

Curriculum Vitae updated November 2021

Andrea De Toni, PhD, Postdoc Research Fellow and Adjunct Professor

Business Address

Politecnico di Milano

Department of Architecture and Urban Studies (DAStU)

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ResearchGate profile https://www.researchgate.net/profile/Andrea_De_Toni2

LinkedIn profile <https://www.linkedin.com/in/andrea-de-toni-381402a1/>

I am an urban and regional planner by training, my research interests relate to the disadvantaged areas' analysis and development, the localization of Sustainable Development Goals at local and regional scale and the implementation of Cohesion and Rural Development Policies. I held a PhD *cum laude* in Biosciences and Territory (Doctor Europaeus certification) with a dissertation on "Inner Peripheries spread over rural Europe: from territorial needs to the European Policy debate" at the University of Molise. I graduated *cum laude* in Regional, Urban and Environmental Planning (IUAV, Venice) also earning a I level European Master in Planning and Policies for Cities. I am currently a Postdoc research fellow and Adjunct professor at Politecnico di Milano, engaged in strategic planning for university sustainability.

I collaborated with several high qualified National and European Institutions such as ISPRA (Istituto Superiore per la Protezione e la Ricerca Ambientale) and JRC (Joint Research Centre, European Commission) in contributing to research and dissemination activities, also participating in ESPON workshops as invited speaker to illustrate challenges and opportunities for the disadvantaged areas' development. I recently took part as consultant of the Nhood Italy - Ceetrus winning team with a contribution aimed at localise SDGs in the urban regeneration project of Piazzale Loreto, (C40 competition, Reinventing Cities).

Much of my work has been based upon analysis of socio-economic and environmental data at local and regional scale to support the decision-making processes in selecting planning priorities.

CURRENT ROLES

Postdoc research fellow at Politecnico di Milano

Department of Architecture and Urban Studies (DAStU), Milan, Italy

(since December 2019)

Research title "Strategic planning for university sustainability"

Project Manager: Prof. Eugenio Morello (Polimi)

Main activities performed:

- localise SDGs in research, teaching and institutional activities at Politecnico di Milano
- support in defining the overall university strategy, sustainability reporting operations and scientific and institutional event organisation

Other Projects: AP+A, Aree Produttive, Aree Pro-adattive (financed by MITE Snsvs 2. Uprunning, September 2020 / February 2022). Keywords \ climate change adaptation, sustainable development, industrial areas

Adjunct Professor at Politecnico di Milano, Polo di Mantova

School of Architecture Urban Planning Construction Engineering

Analisi della città e del territorio (Urban Planning Studio). Bachelor in Architectural Design (Spring semester 2021-2022, Academic discipline: ICAR 20). Integrated module, main instructor Prof. Chiara Visentin.

Teaching assistant at Politecnico di Milano

Department of Architecture and Urban Studies (DAStU), Milan, Italy

Course title: Energy and Urban Planning, Sustainable Urban Design (096355)

(Winter semester 2021/2022, Academic discipline: ICAR 20, Urban and Regional Planning)

PREVIOUS ROLES - TEACHING

Status of Higher Education Collaborators 2021 – Università degli Studi di Milano Bicocca, Milano, Italy
Lecture on “Localising Sustainable Development Goals in urban planning” at Sustainable Development Jobs - II level Master (AA.2020-2021)

Teaching assistant at Politecnico di Milano

Department of Architecture and Urban Studies (DAStU), Milan, Italy

Course title: Progettazione Urbana Sostenibile (099366)

(Spring semester 2020/2021, Academic discipline: ICAR 20, Urban and Regional Planning)

Tutor at Milano 2046 - ASviS

Milano Scuola sul benessere e la sostenibilità delle città 2020, Milan Italy

(November 2020 – March 2021)

Teaching assistant at Politecnico di Milano

Department of Architecture and Urban Studies (DAStU), Milan, Italy

Course title: Energy and Urban Planning, Sustainable Urban Design (096355)

(Winter semester 2020/2021, Academic discipline: ICAR 20, Urban and Regional Planning)

Fellow (post-lauream) at Università degli Studi del Molise

Department of Biosciences and Territory (DiBT), Isernia, Italy

(February 2016 – October 2016)

Research title: "Impact of land use changes and forest recolonization processes on ecosystem services provision". Project Manager: Prof. Marco Marchetti (Unimol)

PREVIOUS ROLES – OUTSIDE UNIVERSITY

Consultant for Ceetrus Management & Development S.r.l., Milan, Italy

Localise the Sustainable Development Goals in Loreto Open Community (LOC) Project, (December 2020-January 2021). LOC was declared **winner of Reinventing Cities C40 International competition** (11 May 2021).

Trainee at Italian National Institute for Environmental Protection and Research (ISPRA)

(September 2015 – November 2015)

Tutor: Prof. Ing. Michele Munafò (ISPRA, Università Sapienza Roma)

Main activities performed:

- assess and map Habitat Quality (ES) at national scale using InVEST software - within LIFE Project SAM4CP
 - develop a methodology for assessing land benefits for local communities
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EDUCATION

PhD degree *cum laude* and Doctor Europaeus certification in Biosciences and Territory - Università degli Studi del Molise

Department of Biosciences and Territory (DiBT), Isernia, Italy

(PhD course: November 2016 – October 2019. PhD degree: May 2020)

Thesis: “Inner Peripheries spread over rural Europe: from territorial needs to the European Policy debate”

Tutor: Prof. Paolo Di Martino (Unimol); Co-tutors: Prof. Bruno Lasserre (Unimol), Prof. Adrián Ferrandis Martínez (UV)

Visiting PhD student at University of Valencia (UV)

Inter-University Institute for Local Development (IIDL), Valencia, Spain

(April 2018 – March 2019)

Tutor: Prof. Joan Noguera (UV), Director of IIDL

Master degree *cum laude* in Regional, Urban and Environmental Planning – Università IUAV di Venezia

Department of Design and Planning in Complex Environments, Venice, Italy.

(October 2013 – December 2015)

Thesis: "Ecosystem services and Soil Sealing. A methodology proposal for assessing ecosystem services provided by soil [I Servizi Ecosistemici e il consumo di suolo. Proposta di una metodologia per la mappatura biofisica dei Servizi Ecosistemici resi dal suolo]"

Tutor: Prof. Matelda Reho (IUAV); Co-tutors: Prof. Ing. Michele Munafò (ISPRA), Prof. Elena Gissi (IUAV)

European Master (I Level) in Planning & Policies for Cities, Environment and Landscape – Università IUAV di Venezia and Universitat Autònoma de Barcelona (UAB)

Department of Design and Planning in Complex Environments, Venice, Italy and Department of Geography, Barcelona, Spain

(September 2014 – December 2015)

Bachelor degree in Town, Regional and Environmental Planning – Università IUAV di Venezia

Department of Design and Planning in Complex Environments

(October 2009 – July 2013)

Classical high school diploma

(September 2003 – July 2008)

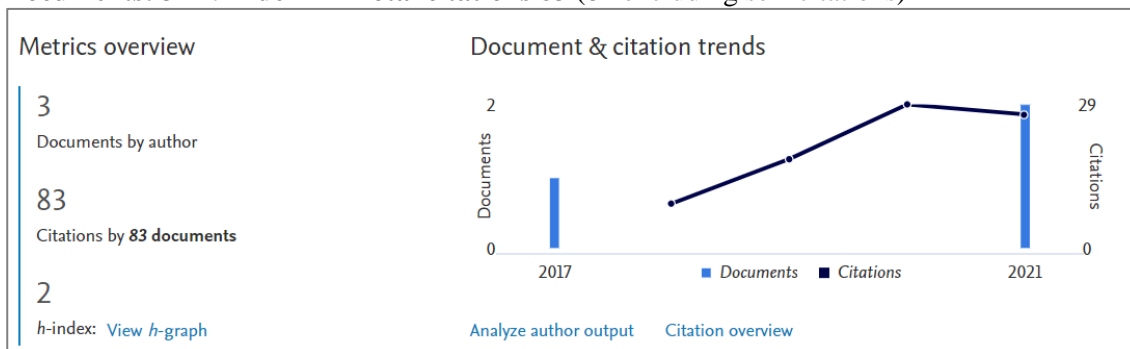
Early achievements track-record

Profile on Scopus

Author ID: 57194593128

ORCID: 0000-0002-3573-7585

Documents: 3 – *h*-index 2 – Total citations 83 (81 excluding self-citations)



Profile on Google Scholar

Documents: 8 peer-reviewed (out of 14) – *h*-index 4 – Total citations 117

PUBLICATIONS IN PEER-REVIEWED SCIENTIFIC JOURNALS

1. **De Toni A.**, Di Martino P., Dax, T. (2021). Location matters. Are science and policy arenas facing Inner Peripheries' challenges in EU? *Land Use Policy*, 100. <https://doi.org/10.1016/j.landusepol.2020.105111>
2. **De Toni, A.**, Vizzarri, M., Di Febbraro, M., Lasserre, B., Noguera, J., Di Martino, P. (2021). Aligning Inner Peripheries with Rural Development in Italy: territorial evidence to support policy contextualization. *Land Use Policy*, 100. <https://doi.org/10.1016/j.landusepol.2020.104899>
3. **De Toni, A.**, Vizzarri, M., Lasserre, B., Carrosio, G., Sallustio, L., Di Martino, P. (2020). Inner Peripheries: dealing with peripherality and marginality issues within the European Policy framework. *TERRA*, 7, pp. 24-47. Available at <https://ojs.uv.es/index.php/TERRA/article/view/17239>
4. Sallustio, L., **De Toni, A.**, Stollo, A., Di Febbraro, M., Gissi, E., Casella, L., Geneletti, D., Munafò, M., Vizzarri, M., Marchetti, M. (2017). Assessing habitat quality and degradation in relation to the spatial

distribution of protected areas in Italy. *Journal of Environmental Management*, 201, pp.129-137. <https://doi.org/10.1016/j.jenvman.2017.06.031>

CHAPTERS IN COLLECTIVE VOLUMES – A SELECTION OF

1. **De Toni, A.**, Sallustio, L., Marchetti, M. (2017). Local development and enhancement of environmental heritage in marginal areas. Antinomy or possibility? The Matese experience in the National Strategy for Inner Areas [Sviluppo locale e valorizzazione del patrimonio ambientale in aree marginali. Antinomia o possibilità? L'esperienza del Matese nella Strategia nazionale per le aree interne]. *Glocale, Rivista molisana di storia e scienze sociali*, 13, pp.29-38. Available at <http://www.storiaglocale.it/Glocale%2013%20De%20Toni.pdf>
 2. Marchetti, M., **De Toni, A.**, Sallustio, L., Tognetti, R. (2017). Criticità e opportunità di sviluppo per le aree interne. Una lettura dei processi territoriali recenti. In *Aree Interne, per una rinascita dei territori rurali e montani*. Ed. Rubbettino, ISBN 9788849850741
 3. [...] **De Toni A.**, [...] (2017). Rapporto Montagne Italia 2017. Ed. Fondazione Montagne Italia. Available at <https://uncem.it/dati-numeri-analisi-sfide-scarica-i-pdf-dei-rapporti-montagne-italia-2015-2016-2017/>
 4. **Italian National Institute for Environmental Protection and Research (ISPRA)** Report. “Soil sealing, territorial dynamics and ecosystem services [Consumo di suolo, dinamiche territoriali e servizi ecosistemici]”. Edition 2017 ([...], **De Toni A.**, [...]) pp. 38-41; 161-162; 180-181). Available at https://www.isprambiente.gov.it/public_files/RapportoConsumoSuolo2017_rev.pdf
 5. **Italian National Institute for Environmental Protection and Research (ISPRA)** Report. “Soil sealing, territorial dynamics and ecosystem services [Consumo di suolo, dinamiche territoriali e servizi ecosistemici]”. Edition 2016 ([...], **De Toni A.**, [...]) pp. 82-83; 90-96). Available at https://www.isprambiente.gov.it/files/pubblicazioni/rapporti/Rapporto_consumo_suolo_20162.pdf
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TECHNICAL REPORTS

1. **Environmental Sustainability Report of Politecnico di Milano, 2021**. Available at https://www.polimi.it/fileadmin/user_upload/terza_missione/sviluppo-sostenibile/2021_10_22_bilancio_sostenib_ita.pdf
 2. **SDGs@Polimi, Politecnico di Milano, 2021**. Available at https://www.polimi.it/fileadmin/user_upload/terza_missione/sviluppo-sostenibile/2021_10_12_POLITECNICO_SDGs_report_2021_ITA.pdf
 3. **Italian Ministry of the Environment, Land and Sea - MATTM Green Development Committee**. National Strategy for Urban Green - "Resilient and heterogeneous urban forests for the health and well-being of citizens. [Strategia Nazionale del Verde Urbano - Foreste urbane resilienti ed eterogenee per la salute e il benessere dei cittadini]”. 2018. Available at https://www.minambiente.it/sites/default/files/archivio/allegati/comitato%20verde%20pubblico/strategia_verde_urbano.pdf
 4. **LIFE SAM4CP Report, 2015** ([...], **De Toni A.**, [...]) Available at http://www.sam4cp.eu/wpcontent/uploads/2016/02/review_LIFESAM4CP_2015_definitivo.pdf
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INVITED PRESENTATIONS

1. **Invited speaker at the Interuniversity Institute for Local Development, University of Valencia**, within the Seminario Permanente de Desarrollo Local. "Inner Peripheries: from the local needs to the European Policy", 7th March 2019, Valencia, Spain.
2. **Invited speaker at ESPON Targeted Analysis – ESPON URRUC project** - “Rural Cohesion Policy and Non-Metropolitan Regions: what’s next? Lecture”. 17th January 2019, Dénia, Spain

3. **Invited speaker at ESPON Transnational Outreach Workshop.** Fighting depopulation in rural areas – identifying development potential in rural regions. “Processes, Features and Cycles of Inner Peripheries in Europe (PROFECY). Case study presentation”, 22nd-23rd May **2018**, Soria, Spain. Available at <https://www.espon.eu/soria>
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ORGANISATION OF INTERNATIONAL CONFERENCES

1. **Member of the scientific committee** of “**Greening Cities – Shaping Cities, An International Research Symposium**” and **Chair of Session 3** “Mainstreaming NBS in urban planning policies and decision-making processes”, 12th-13th October **2020**, Politecnico di Milano, Milan, Italy. Available at https://www.greeningcities-shapingcities.polimi.it/?page_id=62#meet-the-team
 2. **Special Session Organiser and Chair at Regional Studies Association Annual Conference.** “SS3. Disadvantaged Territories: From Oblivion to Renaissance. Implementing Territorial Strategies and Policies for Sustainable Development”. 5th-7th June **2019**, Santiago de Compostela, Spain. Available at <https://www.regionalstudies.org/news/sdc-special-sessions/#603>
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PEER-REVIEWED CONFERENCE PROCEEDINGS

1. **De Toni, A.**, Sallustio, L., Di Martino, P., Lasserre, B., Marchetti, M. “Foreste, un’infrastruttura verde per lo sviluppo delle aree interne”. Short presentation - Proceedings of SISEF XI National Congress, 10th-13th October **2017**, Rome, Italy.
 2. Sallustio, L., Corona, P., Fattorini, L., **De Toni, A.**, Munafò, M., Vizzarri, M., Lasserre, B., Marchetti, M. “How much, where and how is land use changing in Italy? The supporting role of the Italian Land Use Inventory”. Proceedings of SISEF XI National Congress, 10th-13th October **2017**, Rome, Italy. Available at <https://congressi.sisef.org/?action=paper&id=553>
 3. Vizzarri, M., Antonucci, S., Calderaro, C., Coccozza, C., Conte, E., **De Toni, A.**, di Cristofaro, M., Di Febbraro, M., Di Martino, P., Evangelista, A., Frate, L., Fravolini, G., Garfi, V., Lasserre, B., Lombardi, F., Ottaviano, M., Palombo, C., Paniccia, C., Perone, A., Sallustio, L., Santopuoli, G., Tognetti, R., Tonti, D., Marchetti, M. “From cell to landscape: a multiscale framework to study the climate change effects on forest ecosystems”. Quo vaditis agriculture, forestry and society under global change? Conference Proceedings. **2017**. Global Change Research Institute, The Czech Academy of Sciences, Brno. Available at http://www.czechglobe.cz/media/filer_public/7e/6c/7e6c2a83-5ad2-4dd8-96a5-4bd04bf8e539/201712_sbornik_quovaditis_komplet_lq.pdf
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NATIONAL AND INTERNATIONAL CONFERENCES ATTENDED – A SELECTION OF

1. **De Toni, A.** & Morello, M. “Enhancing Shared Governance in Drafting the Sustainability Plan at University: the case study of Politecnico Di Milano”. International Conference How to achieve the SDGs through local action, Organised by GREEN-Bocconi University & Urban Europe Research Alliance (UERA), 27th November **2020**, Milan, Italy. Oral presentation.
2. **De Toni A.**, Di Martino P., Ferrandis Martinez A., Lasserre B., Marchetti M. “European territorial typologies: exploring the potential to foster the sustainable development of disadvantaged areas”. Giornate della Ricerca Scientifica DIBT, March **2019**, Pesche (IS), Italy. ISBN 9788896394304. Poster session.
3. **De Toni A.**, Vizzarri M., Lasserre B., Di Martino P., Carrosio G. “The role of Inner Peripheries in the European Policy debate: a review”. Regional Studies Association Annual Conference – A World of Flows: Labour Mobility, Capital and Knowledge in an Age of Global Reversal and Regional Revival, 3rd-6th June **2018**, Lugano, Switzerland. Oral presentation.
4. **De Toni A.**, Sallustio L., Di Martino P., Lasserre B., Marchetti M. “The evolution and definition of Inner Peripheries in the European Policy debate”. Giornate della Ricerca Scientifica DIBT, March **2018**, Pesche (IS), Italia. ISBN 9788896394236. Oral presentation.

5. **De Toni A.**, Sallustio L., Di Martino P., Marchetti M. “Ecological planning for the sustainable development of Inner Areas [Pianificazione ecologica del territorio per lo sviluppo sostenibile delle Aree Interne]”. XIV AISSA Congress, 16th-17th February **2017**, Campobasso, Italy. Poster session.
 6. Marchetti M., Sallustio L., **De Toni A.**, Palombo C., Santopuoli G., Giancola C., Ottaviano M., Tonti D., Di Martino P., Garfi V., Pazzagli R., Lasserre B., Vizzarri M., Tognetti R. “Recent land use changes in Inner Areas of Italy”. Mountain 2016, I International Conference on Research of Sustainable Development in Mountain Regions, 5th-7th October **2016**, Bragança, Portugal. Poster session.
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OTHER ACTIVITIES/EXPERIENCES

- **Status of Higher Education Collaborators 2021** – Università degli Studi di Milano Bicocca, Milano, Italy
 - **Summer School “Land-system science for analysing dynamic landscapes: data, tools and models”**, 7th-12th July **2019**, WSL Filzbach Glarus-Nord, Switzerland
 - **Summer school “Mathematics and computer science for supporting scientific research”** 3rd-7th July **2017**, University of Molise, Pesche (IS), Italy
 - **Basic course for “R” software use**, 8th-16th February **2017**, University of Molise, Pesche (IS), Italy.
 - **On-line course on “Mountain law”**, from October to December **2016**
 - **Lectures “Ecosystem services and soil sealing” at IUAV University, Venice.** (2 hours in 12-2015; 2 hours in 3-2016)
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MEMEBERSHIP OF JOURNALS, SCIENTIFIC SOCIETIES AND LICENCES

- **Member of Riabitare l’Italia** (Young membership, since 2021)
 - **Member of the Editorial Board of TERRA – Revista de Desarrollo Local.** ISSN:2386-9968 (since 2021)
 - **Member of Aree Fragili Association** (since 2018)
 - **Member of Regional Studies Association** (since 2018)
 - **Member of the National Urban Planning Institute** [Istituto Nazionale di Urbanistica, INU] 2018/2019
 - **Member of the Italian Society of Forestry and Forest Ecology** – [Società Italiana di Selvicoltura ed Ecologia Forestale, SISEF] 2017/2018
 - **License – Urban and Regional Planner**, earned on 19th December 2017
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PRIZES AND AWARDS

- **Selected researcher** by Museo Nazionale della Scienza e della Tecnologia Leonardo da Vinci (Milano) for attending the Public Engagement course within MEKE Project (Museo Engagement for Knowledge Exchange), November 2021-September 2022.
 - **Selected researcher** by WSL scientific commission for attending the Summer School “Land-system science for analysing dynamic landscapes: data, tools and models”, 7th-12th July 2019, WSL Filzbach Glarus-Nord, Switzerland.
 - **Scholarship** for the PhD course at University of Molise (2016-2019).
 - **Scholarship** for the Master degree achievement, Scholarship competition Banca di Credito Cooperativo delle Prealpi, 25th November 2016.
 - **Scholarship** for the Bachelor degree achievement, Scholarship competition Banca di Credito Cooperativo delle Prealpi, 13th Decemeber 2013.
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FOREIGN LANGUAGES and DIGITAL SKILLS

Italian language: mother tongue; English and Spanish languages: B2 level.

Advanced level in using: "ArcGIS", "QGIS", "Geomedia", "InVEST (habitat quality)", "Office" and "Adobe" packages. Intermediate level in using: "R" software and "RCommander" as interface.

Autorizzo al trattamento dati ai sensi del GDPR 2016/679 del 27 aprile 2016 (Regolamento Europeo relativo alla protezione delle persone fisiche per quanto riguarda il trattamento dei dati personali).

Autorizzo la pubblicazione del Curriculum Vitae sul sito istituzionale del Politecnico di Milano (sez. Amministrazione Trasparente) in ottemperanza al D. Lgs n. 33 del 14 marzo 2013 (e s.m.i.).