



Europass Curriculum Vitae

Personal information



First name(s) / Surname(s)

Carlo Giupponi

Address(es)

Università Ca' Foscari di Venezia - Dipartimento di Economia
S. Giobbe 873, 30121 Venezia (Italy)

Telephone(s)

+39-041.234.9126

E-mail

cgiupponi@unive.it

Nationality

Italian

Date of birth

20.05.1960

Gender

Male

Short bio notes

Carlo Giupponi is Full Professor of Environmental Economics at the Department of Economics, Ca' Foscari University of Venice and Dean of the Venice International University. Before, he worked at faculties of agricultural sciences, serving as assistant professor at the University of Padova (1990-2002) and as associate professor at University of Milan "Statale" (2002-2007). His research activity focuses on sustainability science, valuation methods, the integrated assessment and management of natural resources, with main focus on water and agriculture, local to regional scales, and the interactions with global change drivers (climatic and socio-economic ones). The socio-ecosystems is the preferred analysis unit of human-nature spatial-temporal dynamics. Most research activities are in Europe and the Mediterranean Basin, but also in Asia and elsewhere. His most appreciated skills are the capacity to work in multidisciplinary teams and to provide scientific competences in diverse research contexts, but also in applied studies and consultancies. The most relevant original methodological contributions are in the field of disciplinary integration, by developing methods and tools adopting participatory techniques, system dynamics and spatial analysis as means for integrated assessment and decision support. Recent and current responsibilities of European and national research projects are the fields of climate change adaptation, natural hazards, vulnerability and risk assessment, integrated water management, and agri-environmental policy. Collaborations and consultancies include institutions such as Food and Agriculture Organisation, Intergovernmental Panel For Climate Change, World Bank, World Wildlife Fund, and national and local research centres and public administrations. Teaching activities are at graduate and undergraduate level on the following topics: Economics of the Environment, Natural Resources Management and Climate Change Adaptation. In recent times other courses were about methods of spatial analysis, modelling and valuation methods for the environment. He has co-authored more than 330 scientific and professional papers, and developed several modelling and decision support frameworks and tools in the field of natural resources management, in particular NetSyMod and mDSS (<http://www.netsymod.eu/mdss/>). He was listed in the top 2% 2020 of international scientific authors of any discipline, based on standardized citation indicators and the Reuters 2020 "Hot List" of the 1000 most influential authors in the field of climate studies. Besides research and teaching, he is experienced in institutional and managerial responsibilities, with roles which included: member of the Board of the Italian Global Compact Network, member of the Board of Directors of the International Environmental Modelling and Software Society (iEMSs), coordinator of the PhD Programme on Climate Change Science and Management, director of the Interuniversity Doctoral School "ChangeS" (Global Change Science and Policy), director of the Interdepartmental Centre VICCS (Venice Centre for Climate Studies), rector's delegate for the Development of European research projects and delegate for International Cooperation for Development.

Dates

2017 -

Occupation or position held	<i>Full Professor</i>
Main activities and responsibilities	<i>Teaching:</i> <i>“Economics of the environment”, “Methods of Spatial Data Analysis and Geographical Information Systems”, “Adaptive Management of Natural Resources and Agricultural Systems”</i> <i>Research:</i> <i>Integrated natural resources management; ecological economics; climate change impacts, vulnerability and adaptation; sustainable development; integrated spatial and participatory modelling, evaluation and decision support.</i> <i>Other:</i>
Name and address of employer	<i>Università Ca' Foscari di Venezia - Dipartimento di Economia (Department of Economics)</i>
Type of business or sector	<i>Higher education and research</i>
Dates	<i>2022 -</i>
Occupation or position held	<i>Programme Director – Climate Change Adaptation</i>
Main activities and responsibilities	<i>Coordination of research activities in the field of climate change adaptation (ADAPT@VE)</i>
Name and address of employer	<i>Fondazione Eni Enrico Mattei (FEEM) – Venice and Milan</i>
Type of business or sector	<i>Research</i>
Dates	<i>2016 -</i>
Occupation or position held	<i>Dean</i>
Main activities and responsibilities	<i>Coordination of higher research and education activities. Managerial responsibility of the institution, including budget and personnel</i>
Name and address of employer	<i>Venice International University</i>
Type of business or sector	<i>Higher education and research</i>
Dates	<i>2014 - 2016</i>
Occupation or position held	<i>Director</i>
Main activities and responsibilities	<i>Coordination of research and higher education activities in the field of climate change studies</i>
Name and address of employer	<i>Università Ca' Foscari di Venezia – Venice Centre for Climate Studies</i>
Type of business or sector	<i>Higher education and research</i>
Dates	<i>2006-2017</i>
Occupation or position held	<i>Research Associate</i>
Main activities and responsibilities	<i>Research:</i> <i>Climate change and the water resources; Decision Support Systems</i>
Name and address of employer	<i>Centro Euro-Mediterraneo per i Cambiamenti Climatici (CMCC) – Climate Impacts and Policy Division (CIP); Venezia (I)</i>
Type of business or sector	<i>Research</i>
Dates	<i>2002 - 2007</i>
Occupation or position held	<i>Associate Professor</i>
Main activities and responsibilities	<i>Teaching:</i> <i>“Agricultural ecology and agronomy”; “Ecology and Agroclimatology”; “Land evaluation and soil conservation”, “Agri-environmental analysis and modelling”</i> <i>Research:</i> <i>sustainable development in agricultural areas: integration of physical and socio-economic approaches; agri-environmental analysis, modelling and evaluation: cultivation systems; agricultural diffuse pollution; Spatial analysis and geographical information systems; ecological modelling; decision support systems.</i>
Name and address of employer	<i>Dipartimento di Produzione Vegetale (Dept. of Crop Production) – Università Statale di Milano; Milano (I)</i>
Type of business or sector	<i>Higher education and research</i>

Dates	2000 - 2008
Occupation or position held	Coordinator of the "Natural Resources Management" Research Programme
Main activities and responsibilities	Research: sustainable development in agricultural areas: integration of physical and socio-economic approaches; agri-environmental analysis, modelling and evaluation: decision support systems.
Name and address of employer	Fondazione Eni Enrico Mattei (FEEM), Milano, Venezia (I)
Type of business or sector	Research
Dates	1996 (June-September)
Occupation or position held	Visiting scholar
Main activities and responsibilities	Research: Spatial analysis and geographical information systems; Remote Sensing
Name and address of employer	University of California at Santa Barbara (Remote Sensing Research Unit) (USA)
Type of business or sector	Research
Dates	1990 - 2002
Occupation or position held	Researcher – Assistant Professor
Main activities and responsibilities	Teaching: "Agricultural production"; "Land classification and cartography"; "Remote sensing and GIS" Research: sustainable development in agricultural areas: integration of physical and socio-economic approaches; agri-environmental analysis, modelling and evaluation: cultivation systems; agricultural diffuse pollution; Spatial analysis and geographical information systems; ecological modelling; decision support systems.
Name and address of employer	Dipartimento di Agronomia Ambientale (Dept. of Agronomy and the Environment) – Università di Padova; Padova (I)
Type of business or sector	Higher education and research

Education and training

Dates	1990 (July-September)
Title of qualification awarded	Visiting researcher with fellowship
Principal subjects/occupational skills covered	Geographic Information Systems and Remote sensing
Name and type of organisation providing education and training	University of California at Santa Barbara (Remote Sensing Research Unit)
Dates	1988 (March-June)
Title of qualification awarded	Visiting researcher with fellowship
Principal subjects/occupational skills covered	Attendance to courses of the Master in Geography
Name and type of organisation providing education and training	University of California at Santa Barbara (Remote Sensing Research Unit)
Dates	1984-1990
Title of qualification awarded	Assistant researcher
Principal subjects/occupational skills covered	agri-environmental analysis, modelling and evaluation: cultivation systems; agricultural diffuse pollution; spatial analysis and geographical information systems
Name and type of organisation providing education and training	Dipartimento di Agronomia Ambientale – Università di Padova; Padova (I)

Dates 1979-1984
 Title of qualification awarded *Laurea Degree (Master of Science)*
 Principal subjects/occupational skills covered *"Agricultural Sciences" with thesis about "Crop water requirement: assessment and mapping in the Adige Valley"*
 Name and type of organisation providing education and training *Università di Padova; Padova (I)*

Personal skills and competences

Mother tongue(s) Italian

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B1	Independent user	B2	Independent user	A2	Basic user	A2	Basic user	A1	Basic user

Computer skills and competences

MS-Office, Explorer, Mozzarella, Tunderbird, Idrisi, QuantumGIS, Surfer, Simile, Stella, Vensim

Driving licence

Cars and motorbikes

Additional information

Awards

1992: National Prize "Ettore Mancini" (Società Italiana di Agronomia): "For the remarkable contribution given to the understanding of the relations between agriculture and environmental pollution, making use of modern modelling tools and multidisciplinary collaborations"
 2011: Fellow of the International Environmental Modelling and Software Society
 2020: North-South Prize of the Council of Europe to the Mediterranean Experts on Climate and Environmental Change (MedECC) network of the Union for the Mediterranean (as member of the Steering Committee and Coordinating Lead Author of the First Mediterranean Assessment Report).

Research products

Since the coordination of MULINO Project: responsible of the development of the methodological framework "NetSyMoD" (Network analysis, Creative system modelling, and Decision support) and the related Decision Support System tool "mDSS", implemented in many cases of decision processes in the fields of environment and natural resources management and climate change adaptation.

Affiliations/Memberships

International Society of Environmental Modelling and Software (member of the Board of Directors 2006-12); Global Climate Forum (Process leader: Participatory Methods); affiliation to several national and international scientific societies and institutions.

Main responsibilities in research projects

1994-95: EU DGXII Project "MEDALUS II: Mediterranean Desertification and Land Use" (expert);
 1994-96: EU FP4 Project "Soil and water quality as affected by agrochemicals under different tillage systems"(coordinator of field scale modelling)
 1994-98: EU FP4 Project "IMPEL: Integrated Model to Predict European Landuse" (project partner)
 1995-97: EU DGVI Concerted Action "SAGA: Sustainable Agricultural Use of Aquifers in Southern Europe: Integration between Agricultural and Water Management Policies" (project partner)
 1996-97: EU DGXIII Project "SPHERE: + Substitution Projects for health and environment; Lessons from Results and Experiences" (expert)
 1998: EU DGXI Project "The environmental impact of maize cultivation in the European Union: practical options for the improvement of the environmental impact" (expert)
 2001: EU, DGXII-INCO-DEV Project COASTIN: Measuring, monitoring, and managing sustainability: the coastal dimension" (expert)
 2001-04: EU FP5 Project "ACCELERATES: Assessing Climate Change Effects on Land use and Ecosystems: from Regional Analysis to The European Scale" (responsible of research group)

2001-03: EU FP5 Project "MULINO: MULti-sectoral, INtegrated and Operational decision support system for sustainable use of water resources at the catchment scale" (coordinator)

2002-05: EU FP5 INCO-MED Project "SMART: Sustainable Management of Scarce Resources in the Coastal Zone" (responsible of research group)

2002-07: Research Project of the EU Mediterranean Cooperation MEDA: "ISIIMM: Institutional and Social Innovation in Irrigation Mediterranean Management" (responsible of research group)

2003-06: EU FP5 Project "TRANSCAT: Integrated water management of transboundary catchments" (responsible of research group)

2004-07: EU FP6 Project "ITAES: Integrated Tools to design and implement Agro Environmental Schemes" (responsible of research group)

2004-07: EU FP6 Project "MEACAP: Impact of environmental agreements on the CAP" (responsible of research group)

2004-08: EU FP6 Coordination action "Nostrum-Dss: Network on gOvernance, Science and Technology for sustainable water ResoUrce management in the Mediterranean. The role of DSS tools" (coordinator)

2005-09: Research Project of the EU DG-Research FP6 "NEWATER: New Approaches to Adaptive Water Management under Uncertainty" (responsible of research group)

2005-09: EU FP6 Project "Brahmatwinn: Twinning European and South Asian River Basins to enhance capacity and implement adaptive management approaches" (responsible of research group)

2007-11: EU FP6 Coordination action "SPLASH: European Water Initiative - Era-Net; Coordination of Member State research programmes in water science and technology for the developing world" (responsible of research group)

2008-11: EU Alpine Space Programme: "ClimAlpTour: Climate Change and its impact on tourism in the Alpine Space" (responsible of research group)

2010-12: EU Era-Net on Integrated Water Resources Management: "ICARUS: IWRM for Climate Change Adaptation in Rural Social-Ecosystems in Southern Europe" (coordinator)

2010-13: EU FP7 Project: "KULTURisk: Knowledge-based approach to develop a cULTUre of Risk prevention" (responsible of research group)

2012-14: EU Alpine Space Programme: "C3-Alps: Capitalising Climate Change Knowledge for Adaptation in the Alpine Space" (responsible of research group)

2012-16 EU Tempus Project CLIMADAPT: "Building CLIMate change ADAPTation capacity in Morocco, Algeria and Tunisia" (responsible of research group)

2015-2017: EU H2020 Coordination and Support Action PLACARD: "PLATform for Climate Adaptation and Risk reduction" (responsible of research group)

2016-18: EU Alpine Space Programme AlpES: "Alpine Ecosystem Services - mapping, maintenance, management" (responsible of research group)

2015-17: Veneto Region Project on the Common Agricultural Policy after 2020 "Outlook PSR" (responsible of research group)

2018-20: Veneto Region Project on the support to new regional agricultural policy "CORASVE" (responsible of research group)

2019-: EU MSC Global H2020 Project Social-ECological Interdependencies in TransboundarY water resources systems "SECurlTY" (coordinator)

2020-21: Enel Foundation Project on Introducing climate proofing in investments and spatial planning (project coordinator)

Collaborations and consultancies

2007-08: World Bank: A Pilot Study on Payment for Ecological and Environmental Services in Lashihai Nature Reserve, China

2008-12: Agriconsulting: Evaluation of Rural Development Plans of the Veneto and Lombardy regions in Italy

2010: FAO and World Bank: Albania water resources and irrigation project. Prioritization of Investments in Reservoir Rehabilitation

2010-12: IPCC: Review editor of the volume "Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation (SREX)"

2013: World Bank: consultancy services for project preparation and feasibility study for Ferghana valley (Uzbekistan) water resources management phase-ii project

2014-15: USAID-NASA (MSI): Evaluation of the impacts of SERVIR Project Applications (development of project assessment procedure based on social network analysis)

2015: UNESCO-WWAP and the Arab Gulf Programme for Development: Training and writing materials for the programme "Capacity Development of Workers in the Water Sector"

	<p>2016-: Co-Chair of the SDGs Assessment Core Group of the Sustainable Water Future Program, within the Future Earth a 10-year initiative to advance Global Sustainability Science</p> <p>2018-19: World Bank: Feasibility study on methodology of quantification of indirect financial losses from natural disasters (case studies in Morocco and Bangladesh)</p>
Other responsibilities	<p>2007-11: Coordinator of the newly established PhD Programme on Science and Management of Climate Change at Ca' Foscari University</p> <p>2007-10: Field Editor of the journal <i>Agronomy for Sustainable Development</i></p> <p>2008-10: Editor in Chief of the <i>Italian Journal of Agronomy</i></p> <p>2008-13 Director of the Inter-university Doctoral School ChangeS in "Global Change Science and Policy"</p> <p>2011-12: Rector delegate for the development of European research at Ca' Foscari University</p> <p>2012-16: Rector delegate for International Cooperation and Development at Ca' Foscari University</p> <p>2012-: Member of the Editorial Board of the journal <i>Environmental Modelling and Software</i></p> <p>2014-: Member of the Editorial Board of the journal <i>Frontiers in Environmental Science</i></p> <p>2016-: Member of the Board of the United Nations Global Compact Network of Italy</p> <p>2017-: Member of the Editorial Board of the journal <i>Socio-Environmental Systems Modeling</i></p> <p>2021-: Member of the Sustainability Board of Ca' Foscari University</p> <p>2021-: Rector delegate for research in economics at Ca' Foscari University</p>
Activities as independent reviewer or assessor	<p>European Commission Framework Programmes</p> <p>Government of Canada (Canada 150 Research Chairs)</p> <p>Government of New Zealand (Ministry of Industry Innovation and Employment)</p> <p>National Research Agency of Cyprus</p> <p>National Research Agency of Czech Republic</p> <p>Swiss National Science Foundation</p> <p>Columbia University (USA)</p> <p>Catholic University of Leuven (B)</p>
Activities as editor or guest editor of volumes and journal issues	<p>L. Giardini, C. Giupponi (a cura di), 1995. <i>Modelli agricoli e impatto ambientale</i>. FrancoAngeli, Collana P.F. CNR-RAISA, Milano, 393 pp.</p> <p>C. Giupponi, A. Marani and F. Morari (eds.), 1995. <i>Modelling the fate of agrochemicals and fertilizers in the environment</i>, European Society for Agronomy-Unipress, Padova, 564 pp.</p> <p>C. Giupponi (Guest ed.) 1995. <i>Modelling the fate of agrochemicals and fertilizers in the environment</i>. Special issue <i>European Journal of Agronomy</i>, vol. 4(4).</p> <p>M. Borin, L. Sartori, C. Giupponi, M. Mazzoncini, R. Düring e G. Bash (Eds.), 1997. <i>Effects of tillage systems on herbicide dissipation - An experimental approach at field scale</i>. Unipress, Padova, 297 pp.</p> <p>L. Giardini e C. Giupponi (a cura di), 1998. <i>Analisi agro-ambientali sul Bacino del Fiume Meolo</i>. Unipress, Padova, 169 pp.</p> <p>C. Giupponi (a cura di), 1999. <i>I sistemi informativi territoriali per la gestione agroambientale del territorio</i>. Collana Quaderni MiPA-PANDA. Ismea, Roma, 215 pp.</p> <p>C. Giupponi and M. Schechter (Eds.) 2003. <i>Climate change in the Mediterranean</i>. Socio-economic perspectives of impacts, vulnerability and adaptation. E. Elgar Publisher, Cheltenham, Uk, 332 pp.</p> <p>R. Letcher and C. Giupponi (Guest eds.), 2005. <i>Policies and tools for sustainable water management in the European Union</i>. <i>Environmental Modelling & Software</i>, Vol. 20, Issue 2</p> <p>C. Giupponi, A. Jakeman, D. Karssenberg and M. Hare (Eds.), 2006, <i>Sustainable Management of Water Resources: an Integrated Approach</i>. E. Elgar Publisher, Cheltenham, Uk,</p> <p>M. Matthies, C. Giupponi and B. Ostendorf (Guest eds.), 2007. <i>Environmental Decision Support Systems</i>. <i>Environmental Modelling & Software</i> Vol. 22, Issue 2</p> <p>C. Giupponi e A. Fassio, 2007. <i>Agricoltura e acqua: modelli per una gestione sostenibile. Il caso della riorganizzazione irrigua nel Trevigiano</i>, Ed. Il Mulino, Bologna</p> <p>C. Giupponi, M.E. Borsuk, B. de Vries, and K. Hasselmann (Gest eds.) 2013. <i>Innovative Approaches to Integrated Global Change Modelling</i>. <i>Environmental Modelling & Software</i> (Vol.44)</p> <p>C. Giupponi (Guest ed.) 2017. <i>IWRM as an approach for adaptation of social ecological systems to environmental changes: experiences from different regional contexts</i>. <i>Regional Environmental Change</i></p>
Activity as reviewer of scientific journals	<p><i>Agricultural Water Management</i></p> <p><i>Agronomy for Sustainable Development</i></p> <p><i>Climate Research</i></p> <p><i>Climatic Change</i></p> <p><i>Ecological Economics</i></p> <p><i>Environment, Development and Sustainability</i></p> <p><i>Environment International</i></p> <p><i>Environmental Indicators</i></p>

Environmental and Resource Economics
Environmental Management
Environmental Modelling and Software
Environmental Science and Policy
Estuarine Coastal and Shelf Science
European Journal of Agronomy
FENNIA – International Journal of Geography
Frontiers in Environmental Science, section Interdisciplinary Climate Studies
International Journal of Agricultural Resources, Governance and Ecology
International Journal of Disaster Risk Reduction Italian Journal of Agronomy
Journal of Environmental Management
Journal of Hydrology
Journal of Integrative Environmental Sciences
Land Use Policy
Nature Urban Studies (Springer)
Plos One
Regional Environmental Change
Research in Economics
Tellus
The Geography Journal
The Science of the Total Environment
Water Research
Water Resources Management

Publications

Coding:
J = Journal
RJ = Refereed Journal
P = Proceedings
RP = Refereed Proceedings
M = Monographic book
BC = Book chapter
BR = Book Review
RC = Refereed Book Chapter

- 333-RJ - Cian, F., C. Giupponi, and M. Marconcini, 2021. Integration of earth observation and census data for mapping a multi-temporal flood vulnerability index: a case study on Northeast Italy. *Natural Hazards*.
 332-RC - Fader, M., C. Giupponi, S. Burak, H. Dakhlaoui, A. Koutroulis, M.A. Lange, M.C. Llasat, D. Pulido-Velazquez, and A. Sanz-Cobeña, 2020. Chapter 3. Resources. 3.1. Water. In: W. Cramer, J. Guiot, and K. Marini (eds.), *MedECC - Climate and Environmental Change in the Mediterranean Basin – Current Situation and Risks for the Future. First Mediterranean Assessment Report. Union for the Mediterranean, Plan Bleu, UNEP/MAP, Marseille, France*. 181-236.
 331-RC - Cramer, W., J. Guiot, K. Marini, B. Azzopardi, M.V. Balzan, S. Cherif, E. Doblas-Miranda, M.d. Santos, P. Drobinski, M. Fader, A.E.R. Hassoun, C. Giupponi, V. Koubi, M. Lange, P. Lionello, M.C. Llasat, S. Moncada, R. Mrabet, S. Paz, R. Savé, M. Snoussi, A. Toreti, A.T. Vafeidis, and E. Xoplaki, 2020. *MedECC 2020 Summary for Policymakers*. In: W. Cramer, J. Guiot, and K. Marini (eds.), *MedECC - Climate and Environmental Change in the Mediterranean Basin – Current Situation and Risks for the Future. First Mediterranean Assessment Report. Union for the Mediterranean, Plan Bleu, UNEP/MAP, Marseille, France*. 11-40.
 330-RJ - Gain, A.K., C. Giupponi, F.G. Renaud, and A.T. Vafeidis, 2020. Sustainability of complex social-ecological systems: methods, tools, and approaches. *Regional Environmental Change*. 20(3):102.
 329-RJ - Essenfelder, A.H., and C. Giupponi, 2020. A coupled hydrologic-machine learning modelling framework to support hydrologic modelling in river basins under Interbasin Water Transfer regimes. *Environmental Modelling & Software*. 131:104779.
 328-RJ - Gain, A.K., M.S. Hossain, D. Benson, G. Di Baldassarre, C. Giupponi, and N. Huq, 2020. Social-ecological system approaches for water resources management. *International Journal of Sustainable Development & World Ecology*. 1-16.
 327-RJ – Karali, E., D. Bojovic, G. Michalek, C. Giupponi, and R. Schwarze, 2020. Who Is Connected with Whom? A Social Network Analysis of Institutional Interactions in the European CCA and DRR Landscape. *Sustainability*. 12(3)
 326-RC - Bernhofer, J., C. Giupponi, and V. Mojtabed, 2019. A Decision-Making Model for Critical Infrastructures in Conditions of Deep Uncertainty. In: F. Cecconi and M. Campenni (eds.), *Information and Communication Technologies (ICT) in Economic Modeling*. Springer International Publishing, Cham. 139-161.
 325-RJ - Benson, D., A.K. Gain, and C. Giupponi, 2019. Moving beyond water centrality? Conceptualizing integrated water resources management for implementing sustainable development goals. *Sustainability Science*.
 324-RJ - Cremades, R., H. Mitter, N.C. Tudose, A. Sanchez-Plaza, A. Graves, A. Broekman, S. Bender, C. Giupponi, P. Koundouri, M. Bahri, S. Cheval, J. Cortekar, Y. Moreno, O. Melo, K. Karner, C. Ungurean, S.O. Davidescu, B. Kropf, F. Brouwer, and M. Marin, 2019. Ten principles to integrate the water-energy-land nexus with climate services for co-producing local and regional integrated assessments. *Science of the Total Environment*. 693:133662.

- 323-RJ - Bojovic, D., and C. Giupponi, 2019. Understanding the dissemination and adoption of innovations through social network analysis: geospatial solutions for disaster management in Nepal and Kenya. *Journal of Environmental Planning and Management*.
- 322-RJ - Bonato, M., F. Cian, and C. Giupponi, 2019. Combining LULC data and agricultural statistics for a better identification and mapping of High nature value farmland: A case study in the veneto Plain, Italy. *Land Use Policy*. 83:488-504.
- 321-RJ - Lippe, M., M. Bithell, N. Gotts, D. Natalini, P. Barbrook-Johnson, C. Giupponi, M. Hallier, G.J. Hofstede, C. Le Page, R.B. Matthews, M. Schlüter, P. Smith, A. Teglio, and K. Thellmann, 2019. Using agent-based modelling to simulate social-ecological systems across scales. *Geoinformatica*.
- 320-RJ - Zen, M., S. Candiago, U. Schirpke, L. Egarter Vigl, and C. Giupponi, 2019. Upscaling ecosystem service maps to administrative levels: beyond scale mismatches. *Science of the Total Environment*. 660:1565-1575.
- 319-RJ - Giupponi, C., A.K. Gain, and F. Farinosi, 2018. Spatial Assessment of Water Use Efficiency (SDG Indicator 6.4.1) for Regional Policy Support. *Frontiers in Environmental Science*. 6:141(141-114).
- 318-RJ - Cian, F., M. Marconcini, P. Ceccato, and C. Giupponi, 2018. Flood depth estimation by means of high-resolution SAR images and LiDAR data. *Nat. Hazards Earth Syst. Sci. Discuss.* 2018:1-25.
- 317-RP - Giupponi, C., and V. Mojtahed, 2018. Spatial and temporal dynamics of adaptation in agricultural socio-ecosystems: an agent based approach applied to three Mediterranean cases. In: XXXIV Giornata dell'Ambiente - Accademia Nazionale dei Lincei - Strategie di adattamento al cambiamento climatico, Roma. Accademia Nazionale dei Lincei. 83-90.
- 316-RJ - Farinosi, F., C. Giupponi, A. Reynaud, G. Ceccherini, C. Carmona-Moreno, A. De Roo, D. Gonzalez-Sanchez, and G. Bidoglio, 2018. An innovative approach to the assessment of hydro-political risk: A spatially explicit, data driven indicator of hydro-political issues. *Global Environmental Change*. 52:286-313.
- 315-RJ - Kolosz, B.W., I.N. Athanasiadis, G. Cadisch, T.P. Dawson, C. Giupponi, M. Honzák, J. Martinez-Lopez, A. Marvuglia, V. Mojtahed, K.B.Z. Ogutu, H. Van Delden, F. Villa, and S. Balbi, 2018. Conceptual advancement of socio-ecological modelling of ecosystem services for re-evaluating Brownfield land. *Ecosystem Services*. 33:29-39.
- 314-RC - Danuso, F., and C. Giupponi, 2017. Valutazione dei sistemi culturali, aziendali e agricoli. In: P. Ceccon, M. Fagnano, M. Monti, and S. Orlandini (eds.), *Agronomia. EdiSES, Napoli*. 514-534.
- 313-RC - Roggero, P.P., G. Alberti, C. Giupponi, and G. Seddaiu, 2017. Agroecosistema. In: P. Ceccon, M. Fagnano, M. Monti, and S. Orlandini (eds.), *Agronomia. EdiSES, Napoli*. 3-47.
- 312-RJ - Rosato, P., M. Breil, C. Giupponi, and R. Berto, 2017. Assessing the Impact of Urban Improvement on Housing Values: A Hedonic Pricing and Multi-Attribute Analysis Model for the Historic Centre of Venice. *Buildings*. 7(112):12.
- 311-RJ - Satta, Alessio, Manuela Puddu, Sara Venturini, and Carlo Giupponi, Assessment of coastal risks to climate change related impacts at the regional scale: The case of the Mediterranean region. *International Journal of Disaster Risk Reduction*.
- 310-RC - Benson, David, Animesh K. Gain, Josselin Rouillard, and Carlo Giupponi, 2017. Governing for the Nexus: Empirical, Theoretical, and Normative Dimensions. In: P. A. Salam, S. Shrestha, V. P. Pandey, and A. K. Anal (eds.), *Water-Energy-Food Nexus: Principles and Practices*. John Wiley & Sons, Inc.
- 308-RJ - Giupponi, Carlo, and Animesh Kumar Gain, 2017. Integrated spatial assessment of the water, energy and food dimensions of the Sustainable Development Goals. *Regional Environmental Change*. 1-13.
- 307-RJ - Giupponi, C., and A.K. Gain, 2017. Integrated Water Resources Management for Climate Change Adaptation: Editorial. *Regional Environmental Change*.
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