



Valentina Giannini

Nationality: Italian **Date of birth:** 1969 **Gender:** Female

Phone number: (+39) 0412346060 **Email address:** valentina.giannini@cmcc.it

Website: <http://orcid.org/0000-0002-0164-5869>

Work: CMCC@Ca' Foscari & EIEE Edificio Porta dell'Innovazione, Via della Libertà 12, I-30175 Venezia Marghera (Italy)

ABOUT ME

My interest has been focusing on planning and decision making since I have started working in 1997. My current work (started in 2008) is the provision of knowledge for Climate change adaptation, it includes supporting decision making processes (i.e. integrating science and traditional knowledge) and participatory processes (e.g. capacity building, information sharing and empowerment), focusing on impacts of climate on society and on how to prevent and mitigate these. Previously (1997-2005) I worked as an architect, urban designer and land-use planner for eight years (Italy), concentrating on bioclimatic architecture and urban planning, and taught in the Studio of Urban Planning at the Politecnico di Milano (Italy).

WORK EXPERIENCE

Scientist

CMCC www.cmcc.it [Mar 2009 – Current]

City: Venice | Country: Italy

Decision making, participatory and knowledge integration processes to identify research needs in climate sciences, climate change adaptation measures, natural resources management options, and disaster risk reduction; research on links between climate change and land-use. Current projects: **cultural-E**; co-manager of the task for the management and the development of the **Climate-ADAPT** platform. Past projects: deputy manager of the European Topic Centre on Climate Change impacts, vulnerability and Adaptation (**ETC/CCA**); Copernicus Climate Change Services (C3S) Sectoral Information System on Tourism; **development of adaptation measures in Tabasco**, Mexico (WB); **PERSEUS**; Climate change impacts, vulnerability and adaptation in West Balkan countries (**ETC/CCA**); Italian National Strategy for Climate Change Adaptation; **ACLIMAS**; **CLIM-RUN**; **SPLASH**; Mediterranean Landscapes.

Researcher

Thetis [3 Apr 2024 – Current]

City: Venezia | Country: Italy

supporting research on demo cases for the **IMPETUS** project on increasing resilience

Senior Researcher

FEEM www.feem.it [Feb 2008 – Nov 2017]

City: Venice | Country: Italy

Methods for knowledge integration and participatory processes in natural resources management and in decision making; methods to implement a harmonized integrated water resources management approach; decision support methods & tools. Main European Union funded project: **BRAHMATWINN**.

Researcher

Ca' Foscari University of Venice [Dec 2009 – Nov 2010]

City: Venice | Country: Italy

The social-ecological system as a framework for multidisciplinary analysis of global change: defining social vulnerability

Architect

self-employed [Jun 2002 – May 2005]

City: Sarzana | Country: Italy

Bioclimatic architecture. Projects included renovation of apartments and town houses, design of houses, green building; census and rehabilitation of systems of pedestrian routes within a regional park.

Architect and Planner

self-employed [Apr 1997 – May 2002]

City: Milan | Country: Italy

Collaborations on the following projects: Bioclimatic architecture and urban planning. Projects included development and update of Master Plans with the aid of GIS, design of public spaces, green building design, renovation of apartments and town houses, renovation of office spaces, design of fair stands and chairs for conference rooms, counselling for security on construction sites

Tutoring and teaching assistant

Politecnico di Milano [Aug 1996 – May 2002]

City: Milan | Country: Italy

Teaching assistant for the Studio of Urban Analysis (1999-2000)

Teaching assistant for the Studio of Urban Design (1996-1999)

Researcher within the group directed by Professor Lodovico Meneghetti, Architecture of the green spaces and local communities in the suburbs of the Metropolitan area of Milan (1998-2002)

Researcher within the group directed by Professor Lodovico Meneghetti: Analysis and project of the new suburbs of the Metropolis of Milan, considering the contradiction between the central city and the surroundings, and between the countryside and built spaces (1997)

EDUCATION AND TRAINING

Phd in Science and Management of Climate Change

Ca' Foscari University of Venice [Aug 2008 – Feb 2012]

City: Venice | Country: Italy | Website: <https://www.unive.it/> | Thesis: KNOWLEDGE SHARING AMONG AND WITHIN STAKEHOLDER GROUPS TO COPE WITH CLIMATE RELATED RISKS.

Supervisor: **Carlo Giupponi**

Topics: Natural and socio-economic sciences, dynamics of climate change, methodologies and techniques for management, mitigation and adaptation measures and policies

Master of Environmental Management

Yale School of the Environment [Jul 2005 – Apr 2007]

City: New Haven | Country: United States | Website: <https://environment.yale.edu/> | Thesis: FISH, FISHERS, INDUSTRIAL FISHING, INTERMEDIARIES, WATERSHED CONTAMINATION, SEA CONTAMINATION. CAN

Supervisor: **Carol Carpenter**

Topics: Urban and Social Ecology, Land Management, Natural Resources Management, Environmental Education

Master of Science in Architecture and Planning

Politecnico di Milano, Facoltà di Architettura [Sep 1988 – Feb 1996]

City: Milan | Country: Italy | Website: <https://www.polimi.it/> | Final grade: Magna cum laude | Thesis: FOR A LANDSCAPE IN THE VALLEY OF THE RIVER MAGRA. AESTHETICS OF THE WORK OF MAN

Supervisor: **Lodovico Meneghetti**

Topics: Architecture, land-use planning and urban design

NETWORKS AND MEMBERSHIPS

[Feb 2021 – Current] Venice

Ordine degli Architetti, Pianificatori, Paesaggisti e Conservatori (Register of Architects, Planners, Landscapers and Conservationists)

[2012 – Current]

Società Italiana per le Scienze del Clima (SISC, Italian Society for Climatic Sciences)

[2004 – 2006]

American Planning Association

[Apr 1998 – May 2005]

Ordine degli Architetti, Pianificatori, Paesaggisti e Conservatori (Register of Architects, Planners, Landscapers and Conservationists)

INDEPENDENT RESEARCH, SHORT COURSES, INTERNSHIPS AND SCHOLARSHIP

[Oct 2010]

CARE NL Central America, Guatemala, Nicaragua, EL Salvador

Independent research: Networks for climate adaptation and risk management in Guatemala

Consultancy: Project "Integration of knowledge and experience from indigenous/local, technical, and scientific spheres for disaster risk reduction and adaptation to climate change"

[Mar 2010 – Jun 2010]

Vrije Universiteit, Institute for Environmental Studies, Amsterdam, The Netherlands

PhD period abroad

[Feb 2010]

Unesco-IHE, Delft, The Netherlands

Course: "Negotiation and mediation for water conflict management"

[May 2007 – Oct 2007]

Maya Lin's office, New York, USA

Intern: Extinction Project: Research on endangered species, habitat destruction, environmental issues, and environmental education for the memorial "Missing"

[May 2006 – Aug 2006]

MAR Fund, Guatemala, Guatemala

Intern: Diagnostic of community fishing groups in the Mesoamerican Reef Region for the establishment of Community Management of Marine Resources: Models and Methodologies <http://www.marfund.org/diagnosticofcommunitymarinereservemodels.pdf>

[2003]

International Solar Energy Society (ISES), Rome, Italy

Course: Renewable Energy And Architecture (40 Hours)

[Dec 1996 – Feb 1997]

Ordine dei Geologi della Sardegna e Società Italiana di Geologia Ambientale, Cagliari, Italy

Course: Methods and techniques for Nature-based solutions

[1993]

Milan, Italy

Course: Camera-Woman (500 Hours)

[Sep 1992 – Jul 1993]

Mackintosh School of Architecture, Glasgow School of Art, Scotland (UK)

Scholarship: EU Erasmus Programme

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Spanish

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

CONFERENCES AND SEMINARS

Conferences ECCA 2019, Lisbon, Portugal

Session convenor: Understanding the Landscape of Adaptation Platforms in Europe. Improving Complementarities and Connecting Needs and Practices (Climate-ADAPT)

ECCA 2017, Glasgow, UK

Session convenor: Sharing adaptation information across Europe - evaluation of the European Climate Adaptation Platform (Climate-ADAPT)

North American Symposium on Climate Change Adaptation (2016), Columbia University, New York, USA

Presenter: A Participatory Process to Design Climate Change Adaptation Measures in The Carmen-Pajonal-Machona Lagoon in Mexico (Tabasco Project)

International Conference on Climate Services 3 (2013), Montego Bay, Jamaica

Presenter: A Participatory Process for the Definition of Climate Products in Coastal Zones (CLIM-RUN Project)

Climate Change: Global Risks, Challenges and Decisions (2009) Copenhagen, Denmark

Presenter: A participatory approach for defining response strategies to reduce risk from flooding in a Changing Climate (BrahmaTwinn Project)

Symposium 2008 FAO, Rome, Italy

Presenter: Can Fishers' Virtuous Behavior Improve Large Marine Ecosystem Health? (Yale Master Thesis)

Seminars

- Seminars held within the PhD course of Prof. Carlo Giupponi "Management of adaptation policies and decision processes" (2016, 2017 and 2018)
- Lecture within the regional workshop for the project "ENPI Clima South", "Participatory methods for vulnerability assessment" (2016)
- Lectures and laboratory on Decision Support Systems at Mediterranean Agronomic Institute of Zaragoza, Spain (2012)
- Lectures on Decision Support Systems at Venice International University, Italy (2009 & 2011)

PUBLICATIONS (CURRENT JOB)

list of publications

Mattern K., Giannini V. et al., (2018) Sharing adaptation knowledge across Europe: evidence for the evaluation of Climate-ADAPT. European Topic Centre on Climate Change impacts, vulnerability and Adaptation (ETC/CCA) Technical paper 2018/2. doi: [10.25424/CMCC/EVIDENCE_CLIMATE-ADAPT_EVALUATION_2018](https://doi.org/10.25424/CMCC/EVIDENCE_CLIMATE-ADAPT_EVALUATION_2018)

Giannini V., E. Ramieri, M. Caso Chávez, K. Santos del Prado Gasca, K. Priego Martínez. (2016) A participatory process to design climate change adaptation measures for the Carmen-Pajonal- Machona lagoon system in Mexico. North American Symposium on Climate Change Adaptation, Columbia University in New York (USA), 17-18 August. Best paper award (third place). <https://www.haw-hamburg.de/en/ftz-als/veranstaltungen/northamerica2016.html>

Giannini V., Bellucci A., Torresan S. (2016) Sharing skills and needs between providers and users of climate information to create climate services: lessons from the Northern Adriatic case study. Earth Perspectives, 3. <https://earth-perspectives.springeropen.com/articles/10.1186/s40322-016-0033-z>

Davide, M., V.Giannini, S.Venturini, S.Castellari. (2015) Questionario per la strategia nazionale di adattamento ai cambiamenti climatici: elaborazione dei risultati. http://www.minambiente.it/sites/default/files/archivio/allegati/clima/snac_rapporto_questionario.pdf

Giannini, V., A.A.Allan, C.Hutton, C.Giupponi, F.A.Johnson. (2015) IWRM responses to cope with "what if?" scenarios. IN: W.A. Flügel & N.Sharma (Eds.). Applied Geoinformatics for Sustainable Integrated Water resources Management (IWRM). Results from the EU-project BRAHMATWINN. Springer ISBN:978-81-322-1966-8

Gallina V., Torresan S., Giannini V., Rizzi J., Zabeo A., Gualdi S., Bellucci A., Giorgi F., Critto A., Marcomini A., 2013. Climate services for the assessment of climate change impacts and risks in coastal areas at the regional scale: the North Adriatic case study (Italy). EGU General Assembly 2013.

Torresan S, V Gallina, V Giannini, J Rizzi, A Zabeo, A Critto, A Marcomini, 2012. DESYCO: a Decision Support System to provide climate services for coastal stakeholders dealing with climate change impacts. EGU General Assembly 2012, held 22-27 April, 2012 in Vienna, Austria., p.10138

PUBLICATIONS (PREVIOUS EXPERIENCE)

list of publications

Giupponi C., S. Giove, V. Giannini: A dynamic assessment tool for exploring and communicating vulnerability to floods and climate change. *Environmental Modelling and Software* 05/2012; 44 (doi:10.1016/j.envsoft.2012.05.004)

Giannini, V. 2012. Knowledge sharing among and within stakeholder groups to cope with climate related risks

Giannini V., C. Giupponi: Improving Water Governance Through Science and Stakeholder Dialogue: Experience from Assam (Northeast India). *SSRN Electronic Journal* 12/2011; DOI:10.2139/ssrn.2027989

Ceccato L., V. Giannini, C. Giupponi: Participatory Assessment of Adaptation Strategies to Flood Risk in the Upper Brahmaputra and Danube River Basins. *Environmental Science & Policy* 12/2011; 14(8). DOI:10.1016/j.envsci.2011.05.016

Giannini V.: REDD and International Organizations. *SSRN Electronic Journal* 01/2011

Hutton C.W., S. Kienberger, F. Amoako Johnson, A. Allan, V. Giannini, R. Allen: Vulnerability to climate change: people, place and exposure to hazard. 04/2011

Giannini V., C. Giupponi: Integration by identification of indicators. 01/2011; 7

Giannini V., L Ceccato, C Hutton, A A Allan, S Kienberger, W.-A Fi Ugel, C Giupponi: Development of responses based on IPCC and "what-if?" IWRM scenarios. 01/2011; 7

Giannini, V. (2011) Can Fishers' Virtuous Behavior Improve Large Marine Ecosystem Health?, in *World Fisheries: A Social-Ecological Analysis* (eds R. E. Ommer, R. I. Perry, K. Cochrane and P. Cury), Wiley-Blackwell, Oxford, UK.

Ceccato L., V. Giannini, C. Giupponi: A Participatory Approach to Assess the Effectiveness of Responses to Cope With Flood Risk. *SSRN Electronic Journal* 01/2010; DOI:10.2139/ssrn.1593506

Giupponi C., Giannini V. (2010). Participatory Planning for Climate Change Adaptation in the Brahmatwinn Project. In: *Modelling for Environment's Sake, 5th Biennial Meeting of iEMSs*. Ottawa, 5-8/7/2010iEMSs, vol. 1, p.600

Giannini V., C. Giupponi, A. Allan, A. Rieu-Clarke, M. Clark, C. Hutton, L. Ceccato: A participatory approach for defining response strategies to reduce risk and vulnerability from flooding in a changing climate. *IOP Conference Series Earth and Environmental Science* 02/2009; 6(36).

Giannini, V. 2006. Diagnostic of community marine reserve models and methodologies for application in the Mesoamerican Reef Region.

Dave, R., V.Giannini & Y.Ichishima. Securing the Caribbean Fisheries: A Governance, Management and Technology Regulation Approach. Presented in: Annual Sustainable Economic Development Conference of The University of the West Indies, Saint Augustin, Trinidad and Tobago (15-16 May 2006), Yale School of Forestry and Environmental Studies and University of the West Indies

Giannini, V., Per un paesaggio della Val di Magra. Estetica di opera dell'uomo. In exhibition: The Real City Research and Design, by the Department of Architectural Design of the Politecnico di Milano National Museum of Science and Technology Leonardo da Vinci, Milan, Italy (3-19 December 1999)

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