

## Federico DELL'ANNA

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03/05/1987 LECCE (LE) ITALY

Nationality: Italian

📍 Via Martano,181 73010 - CAPRARICA DI LECCE (LE) ITALY  
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🌐 <https://www.linkedin.com/in/federico-dell-anna-44b09667>

### EDUCATION

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- 10/03/2016 - up to present \* [Ph.D. in Urban And Regional Development](#)  
Politecnico di Torino
- 09/19/2013 - 12/21/2015 \* [Master's Degree in Architecture Construction City](#)  
Politecnico di Torino  
Thesis: Evaluating co-benefits of nZED projects: methodological approach and experimentation in the city of Turin.  
Supervisors Corgnati S., Bottero M., Becchio C.  
Final grade 107/110
- 09/17/2007 - 07/23/2013 \* [Bachelor's Degree in Architecture Sciences](#)  
Politecnico di Torino  
Thesis: Architecture of pure forms: geometric analysis of Oswald Mathias Ungers' works  
Supervisors Spallone R.  
Final grade 106/110

### TRAINING

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- 05/05/2019 - 05/22/2019  
(duration 94 hours) [Advanced Energy System Analysis on the EnergyPLAN model](#)  
Aalborg University - Aalborg - DENMARK  
Certificates obtained: attendance
- 07/23/2018 - 08/03/2018  
(duration 12 days) [Participation in the 2018 EURO PhD Summer School on MCDA/M.](#)  
Technical University of Crete - Chania - GREECE  
Certificates obtained: skills declaration

### INTERNATIONAL EXPERIENCE

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- 05/02/2019 - 05/31/2019 [Advanced Energy System Analyses on the EnergyPLAN Model](#)  
Aalborg University - Aalborg - DENMARK
- 07/21/2018 - 08/14/2018 [Participation in the research project "Socio-ecological assessment of urban landscapes: a comparative study"](#)  
National University of Singapore - Singapore - SINGAPORE
- 03/17/2018 - 04/24/2018 [Participation in the research project "Integrated evaluations for the urban management"](#)  
Universitat Politècnica de Catalunya - Barcelona - SPAIN

## PROFESSIONAL EXPERIENCE

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- 01/27/2019 - 09/21/2019 **Teaching assistant**  
 Politecnico di Torino - Turin - ITALY  
 Teaching assistant in the course "Architecture and urban economics", Master programme in Architecture Construction City.  
 Temporary Work
- 01/22/2018 - 09/28/2018 **Teaching assistant**  
 Politecnico di Torino - Torino - ITALY  
 Teaching assistant in the course "Architecture and urban economics", Master programme in Architecture Construction City.  
 Temporary Work
- 01/23/2017 - 09/27/2017 **Teaching assistant**  
 Politecnico di Torino - Torino - ITALY  
 Teaching assistant in the course "Architecture and urban economics", Master programme in Architecture Construction City.  
 Temporary Work
- 01/15/2016 - 11/30/2016 **Research grant**  
 DENERG, Politecnico di Torino - Torino - ITALY  
 Postgraduate research fellowship at the Energy Department of the Politecnico di Torino. The research activities make reference to the "Cost-optimal analysis of zero-energy districts" project. Appropriate methodologies to guide energy planning at urban scale are investigated, in order to perform new approaches according to support decision support system by social point of view.  
 Temporary Work
- 12/14/2010 - 04/01/2011 **Curricula traineeship**  
 SECAP spa - Torino - ITALY  
 A curricula traineeship was performed at the construction company SECAP SpA. This project, which lasted 225 hours, moved through a complex of activity at the construction site located in Turin (Italy) in the area called Ex-INCET. The main activity was the drafting of a bill of materials for new buildings used as barracks by Carabinieri (Italian military police). During the internship, activities were carried out in the yard, achieving the goals assigned by SECAP SpA and me; knowing threats and problems of the construction processes management.  
 Internship

## LANGUAGE SKILLS

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Mother tongue Italian

Other languages

English \*

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B1	B1	B1	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

[Common European Framework of Reference for Languages](https://didattica.polito.it/privacy/index_en.html)

## Language certificates

2013 IELTS : 5

## COMPUTER SKILLS

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OPERATING SYSTEM	Microsoft, Mac Os X, Ubuntu good level
PROGRAMS/SOFTWARE	Word, Power Point, Keynote, 3DResheper, MicMac, Scene, Docet good level
DATABASES	Access
CAD	Autocad, Revit, Sketchup good level
GRAPHICS	Photoshop, Illustrator, Indesign, Lightroom good level
SPREADSHEET	Excel, Primus, Numbers good level

## PERSONAL SKILLS/OTHER SKILLS

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"Evaluating co-benefits of nZED projects: methodological approach and experimentation in the city of Turin" was elected as one of the four best master theses for the AiCARR award 2016 (Milan, 18th October 2016).

"A PROMETHEE-based approach for exploring cultural-gastronomic values in Monferrato Region (Italy)" won the 4th Jean-Pierre Brans PROMETHEE Award as best paper presented at PROMETHEE Days 2017 (Portsmouth, 12th May 2017)

## OTHER INFORMATION

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Driving license

Available to travel on business in Italy, abroad

Available to relocate in Italy, abroad

## PUBLICATIONS

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- 2019 Becchio C., Bottero M., Corgnati S., Dell'Anna F., Delmastro C., Pesce E., Vergerio G. (2019). "A CBA-based model to evaluate the retrofit of a reference district". In Proceeding of 16th IBPSA International Conference and Exhibition, Building Simulation 2019 (forthcoming)
- 2019 Bottero M.C., Dell'Anna F., Gobbo G. (2019). "A PROMETHEE-based approach for designing the reuse of an abandoned railway in the Monferrato Region (Italy)". In International Journal of Multicriteria Decision Making, 8(1), pag. 60-83
- 2019 Becchio C., Bottero M., Corgnati S.P., Dell'Anna F., Pederiva G., Vergerio G. (2019). "A composite decision support system for assessing transformation scenarios at the district level". In 4th Energy for Sustainability International Conference - EfS 2019 (forthcoming)
- 2019 Dell'Anna F., Vergerio G., Corgnati S., Mondini G. (2019). "A new price list for retrofit intervention evaluation on some archetypical buildings". In Valori e Valutazioni, 22 (forthcoming), pag. 1-15

- 2019 Bottero M., D'Alpaos C., Dell'Anna F. (2019). "Boosting investments in buildings energy retrofit: the role of incentives". In *New Metropolitan Perspectives - 2019 Local Knowledge and Innovation Dynamics Towards Territory Attractiveness Through the Implementation of Horizon/E2020/Agenda2030 – Volume 2*, pag. 593-600, ISBN 9783319921013
- 2019 Becchio C., Bottero M., Corgnati S., Dell'Anna F., Fabi V., Lingua C., Prendin L., Ranieri M. (2019). "Effects on energy savings and occupant health of antibacterial filter". In *Proceedings of 13th REHVA World Congress CLIMA 2019* (forthcoming)
- 2019 Becchio C., Bottero M., Corgnati S., Dell'Anna F., Fabi V., Lingua C. (2019). "Energy and financial evaluation of thermal comfort. The case study of the Hotel Residence l'Orologio". In *Proceeding of 16th IBPSA International Conference and Exhibition, Building Simulation 2019* (forthcoming)
- 2019 Bottero M., Bravi M., Dell'Anna F., Marmolejo-Duarte C. (2019). "Energy efficiency choices and residential sector: observable behaviors and valuation models". In *Values and Functions for future cities: results of SIEV 2017-2018*, Springer (forthcoming)
- 2019 Bottero M., Bravi M., Dell'Anna F., Marmolejo-Duarte C. (2019). "How the spatial hedonic agenda of EPCs differs in two climatic zones". In *4th Energy for Sustainability International Conference - EfS 2019* (forthcoming)
- 2019 Becchio C., Bottero M., Bravi M., Corgnati S.P., Dell'Anna F., Mondini G., Vergerio G. (2019). "Integrated assessments and energy retrofit: the contribution of the Energy Center Lab of the Politecnico di Torino". In *Values and Functions for future cities: results of SIEV 2017-2018*, Springer (forthcoming)
- 2019 Bottero M., Comino E., Dominici L., Rosso M. (2019). "Strategic Assessment and Economic Evaluation: The Case Study of Yanzhou Island (China)". In *Sustainability*, 11(4), pag. 1076
- 2019 Becchio C., Bertoncini M., Boggio A., Bottero M., Corgnati S., Dell'Anna F. (2019). "The Impact of Users' Lifestyle in Zero-Energy and Emission Buildings: An Application of Cost-Benefit Analysis". In *New Metropolitan Perspectives Local Knowledge and Innovation Dynamics Towards Territory Attractiveness Through the Implementation of Horizon/E2020/Agenda2030 – Volume 1*, pag. 123-131, ISBN 9783319920986
- 2019 Becchio C., Bottero M., Corgnati S., Dell'Anna F., Fabi V., Lingua C., Prendin L., Ranieri M. (2019). "The effects of indoor and outdoor air pollutants on workers' productivity in office building". In *Proceedings of 13th REHVA World Congress CLIMA 2019* (forthcoming)
- 2018 Becchio C., Bottero M., Corgnati S., Dell'Anna F. (2018). "Decision making for sustainable urban energy planning: an integrated evaluation framework of alternative solutions for a NZED (Net Zero-Energy District) in Turin.". In *Land Use Policy*, 78, pag. 803-817
- 2018 Bottero M., Dell'Anna F., Nappo M. (2018). "Evaluating Tangible and Intangible Aspects of Cultural Heritage: An Application of the PROMETHEE Method for the Reuse Project of the Ceva–Ormea Railway .". In *Integrated Evaluation for the Management of Contemporary Cities. SIEV 2016. Green Energy and Technology*. Springer, Cham, pag. 285-295, ISBN 978-3-319-78270-6
- 2018 Becchio C., Bottero M., Corgnati S.P., Dell'Anna F. (2018). "Evaluating health benefits of urban energy retrofit: an application for the city of Turin". In *Smart and Sustainable Planning for Cities and Regions. SSPCR 2017. Green Energy and Technology.*, pag. 281-304, ISBN 978-3-319-75773-5
- 2018 Bottero M., Bravi M., Dell'Anna F., Mondini G. (2018). "Valuing buildings energy efficiency through Hedonic Prices Method: are spatial effects relevant?". In *Valori e Valutazioni*, 21, pag. 27-39

- 2017 Becchio C., Bottero M.C., Casasso A., Corgnati S. P., Dell'Anna F., Piga B., Sethi R (2017). "Energy, Economic and Environmental Modelling for Supporting Strategic Local Planning.". In *Procedia Engineering*, 205, pag. 35-42, ISSN 1877-7058
- 2017 Buso T., Dell'Anna F., Becchio C., Bottero M. C., Corgnati S. P (2017). "Of comfort and cost: Examining indoor comfort conditions and guests' valuations in Italian hotel rooms.". In *Energy Research & Social Science*, 32, pag. 94-111, ISSN 2214-6296
- 2017 Borchiellini, R.; Corgnati, S.P.; Becchio, C.; Delmastro, C.; Bottero, M.C.; Dell'Anna, F.; Acquaviva, A.; Bottaccioli, L.; Patti, E.; Bompard, E.; Pons, E.; Estebarsari, A.; Verda, V.; Santarelli, M.; Leone, P.; Lanzini, A (2017). "The Energy Center Initiative at Politecnico di Torino: Practical experiences on energy efficiency measures in the municipality of Torino.". In *International Journal of Heat and Technology*, 35, pag. 196-204, ISSN 0392-8764
- 2016 Becchio C., Bottero M., Corgnati S.P., Dell'Anna, F. (2016). "A MCDA-Based Approach for Evaluating Alternative Requalification Strategies for a Net-Zero Energy District (nZED)". In *Multiple Criteria Decision Making: Applications in Management and Engineering / Zopounidis C., Doumpos, M. Springer International Publishing Switzerland, New York*, pag. 189-211, ISBN 9783319392905
- 2016 Becchio C., Bottero M., Corgnati S.P., Dell'Anna F. (2016). "COST BENEFIT ANALYSIS AND SMART GRIDS PROJECTS.". In *NEW DIST*, 1, pag. 278-287

## CONFERENCES

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- 04/01/2019 - 05/03/2019 Co-author "XXII Congresso Nazionale Associazione Italiana di Valutazione AIV - Il valore dei servizi ecosistemici culturali delle aree verdi urbane: applicazione di un modello edonimetrico spaziale per la città di Torino - The value of cultural ecosystem services in urban green areas: application of a spatial hedonimetric model for the city of Turin" Università IUAV di Venezia - IUAV, Venice, ITALY
- 09/30/2018 - 10/04/2018 Co-author "13th SDEWES Conference 2018 - Energy retrofit of public buildings and Multicriteria Decision Analysis: the application of the ELECTRE-TRI nC model to a decision process under architectural or landscape constraints" Palermo, ITALY
- 07/08/2018 - 07/11/2018 Co-author "EURO 2018 - 29th European Conference on Operational Research - Assessing energy retrofit strategies for public buildings: an application of the ELECTRE-TRI nC model" City of Arts and Sciences (CAC), Valencia, SPAIN
- 05/22/2018 - 05/25/2018 Co-author "New Metropolitan Perspective 2018 - Boosting investments in buildings energy retrofit: the role of incentives" Università Mediterranea, Reggio Calabria, ITALY
- 05/22/2018 - 05/25/2018 Speaker "New Metropolitan Perspectives - The impact of users' lifestyle in zero-energy and -emission buildings: an application of Cost-Benefit Analysis" Università Mediterranea, Reggio Calabria, ITALY
- 04/05/2018 - 07/07/2018 Speaker "87° Meeting of EURO Working Group on MCDA - Addressing the selection of requalification strategies for university campus. An application of the TOPSIS method for Politecnico di Torino." Delft University of Technology, Delft, NETHERLANDS
- 10/19/2017 - 10/22/2017 Co-author "10th International Symposium on Heating, Ventilation and Air Conditioning - ISHVAC2017 - Energy, Economic and Environmental Modelling for Supporting Strategic Local Planning" Jinan, CHINA
- 05/11/2017 - 05/12/2017 Speaker "4th PROMETHEE DAYS - A PROMETHEE-based approach for

exploring cultural-gastronomic values in Monferrato Region (Italy)" University of  
Portsmouth, Portsmouth, UNITED KINGDOM

- 04/20/2017 - 04/21/2017 Speaker "85° Meeting of EURO Working Group on MCDA - Post-carbon building to design post-carbon city. An application of the PROMETHEE method for the comparison of energy requalification strategies" Università di Padova, Padova, ITALY
- 03/22/2017 - 03/24/2017 Speaker "2nd International Conference SSPCR 2017 - Smart and Sustainable Planning for Cities and Regions - Evaluating health benefits of urban energy retrofit: an application for the city of Turin." EURAC, Bolzano, ITALY
- 02/18/2016 - 02/19/2016 Co-author "International Conference SBE16 – Towards Post-Carbon City - Cost Benefit Analysis and Smart Grids projects" Politecnico di Torino, Turin, ITALY

\* Fields marked with an \* are certified by Politecnico di Torino, while the potential thesis description is added by the candidate.