au développement résidentiel. Accepted on NetCom.
- 6- Delattre L., **Debolini M.**, Paoli J.C., Napoleone C., Moulery M., Leonelli L., Santucci P., (accepted with revision on Agricultural, Food and Environmental Studies). Understanding the relationships between extensive livestock systems, land cover change and CAP supports in Mediterranean less favored areas. A mixed-approach analysis on the Castagniccia region (Corsica, France). First round revision.
- 7- Ruiz-Martinez I., **Debolini M.**, Sabbatini T., Bonari E., Lardon S., Marraccini E., (accepted with revision on Sustainable Cities and Society). Short-term urban-rural patterns changes in Mediterranean peri-urban areas: the case study of Pisa. Second-round revision.

Papers published in international peer reviewed journals

- 8- Esgalhado C., Guimaraes M.H., **Debolini M.**, Guiomar N., Lardon S., Ferraz de Oliveira M.I., (2020). A holistic approach to land system dynamics, the Monfurado case in Alentejo, Portugal. Land Use Policy, <https://doi.org/10.1016/j.landusepol.2020.104607>
- 9- Villani R., Sabbatini T., Moreno Perez O., Guiomar N., **Debolini M.**, (2019). An open dataset about georeferenced harmonized national agricultural censuses and surveys of seven Mediterranean countries. Data in Brief 27 <https://doi.org/10.1016/j.dib.2019.104774>
- 10- **Debolini M.**, Marraccini E., Dubeuf JP., Geijzendorffer I., Guerra C., Simon M., Targetti S., Napoleone C., (2018). Land and farming system dynamics and their drivers in the Mediterranean Basin. Land Use Policy, 75: 702-710. DOI: <https://doi.org/10.1016/j.landusepol.2017.07.010>.
- 11- Meike W., Zasada I., **Debolini M.**, Geniaux G., Moreno-Perez O., Piorr A., Tudela Marco L., (2018). Conceptualising Fields of Action for Sustainable Intensification – A systematic Literature Review and Application to Regional Case Studies. Agriculture, Ecosystem and Environment 257: 68-80.
- 12- Ruiz-Martinez i., Marraccini E., **Debolini M.**, Bonari E., (2015). Indicators of agricultural intensity and intensification processes: a review of literature. Italian Journal of Agronomy 10(2): 74-84 DOI: <http://dx.doi.org/10.4081/ija.2015.656>.
- 13- Marraccini E., **Debolini M.**, Moulery M., Abrantes P., Bouchier A., Chéry J-P., Sanz Sanz E., Sabbatini T., Napoleone C., (2015). Common features and different trajectories of land cover changes in six Western Mediterranean urban regions. Applied Geography 62: 347-356.
- 14- **Debolini M.**, Vallette E., François M., Chery J.P. (2015). Mapping land use competition in the rural-urban fringe and futures perspectives for landscape policies: A case study of Meknès (Morocco). Land Use Policy 47: 373-381 DOI:10.1016/j.landusepol.2015.01.035.
- 15- François M., Vallette E., Abdellaoui H., **Debolini M.**, (2013). Urbanisation des terres agricoles à la périphérie de Meknès: ressorts, dynamiques, acteurs. Revue Meghreb Machrek, 215 : 1-18.
- 16- Rizzo D., Marraccini E., Lardon S., Rapey H., **Debolini M.**, Benoît M., Thenail C., (2013). Farming systems designing landscapes: background, methods and perspectives for agronomy and geography. Danish Journal of Geography, 113 (2), 71-86. DOI : 10.1080/00167223.2013.849391..
- 17- Vallette E., Chery J.P., **Debolini M.**, Azodjilande J., François M., El Amrani M., (2013). Urbanisation en périphérie de Meknès (Maroc) et devenir des terres agricoles. L'exemple de la coopérative agraire Naïji. Cahiers Agriculture.

- 18- **Debolini M.**, Marraccini E., Rizzo D., Galli M., Bonari E., (2013). Mapping local spatial knowledge in the assessment of agricultural systems: a case study on the provision of agricultural services. *Applied Geography*, 42: 23-33.
- 19- **Debolini M.**, Schoorl J.M., Temme A.J.A.M., Galli M., Bonari E., (2013). Changes in agricultural land use will affect future soil patterns: a case study in southern Tuscany (Italy). *Land Degradation and Development*. DOI: 10.1002/ldr.2217.
- 20- Di Bene C., Pellegrino E., **Debolini M.**, Silvestri N., Bonari E., (2013). Short- and long-term effects of olive mill wastewater land spreading on soil chemical and biological properties. *Soil Biology and Biochemistry* 56: 21-30.
- 21- Marraccini E., **Debolini M.**, Di Bene C., Rapey H., Bonari E., (2012). Factors affecting soil organic matter conservation in Mediterranean hillside winter cereals-legumes cropping systems. *Italian Journal of Agronomy* 7(3): 283-292.
- 22- Galli M., Bonari E., Marraccini E., **Debolini M.**, (2010). Characterisation of agri-landscape systems at regional level: a case study in Northern Tuscany. *Italian Journal of Agronomy* 5: 285-294
- 23- **Debolini M.**, Galli M., Bonari E., (2008). Agro-Environmental risk analysis at landscape scale: limits for a sustainable land management. *Italian Journal of Agronomy* 3:3, 321-322.

Monography or book chapters

- 24- Delay E., Reulier R., Gaudieux A., Thierry H., Amalric M., Debolini M., Banos A., (2014). Sisbio, logiques d'évolutions spatiales de structures agricoles. In: «Recueil de fiches pédagogiques du réseau MAPS – Modélisation multi-agents appliquée aux Phénomènes Spatialisés 2009-2014 ». Ed. RNSC CNRS, pp : 195-218, DOI: 10.13140/2.1.1252.9440.
- 25- Rizzo D., Marraccini E., **Debolini M.**, Galli M., Bonari E., (2012). Agronomes et géoagronomie: «relecture» de trois études de cas en Toscane. In: «Géoagronomie, paysage et projets de territoire» Editions Quae.
- 26- Lardon S., Moonen A., Marraccini E., **Debolini M.**, Galli M., Loudiyi S., (2012). Farming systems and territorial issues: New approaches in research and education. In: *Farming Systems Research into the 21st Century: The New Dynamic*. Editors: Darnhofer I., Gibbon D., Dedieu B. Springer, The Netherlands, pp: 257-280.
- 27- Galli M., Marraccini E., **Debolini M.**, Bonari E., (2010). Osservatorio del paesaggio come laboratorio esperienziale. Brevi riflessioni sull'applicazione della disciplina agronomica al paesaggio: il caso della Lunigiana. In: Ciabatti S. e Gandolfi C. "Per un osservatorio del paesaggio". Edizioni ETS, Pisa. pp 77-92.
- 28- Bonari E., **Debolini M.**, Galli M., (2010). Agricoltura, gestione del suolo e rischio di erosione. Quali interventi possibili? In: Bonari E. e Debolini M. (Ed.) "Agricoltura e erosione del suolo in Toscana", Felici Editore, Pisa, pp. 135-160.
- 29- Bonari E., Galli M., Balducci E., **Debolini M.**, Marraccini E., (2009). Competitività rurale: elementi di analisi e sfide progettuali. In: ISGREC (Ed.) "Conoscenza, innovazione & sviluppo. Un futuro possibile per il sistema territorio della Provincia di Grosseto". Isgrec Edizioni, Grosseto, pp: 89-181.

Conference papers

- 30- Fusco J., Marraccini E., **Debolini M.**, (2019). Intensification, periurbanization and specialization as significant short-term land system dynamics in the Mediterranean basin. SAGEO 2019, Spatial analysis and geomatics. Clermont-Ferrand 13-15 of November 2019.
- 31- **Debolini M.**, Fusco J., Marraccini E., Napoleone C., (2019). Land system dynamics in the Mediterranean basin across scales as relevant indicator for species diversity and local food systems. Opena Science meeting Global Land Project, Berne, April 24-26, 2019.
- 32- Polge E., **Debolini M.**, (2018). Assessing sustainable intensification at landscape scale: four case studies in Europe. IFSA, 01 - 05 July, 2018 | Chania, Crete, Greece | Mediterranean Agronomic Institute of Chania (CIHEAM - MAICh).
- 33- Fusco J., **Debolini M.**, (2018). Multiscale spatial organization and dynamics on Mediterranean land and farming systems. IFSA, 01 - 05 July, 2018 | Chania, Crete, Greece | Mediterranean Agronomic Institute of Chania (CIHEAM - MAICh).
- 34- **Debolini M.**, Marraccini E., (2018). Farm and land system dynamics in the Mediterranean basin (accepted as panel session). IFSA, 01 - 05 July, 2018 | Chania, Crete, Greece | Mediterranean Agronomic Institute of Chania (CIHEAM - MAICh).
- 35- Tudela Marco, L.; Moreno Pérez, O.; Compés López, R.; Weltin, M.; Zasada, I.; Schmidt, K.; Beblek, A.; Scherer, L.; Schulp, N.; Martinetti, D.; Geniaux, G.; **Debolini, M.**; Ortiz Miranda, D. (2017). Agricultural systems towards Sustainable Intensification: Stakeholder mapping in four European case studies. XV

- EAAE Congress. Towards Sustainable Agri-Food Systems: Balancing between Markets and Society. Parma, August 29th – September 1st 2017. (Poster).
- 36- **Debolini M.** And Guerif M., (2015). Farming system dynamics and their drivers in Mediterranean landscapes: a case study on the Vaucluse department based on agricultural census data (PACA Region, France). 5th International Symposium for Farming Systems Design, 7-10 September 2015, Montpellier, France. Oral presentation.
 - 37- Ruiz-Martinez I., Marraccini E., Sabbatini T., **Debolini M.**, Lardon S., Bonari E. (2015). Land use patterns and changes in periurban areas. Second International conference on « Agriculture in an Urbanizing Society », 14/17 September 2015, Rome, Italy. Oral presentation.
 - 38- Lardon S., Marraccini E., **Debolini M.**, Giacché G., Rizzo D., (2015). Designing participatory territorial projects through a research-education-action platform: four experiences on periurban agriculture and local food production. 22nd European Seminar on Extension and Education (ESEE), Wageningen, The Netherlands 28 April-1 May 2015 (Oral presentation).
 - 39- **Debolini M.**, and Guerif M., (2014). Integrating heterogeneous data sources for building farming system typology and assessing farm system dynamics. A case study on the Vaucluse Department (PACA Region, France). Advances in Spatial Typologies: how to move from concepts to practice? IALE-Europe Thematic Workshop 2014, July 4-5, 2014, Lisbon (Oral presentation)
 - 40- **Debolini M.**, Guerif M., Geniaux G., (2014). Assessment and prospective on modelling agricultural system dynamics: existing methods and future challenges. Land Transformations: Between Global Challenges and Local Realities. Berlin 19th - 21st March 2014. (Oral presentation)
 - 41- **Debolini M.**, Lejeail P., Guerif M., (2014). Building typologies of farming systems to understand agricultural landscape dynamics at regional level. Land Transformations: Between Global Challenges and Local Realities. Berlin 19th - 21st March 2014. (Poster).
 - 42- Marraccini E., **Debolini M.**, Moulery M., Abrantes P., Sabbatini T., Chéry J.-P., Bouchier A., Napoleone C. (2013). Are there common features in land cover and pattern changes in Mediterranean peri-urban areas? Changing European Landscapes, Landscape ecology, local to global. Manchester 9-12 September 2013. (Oral Presentation)
 - 43- Rossetto R., **Debolini M.**, Galli M., Basile P., Bonari E., (2013). Is water a limiting factor for agricultural development in coastal Mediterranean plains? A case study in the Grosseto Province (Tuscany, Italy). Rendiconti Online Società Geologica Italiana (Oral presentation).
 - 44- **Debolini M.**, Bologna S., Galli M., Bonari E., (2012). Multifunctionality assessment of forests in peri-urban areas for local planning: a case study in Tuscany (central Italy). "Agriculture in an Urbanizing Society. International Conference on Multifunctional Agriculture and Urban-Rural Relations" Wageningen, The Netherlands, 1 - 4 April 2012. (Oral presentation)
 - 45- Marraccini E., **Debolini M.**, Rizzo D., Toillier A., Planchat C., (2012). What is the role for agronomy in land management issues? Comparing five interdisciplinary PhD theses. 10th European IFSA Symposium "Producing and Reproducing Farming systems: new modes of organization for the sustainable food systems of tomorrow". Aarhus, Denmark, July 1-4 2012. (Oral presentation)
 - 46- Rizzo D., Marraccini E., **Debolini M.**, Lardon S., Rapey H., Thenail C., Benoît M., (2012). How the landscape agronomy framework can enhance the landscape management of farming systems? Submitted to 10th European IFSA Symposium "Producing and Reproducing Farming systems: new modes of organization for the sustainable food systems of tomorrow". Aarhus, Denmark, July 1-4 2012. (Oral presentation)
 - 47- Di Bene C., Marraccini E., **Debolini M.**, Galli M., Bonari E., (2011). Problematiche di conservazione della fertilità del suolo nei sistemi cerealicoli della collina interna mediterranea. Atti del XL Convegno della Società Italiana di Agronomia. Università degli studi di Teramo 7/9 Settembre 2011, pp. 356-357. (Poster)
 - 48- Di Bene C., Pellegrino E., **Debolini M.**, Silvestri N., Galli M., Bonari E., (2011). Multi-parameter approach to assess short-and long-term effect of olive mill waste water land spreading on soil quality. Book of Abstract 6th ISMOM "Soil Interfaces in a Changing World". 26th June – 1st July 2011. Montpellier. (Poster)
 - 49- **Debolini M.**, Galli M., Bonari E., (2010). Assessing cropping system changes in Mediterranean environments. A case study in the Grosseto Province (Tuscany, Italy). Proceedings of the XIth ESA Congress, 29 August – 3 September, Montpellier, France, pp. 939-940. (Poster)
 - 50- Galli M., **Debolini M.**, Marraccini E, Bonari E (2010). Agronomia territoriale, funzioni agro-ambientali e politiche di sviluppo: alcune evidenze in recenti esperienze di ricerca. In: Atti del XXXIX Convegno della Società Italiana di Agronomia. Roma, 20-22 settembre 2010, ROMA: M. Mastroianni Ed., p. 263-265. (Poster)
 - 51- Moonen A.C., Galli M., Lardon S., Rapey H., Thenail C., Marraccini E., Rizzo D., **Debolini M.**, Silvestri N., Benoit M., Barberi P., Bonari E. (2010). A winter school in landscape agronomy and the synergies it created. Proceedings of the 9th European IFSA Symposium "Building sustainable rural future", 4 – 7 July 2010, Vienna, Austria, pp. 2176-2183. (Oral presentation)

- 52- **Debolini M.**, Galli M., Bonari E., (2009). Spatial assessment of agro-environmental functions for sustainable land management. A case study in the Province of Grosseto (Tuscany, Italy) Proceedings of the European IALE Conference 2009 "European Landscapes in Transformation: Challenges for Landscape Ecology and Management" July 12-16, Salzburg. (Oral presentation).
- 53- Galli M., Bonari E., Marraccini E., **Debolini M.**, (2009). Analisi Paesaggistica dei Sistemi Produttivi a Scala Territoriale. Un'analisi nella Toscana Settentrionale. XXXVIII Convegno della Società Italiana di Agronomia. Firenze, 21-23 settembre 2009, FIRENZE: M. Bindi Ed., p. 59-60. (Oral presentation)
- 54- Rizzo D., Marraccini E., **Debolini M.**, Galli M., Bonari E. (2008). Agronomes et géoagronomie: des réflexions issues de travaux en Toscane, Italie. Actes des "Journées Jean Pierre Deffontaines", 1-2 avril 2007, Paris, 10 pp.
- 55- Galli M., Balducci E., **Debolini M.**, Marraccini E., Rizzo D., Bonari E. (2008). Defining scenarios for local agricultural systems development through participatory approach: a case study in the Grosseto Province (Tuscany, Italy). 8th IFSA Symposium, 6-8 July 2008, Clermont-Ferrand, France, 1 p. (Poster)
- 56- Galli M., Marraccini E., Bonari E., **Debolini M.**, Rizzo D. (2007). Assetto agro-territoriale e qualificazione dei sistemi agricoli. Il caso della provincia di Grosseto. XXXVII Convegno Nazionale della Società Italiana di Agronomia "Il contributo ricerca agronomica all'innovazione dei sistemi culturali mediterranei", Catania 13 -14 settembre 2007, pp.39-40. (Oral presentation)
- 57- **Debolini M.**, Jacopin R., Marraccini E., Pistocchi C., Rizzo D., Toillier A. (2007). Territorial diagnosis using spatial representations - Which are the relationships between territorial dynamics and agro-environmental issues? The case of the Plain of Pisa, Italy. International Congress on Geomatics and Spatial Analysis. Clermont-Ferrand, France 18-19 June 2007, 4 pp. ISBN 978-2-85710-078-2. (Poster)