

Elisabetta VITALE BROVARONE

Arch., PhD

Date and place of birth: 24 July 1980, Torino (Italy)

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CURRENT POSITION

Assisrant Professor (RTDb) in Spatial Planning, Politecnico di Torino

National Scientific Qualification as Associate Professor in the sector 08/F1 – Urban and Territorial Planning and Design (Call 2018, D.D. 2175/2018)

EDUCATION

2010, Politecnico di Torino, PhD in Territorial Planning and Local Development. Thesis title: Forme d'insediamento – forme di mobilità. Rappresentazioni concettuali di una relazione incerta / Settlement features-travel behaviour. Conceptual representations of an uncertain relation. Supervisor: prof. A. Fubini

2004, December, Politecnico di Torino, Laurea specialistica (Master of science level) in Architecture - Rehabilitation and Revaluation, full marks

RESEARCH INTERESTS

Mobility, land use-transport integration and accessibility, with various approaches (theoretical, methodological, operational), at different levels (from the neighbourhood to the region), in different contexts (urban, suburban, rural).

Rural development: local development challenges, policies and processes, also with reference to cohesion policy programmes and instruments.

Metropolitan development: institutional structures, territorial development processes and governance of metropolitan areas.

MOST RELEVANT INTERNATIONAL RESEARCH EXPERIENCES

2017-present, Postdoctoral Research Fellow

International research projects:

- 21 March 2022 – ongoing. ESPON TOWN - Small and Medium-Sized Towns - Spin-off Denmark. Contractors: DIST-Politecnico di Torino (IT), University of Copenhagen (DK).
- October 2020 – October 2021. ESPON Targeted Analysis “METRO – The role and future perspectives of the cohesion policy in the planning of metropolitan areas and cities”. Lead Partner: DIST-Politecnico di Torino (IT). Partners: Barcelona Institute of Regional and Metropolitan Studies (ES), Charles University (CZ), Demaziere (FR), Institute for Development (PL), Université Libre de Bruxelles (BE), University of Florence (IT), University of Latvia (LV), University of Lisbon IGOT (PT).
- June 2018 – June 2019. ESPON Targeted Analysis “URRUC – Urban-rural connectivity in non-metropolitan regions”. Lead partner: Coventry University; partners: Nordregio (SE), DIST-Politecnico di Torino (IT), Institute for Local Development (ES). Polito research unit headed by prof. G. Cotella.

- February 2018 – July 2019. “Governing the socio-spatial impacts of automated and connected vehicles”. Research project co-funded by DIST-Polito. Research group: Prof. L. Staricco (coordinator), prof. L. Davico, prof. V. Rappazzo, PhD Elisabetta Vitale Brovarone, prof. M. Diana (DIATI-Polito), prof. E. Papa (Westminster University), dr. Jacopo Scudellari.
- November 2017 – February 2018. INTERREG ALCOTRA “MOBILAB” – Sustainable mobility in weak-demand areas. Coordinator: Città Metropolitana di Torino. Partners: GAL Valli di Lanzo; Unité de Communes Valdôtaines Grand-Paradis ; Communauté de Communes Coeur de Savoie ; Communauté d’Agglomération Arlysère.
- July 2017 – present. INTERREG ALCOTRA “ARTACLIM - Adaptation and resilience of Alpine territories to climate change”. Coordinator: ASADAC-MDP (FR), partners: DIST-Politecnico di Torino, iiSBE Italia R&D srl, Parc Naturel Régional du Massif des Bauges, Communauté de Communes du Haut-Chablais, Communauté d’Universités et Etablissements Université Grenoble Alpes, Società Cooperativa Servizi e Attività Agro Forestali e Ambientali, Città Metropolitana di Torino. Polito research unit lead by prof. L. Staricco.

2010-2011, Postgraduate Research Fellow

International research projects:

- September 2010 – January 2012. COST ACTION TU1002 “Accessibility Instruments for planning practice in Europe”. Chair C. Silva, Co-Chair L. Bertolini. More than 60 participants from 20 EU countries.
- August 2010 – January 2012. CENTRAL EUROPE “CIRCUSE – CIRCular land USE”. Lead partner Institute for Ecology of Industrial Areas (PL); partner City of Piekary Śląskie (PL); German Institute of Urban Affairs (DE); Saxon State Office for the Environment, Agriculture and Geology (DE); Environment Agency Austria Ltd (AT); Telepark Baernbach Corporation Ltd. (AT); Slovak University of Technology in Bratislava, SPECTRA Centre of Excellence (LO); City of Trnava (LO); Higher Institute on Innovation Territorial Systems (IT); Asti’s Municipality (It); Institute for sustainable development of settlements (EZ); The Usti Region (EZ).

TEACHING and SUPERVISION

Academic years from 2010-2011 to 2014-2015: course holder of courses of urban and territorial planning and urban design at Politecnico di Torino, in Bachelor and Master of Science in Architecture (4 courses, 24 credits).

Academic years from 2007-2008 to 2021-2022: teaching assistant in several modules (<700h) in the fields of urban and territorial planning, and urban design at Politecnico di Torino, in Bachelor and Master of Science in Architecture and in Spatial planning.

Supervisor of 3 Master of Science theses (MSc in Architecture and Spatial Planning, Politecnico di Torino).

PROFESSIONAL EXPERIENCE

From 2011 to 2016, consultant in the field of local development and territorial planning, supporting public administrations and private companies to get access to EU funds, and to conceive and implement local development projects (several Interreg Alcotra projects, from dossier to implementation, especially in the fields of rural development, tourism and mobility).

MEMBERSHIPS

Since 2022, member of the Association of European Schools of Planning (AESOP) best published paper award committee.

Since 2010, member of the Association of European Schools of Planning (AESOP), “Transportation Planning and Policy” thematic group

Since 2007, member of the AESOP YA network

OTHER

Invited expert in transport and mobility to contribute to a new Horizon Scanning exercise to identify the Top 100 Research Questions important for future research and funding in energy efficiency, as part of the Energy-SHIFTS H2020 Programme – Transport and Mobility working group.

Invited expert “Imagining the urban road of the future”, National Technical University of Athens, University of Huddersfield.

Evaluator of post-doctoral research proposals for the EuroTechPostdoc2 Programme, Marie-Curie fellowship within the EuroTech Universities Alliance. Calls 2021 and 2022.

Evaluator of post-doctoral research proposals for the National Science Centre of the Government of Poland.

Guest editor, with R. Acheampong (University of Manchester), F. Cugurullo (Trinity College Dublin) and L. Staricco (Politecnico di Torino), of the special issue "Autonomous mobility transitions: socio-spatial dimensions and the role of urban planning and policy" on Cities, the International Journal of Urban Policies and Planning, Elsevier (<https://www.journals.elsevier.com/cities>)

Reviewer for several journals, including: ASUR – Archivio di Studi Urbani e Regionali; Cities, the International Journal of Urban Policies and Planning; Cogent Engineering; European Spatial Research and Policy; Environment and Planning B; Habitat International; Journal of Transport Geography; Planning Practice and Research; Sustainability; Urban Science.

2020-2021. Member of the organising committee of the SIU (Società Italiana degli Urbanisti) national congress. Co-chair of the session on mobility and accessibility.

2010-2011. Member of the organising committee of the SIU (Società Italiana degli Urbanisti) national congress.

2008, coordinator (together with C. Murano and S. Infusino) of the organising committee of the 8th national congress of the Italian interdoctoral network in urban and spatial planning (Turin, 26-28 October 2008). Chair of the session on infrastructure and mobility.

Since 2007, participation to several international congresses, also upon invitation.

LAST 10 PUBLICATIONS

Vitale Brovarone E., Cotella G., Staricco L. (2022). *Rural Accessibility in European Regions*. Routledge, London. Pp. 1-280. ISBN: 9780367539245

Vitale Brovarone E., Scudellari J., Staricco L. (2021). Planning the transition to autonomous driving: A policy pathway towards urban liveability. *Cities*, vol. 108, pp. 1-10, ISSN: 0264-2751, doi: 10.1016/j.cities.2020.102996

Vitale Brovarone, E. (2021). Accessibility and mobility in peripheral areas: a national place-based policy. *European Planning Studies*, pp. 1-20, ISSN: 0965-4313, doi: 10.1080/09654313.2021.1894098

Vitale Brovarone E. (2021). Design as if bus stops mattered: exploring the potential role of public transport stops in the urban environment. *Urban Design International*, vol. 26, pp. 82-96, ISSN: 1357-5317, doi: 10.1057/s41289-020-00132-8

Vitale Brovarone E., Cotella G. (2020). Improving Rural Accessibility: A Multilayer Approach. *Sustainability*, vol. 12, p. 1-20, ISSN: 2071-1050, doi: 10.3390/su12072876

Scudellari J., Staricco L., Vitale Brovarone E. (2020). Implementing the Supermanzana approach in Barcelona. Critical issues at local and urban level. *Journal of Urban Design*, vol. 25, n.6, pp. 675-696, DOI: 10.1080/13574809.2019.1625706

Cotella G., Vitale Brovarone E. (2020). The Italian National Strategy for Inner Areas: A Place-Based Approach to Regional Development. In: Bański J. (ed), *Dilemmas of Regional and Local Development*. pp. 50-71, Routledge, ISBN: 9781138359154, doi: 10.4324/9780429433863-5

Staricco L., Vitale Brovarone E. (2020). Implementing TOD around suburban and rural stations: an exploration of spatial potentialities and constraints. *Urban Research & Practice*, Taylor & Francis, vol. 13, n.3, pp. 276-299, ISSN: 1753-5069, DOI: 10.1080/17535069.2018.1541475

Cotella G., Vitale Brovarone E. (2020). Questioning urbanisation models in the face of Covid-19. The crisis as a window of opportunity for inner areas. *TEMA*, Special Issue Covid-19 vs City-20, p. 105-118, ISSN: 1970-9870, doi: 10.6092/1970-9870/6913

Staricco L., Vitale Brovarone E. (2018). Promoting TOD through regional planning. A comparative analysis of two European approaches. *Journal of Transport Geography*, Elsevier, vol. 66, pp. 45-52. ISSN: 0966-6923. <https://doi.org/10.1016/j.jtrangeo.2017.11.011>

COMPLETE LIST OF PUBLICATIONS:

<https://iris.polito.it/cris/rp/rp12591?start=0&sortBy=2&order=DESC&type=all#.Ydw6m2jMJPY>

LANGUAGES

Italian: mother tongue

English: very good (C1+)

French: moderately good (B2)

Dutch: basic.

May, 2022