

Francesca Larosa

PhD student in Climate Change Sciences and Management
Ca' Foscari University of Venice

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PERSONAL

Born: August 29, 1990
Citizenship: Italian
Languages: Italian (native), English (C2), Spanish (C2), French (B1)

EDUCATION

2017-2021: Ph.D. Climate Change Sciences, Ca' Foscari University of Venice
- *Thesis Title*: "Supporting climate change adaptation: the roots of adoption and diffusion of climate information services" (*preliminary*)
- *Supervisors*: Prof. Carlo Carraro and Dr. Jaroslav Mysiak
- *Research interests*: network science, information theory, innovation

2012-2015: M.Sc. Economic and Social Sciences, Bocconi University, Milan (Italy)

2009-2012: B.Sc. Economics, University of Pisa, Pisa (Italy)

RESEARCH EXPERIENCE

2019: Visiting PhD student at Priestley International Centre for Climate, School of Earth and Environment, University of Leeds, United Kingdom
- Working under the supervision of Prof. Suraje Dessai and Dr. Marta Bruno-Soares on climate services (March-July 2019)
- Currently developing a Machine Learning routine for Natural Language Processing using R

2017-present: Researcher at Euro-Mediterranean Center on Climate Change (CMCC), Venice
- *Main expertise*: Climate services and climate innovation. Working on two Horizon2020 projects: Climate forecast enabled knowledge services (CLARA) and European Market for Climate Services (EU-MACS)
- Leader of the activities of a Working Package of CLARA project aimed at supporting marketing of climate services

2016-2017: Researcher at Bocconi University, Milan
- Laboratory for Effective Anti-Poverty Policies (LEAP)

- Worked on the Girls Education Challenge (GEM) funded by the UK-DFID, supporting Prof. Selim Gulesci (Bocconi) and Prof. Konrad Burchardi (Stockholm University) in the endline phase of a project evaluation study
- Field mission to Dodoma (Tanzania) as field coordinator. Engaged in data analysis using STATA software

- Centre for Research on Innovation, Organisation, Strategy and Entrepreneurship (I-CRIOS)

- Worked on Social Networks and innovation diffusion in the Mediterranean area
 - Supervisor: Prof. Franco Malerba and Prof. Roberto Mavilia
- 2013-2014: Research Assistant at Bocconi University, Milan
- Dondena Centre for Research on Social Dynamics
 - Worked on the “Women Mean Business and Economic Growth—Promoting Gender Balance on Company Boards”, granted under the PROGRESS program of the European Commission

SELECTED WORK EXPERIENCES

- 2018-present: Co-founder and Scientist at BalanceShift
- Fintech startup specialized in providing climate risk assessments to companies by using Earth Observations (Eos) and Copernicus products
- 2018-present: Deputy trainer for Italy of the Copernicus Climate Change Data Store
- Responsible to deliver blended trainings on the use of climate data and related products.
 - Training delivered include: Marseille (France) at the European Space Week in December 2018; Bologna (Italy) for the National Italian training in November 2018
- 2017: Short-term consultant at The Economist Intelligence Unit (EIU), London
- Public Policy, Economics and Politics Division
 - Worked on the Sustainable Food Systems Index
- 2015-2016: Consultant at International Center for Tropical Agriculture (CIAT), Nicaragua
- Worked on adaptation to climate change through quantitative assessments of strategies of smallholder farmers in Central America
 - Responsible for data collection and data analysis of a large (300+ individuals) survey across 11 locations in Nicaragua
- 2014-2015: Consultant at Food and Agriculture Organisation of the United Nations (FAO)
- Economics and Statistics Division (ESS), based in Rome, Italy
 - Part of the Producer Prices Team supporting data collection, imputation and estimation for FAOSTAT available datasets

PEER-REVIEWED PUBLICATIONS

Larosa, F. and Mysiak, J. 2019. *Mapping the landscape of Climate Services*. Environmental Research Letters. <https://doi.org/10.1088/1748-9326/ab304d>

Larosa F. and Mysiak J. 2019. Business models for climate services: an analysis. *Climate Services*. <https://doi.org/10.1016/j.cliser.2019.100111>

Ferrara M.; Mavilia R.; **Larosa F.**. 2017. *Inventive activity and Knowledge Flows in the Mediterranean Area: A Social Network Analysis based investigation approach*. African Journal of Science, Technology, Innovation and Development. <https://doi.org/10.1080/20421338.2017.1396651>

NON PEER-REVIEWED PUBLICATIONS

Larosa F.; *Opportunities and barriers report*. 2018. Deliverable 5.1 CLARA – Climate forecast enabled knowledge services. Grant agreement 730482. 2018. Accessible [here](#).

Hamaker-Taylor R., Perrels A., Canevari L., Nurmi V., Rautio T., Rycerz A. and **Larosa F.**. 2018. *Results of explorations of the climate services market for the*

financial sector.; Deliverable 2.1 EU-MACS - European Market for Climate Services. Grant agreement 730500. Accessible [here](#).

Larosa F. and Perrels A.; 2017. *Assessment of the existing resourcing and quality assurance of current climate services*. Deliverable 1.2 EU-MACS - European Market for Climate Services. Grant agreement 730500. Accessible [here](#).

Reyes B; Vásquez M; **Larosa F.**; Gómez L; Espinal M; Wiegel J; van Loosen I; Jäger M; Rodríguez I; Lundy M.. 2016. *Traditional markets for poverty reduction and food security: Exploring policy options in Honduras and Nicaragua*. CIAT Policy Brief No. 29. Centro Internacional de Agricultura Tropical (CIAT), Cali, Colombia. 6 p. Accessible [here](#).

Euroscepticism: Voices from Young European Leaders. May 2015. Young European Leadership, Berlin, Germany. (contributor for the Italian content)

WORKING PAPERS

Larosa F. 2019. The origins of a new market: taxonomy of business models for climate services. – *under review*

AWARDS AND GRANTS

- 2018: *Winner* of the Complex Systems Society Scholarship to participate to the Mediterranean School of Complex Networks (Salina, Italy).
Winner of the Copernicus Accelerator Program with BalanceShift.
Winner of the Astropreneurs Accelerator Program with BalanceShift.
Winner of the Best Startup Idea at the ISU ESA event in Noordwijk (The Netherlands) in July 2018 with BalanceShift
- 2017: *Winner* of the 4-year scholarship granted by the Italian Ministry of Education for the PhD Climate Change Sciences at Ca' Foscari University
- 2013: *Winner* of the scholarship for the attendance to the ISPI winter school in humanitarian emergences, granted by Bocconi University

TEACHING EXPERIENCE

- *Ca' Foscari University of Venice* -

- 2018: Guest lecturer in the following PhD Courses:
- Introduction to Climate Dynamics [PHD066]. “Socio-economic inequalities under climate change”
 - Methods and Tools for the Analysis of Climate Change Impacts and Policies [PHD028]. “Network Science: theory and applications”
 - Climate Change Policies – Negotiations, implementations and assessment [PHD091]. “Analyzing textual material through R and Python”

PhD Tutor in STATA, R and Python

CONFERENCES AND WORKSHOPS

- 2019: *Conferences:*
- European Conference on Climate Change Adaptation – ECCA2019 (Lisbon, 28-31 May): accepted for oral presentation
 - Annual Conference of the Italian Association of Environmental and Resource Economists (Udine, 07-08 February): oral presentation
- 2018: *Conferences:*

- Italian Society for Climate Sciences (SISC) Annual Conference (Venice, 17-18 October): oral presentation
- 2017:
- Workshops:*
- “Climate Services at work” (Bruxelles, 29-30 November)
- Conferences:*
- Italian Society for Climate Sciences (SISC) Annual Conference (Bologna, 26 October): oral presentation
 - European Conference on Climate Change Adaptation – ECCA2017 (Glasgow, 5-9 May): oral presentation

INVITED TALKS

- 2019: Sectoral Information System User Showcase Workshop (Lisbon, 12-14 March). “The use of Copernicus data and products for start-up: BalanceShift”
- 2018: Live-streamed conversation with the Vice-President of the European Union for Energy Union and Space Strategy on Space Technologies and Climate Change. The talk was streamed on the main social accounts of the European Commission and followed by approximately 15000 viewers. Video [here](#).

ADDITIONAL EDUCATION

- 2018: Mediterranean School of Complex Networks (MSCX), September 2018, Salina, Sicily, Italy
- Climate-KIC InnoSpace Journey Summer School, Bologna (IT)-Lund (SWE) - Leiden (NT)
- 2017: Climate-KIC Pioneers into Practice program: secondment in Valencia at Polytechnic University of Valencia, September-October
- 2013: Winter School, Italian Institute for International Political Studies (ISPI): Humanitarian Emergencies

COMPUTER SKILLS

Software	STATA – <i>advanced</i>
	R – <i>advanced</i>
	Python – <i>intermediate</i>
	NVivo – <i>advanced</i>
Operative system	Mac OS; Windows - <i>advanced</i>
Graphical	InDesign – <i>intermediate</i> ; Gephi - <i>advanced</i>

SERVICE TO THE PROFESSION

- Reviewer for Science of the Total Environment (STOTEN)
- Reviewer for Ocean and Coastal Management (OCMA)
- Co-organiser of Climathon, together with Silvia Santato. Venice, 2018
- Member of the Complex Systems Society (CSS), the Italian Association of Environmental and Resource Economists (IAERE) and the Italian Society of Climate Sciences (SISC)