

DATOLA Giulia



Nationality: Italia

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EDUCATION

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| 11/01/2018 - up to present | Ph.D. in Urban and Regional Development
Politecnico di Torino, Italy |
| September 2018 | Become certified Architect
University of Genova, Italy |
| December 2017 | High formation course "Buildings energy efficiency", Aghape
Politecnico di Torino, Italy |
| September 2014 -
February 2017 | Master Degree in Architecture Construction City
Politecnico di Torino, Italy

Thesis: Fuzzy Cognitive Maps: an integrated approach for urban
regeneration scenarios evaluation

Supervisors: Bottero M., Monaco R.

Final grade: 110/110 cum laude |
| Septembre 2014 | Infographic Workshop
Politecnico di Torino, Italy |
| September 2011 -
September 2014 | Bachelor's Degree in Architecture
Politecnico di Torino, Italy

Final grade: 95/110 |

EUROPEAN EXPERIENCE

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| 09/01/2018 - 10/30/2018 | ResCult Project - Increasing Resilience of Cultural heritage: a supporting decision tool for the safeguarding of cultural assets.
Politecnico di Torino, Italy |
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PROFESSIONAL EXPERIENCE

June 2019 - up to present	<p>Collaboration to the project “DRIVE-EN: energy as a driver for territorial regeneration Alta Scuola Politecnica (ASP), Politecnico di Torino and Politecnico di Milano, Italy</p> <p>The main activities are referred to the communication between students and professor, the organization of the meeting and helping professors in work and elaborates revision.</p>
May 2019 - June 2019	<p>Collaboration at the course “Project appraisal” Politecnico di Milano - Milan, Italy</p> <p>Collaboration with Professor Francesca Torrieri and Marta Bottero at the course “Project appraisal” in Master degree in Architecture al Politecnico di Milano. The conducted activities have been mainly focused on the explanation.</p>
May 2019 - up to present	<p>ZOOM park, Torino City of Turin, Italy</p> <p>The research group will collaborate for the elaboration of PEC for the biopark and the SEA for the ZOOM park. (Research group: Professor Giulio Mondini, Professor Marta Bottero. Junior researchers: Vanessa Assumma, Caterina Caprioli, Giulia Datola, Arch. Elisa Zanetta)</p>
May 30, 2019	<p>Lecture as speaker on “City and resilience” at course “Valutazione di Impatto ambientale”, bachelor in Architecture Politecnico di Torino, Turin, Italy</p>
April 2019 - up to present	<p>New Municipal Plan for Torino City of Turin, Italy</p> <p>Collaboration to support the definition of a strategy for the new municipal plan for the city of Torino. Research group: Professor Giulio Mondini, Professor Marta Bottero. Junior researchers: Vanessa Assumma, Caterina Caprioli, Giulia Datola, Federico Dell'Anna and Arch. Elisa Zanetta</p>
March 7 th 2019	<p>Lesson “Decision Making in urban planning” in the Master “Estimo e valutazione immobiliare” (MRev) First edition Politecnico di Milano - Milan, Italy</p> <p>Lesson as a speaker about the decision making in urban planning. The topic of the lesson was the application of the Fuzzy Cognitive Maps technique as decision tool to assess different urban regeneration scenarios.</p>
March 2019	<p>Urban Management Course, at the Master Degree in Geografia e Scienze Territoriali, Professor Marta Bottero University of Turin, Italy</p> <ul style="list-style-type: none">- Lecture as a speaker about the topic of Multicriteria Analysis and Analytic Hierarchy Process, March 18 2019;- Lecture as a speaker for the illustration of the exercise on Analytic Hierarchy Process application, March 25 2019
October 2018 - November 2018	<p>Teaching Assistant in the course “Economic feasibility of plans and projects”, Bachelor in Territorial, Urban, Environmental and Landscape Planning City of Turin, Italy</p> <p>Lecture as speaker about the topic of Multicriteria Analysis and Multi - Attribute Value Theory. Support the professor in the revision of the students' work about the application of the MAVT to real case study.</p>
09/01/2018 - 10/30/2018	<p>Research Grant DIST, Politecnico di Torino - Torino, Italy</p> <p>Postgraduate research fellowship at the Interuniversity Department of Regional and Urban Planning of the Politecnico di Torino. The research activities are related to the ResCult project. These are focused on the evaluation and identification of the main risks (flood, earthquake and fire) to which the Convent of San Nicola (Tolentino, Italy) and the Santa Maria dei Miracoli Church (Venezia, Italy) are exposed to.</p>
09/01/2018 - 10/31/2018	<p>Architect assistant A4 Architettura Integrata - Alessandria, Italy</p> <p>The unrolled activities are related to a regeneration project, that can be summarised as follow:</p> <ul style="list-style-type: none">• Preliminary analysis: SWOT Analysis, Stakeholder Analysis;• Structuring the decision problem and defining the objectives of the project, through the support of Multi-Criteria Analysis;• Structuring the questionnaire for the evaluation of the social benefit (VET)
April 2017 - June 2017	<p>Architect assistant Studio Tecnico Russo - Alessandria, Italy</p>
October 2016 - December 2016	<p>Architect assistant A4 Architettura Integrata - Alessandria, Italy</p>

LANGUAGE SKILLS

Mother tongue Italian

Other languages

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Interaction	Production	
B2	B2	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user Common European Framework of Reference for Languages

Language certificate IELTS: 5.5

COMPUTER SKILLS

Operating system Microsoft, Macintosh
good level

Programme / Software Autocad; Archicad; Revit; Adobe: Photoshop, Illustrator, Indesign, Lightroom; Microsoft Office: Word, Excel; 3d Studio Max; Sketchup; V-ray
good level

Spreadsheet Excel
good level

OTHER INFORMATION

Award

06/05/2017 - 07/05/2017 Second classified at the urban regeneration contest
"Hacking Alessandria", Alessandria - Italy

Workshop

10/17/2018 Second training session of the ResCult project, Politecnico di Torino,
Turin, Italy

11/09/2018 Third training session of the ResCult project, Musée de Préhistoire des
Gorges du Verdon, Quinson, France

Conference session

1 - 4 July 2020 Chair and workshop organizer for the session "Building multi-dimensional models for assessing complex environmental systems" - MES 2020 at The 20th International Conference on Computational Science and its Applications, Cagliari, Italy

- 2017 Bottero M., Datola G., Monaco R. (2017) Exploring the Resilience of Urban Systems Using Fuzzy Cognitive Maps. ICCSA 2017: Computational Science and Its Applications – ICCSA 2017, 338-353
- 2017 Bottero M, Datola G., Mondini G. (2017) Decision-making tools for urban regeneration processes: from stakeholders analysis to stated preference methods. TeMa Journal of Land Use 2,193 – 212
- 2019 Bottero M., Datola G., Monaco R. (2019) The Use of Fuzzy Cognitive Maps for Evaluating the Reuse Project of Military Barracks in Northern Italy. New Metropolitan Perspectives, 691 – 699
- 2019 Datola G., Bottero M., De Angelis E. (2019) How Urban Resilience Can Change Cities: A System Dynamics Model Approach. In: Misra S. et al. (eds) Computational Science and Its Applications – ICCSA 2019. ICCSA 2019. Lecture Notes in Computer Science, vol 11622. Springer, Cham
- 2019 Bottero, M., Datola, G., Dho, A. (2019) Social sustainability and urban regeneration process: a Naiade application for social impacts evaluation. Proceeding in: Energy for Sustainability International Conference 2019 Designing a Sustainable Future Turin, 24-26 July 2019
- 2019 Assumma, V., Bottero, M., Datola, G., De Angelis, E., Monaco, R. (2019) COME ESPORARE LA RESILIENZA NEI SISTEMI URBANI E TERRITORIALI? UNA PANORAMICA SUI MODELLI DINAMICI. In proceeding: XL CONFERENZA ITALIANA DI SCIENZE REGIONALI
- 2019 Bottero M., Datola, G., Monaco, R. (2019) Fuzzy Cognitive Maps: a dynamics approach for urban regeneration processes evaluation, Valori e Valutazioni 23, 77-90
- 2020 Caruso, N., Bottero, M., Bragaglia, F., Datola G., Dell'Anna, F. (2020) Experimenting Community Impact Evaluation (CIE) for assessing urban regeneration programmes: the case study of the area 22@ Barcelona, Cities 99 doi: <https://doi.org/10.1016/j.cities.2019.102464>
- 2020 Assumma, V., Bottero, M., Datola, G., De Angelis, E., Monaco, R. (2020) Dynamic Models for Exploring the Resilience in Territorial Scenarios, Sustainability 12 (3), 1- 19 doi:10.3390/su12010003

CONFERENCES

- 09/16/2019 - 09/18/2019 Speaker “XL Conferenza Scientifica Associazione Italiana Scienze Regionali”, Gran Sasso Institute, L'Aquila - Italy
- 07/24/2019 - 07/26/2019 Speaker “EfS 2019 – 4th ENERGY FOR SUSTAINABILITY INTERNATIONAL CONFERENCE: DESIGNING A SUSTAINABLE FUTURE”, Politecnico di Torino, Turin - Italy
- 07/01/2019 - 07/04/2019 Speaker “ICCSA, International Conference on Computational Science and Its Applications”, Saint-Petersburg - Russia
- 11/21/2018 - 11/23/2018 European Forum for Disaster Risk Reduction, Rome - Italy
- 07/01/2017 - 07/04/2018 Speaker “ICCSA, International Conference on Computational Science and Its Applications”, Trieste - Italy