

University Academic Curriculum Vitae

Personal information

Name: **Andrea Bortolotti**

Place of birth: [REDACTED]

Date of birth: [REDACTED]

Nationality: [REDACTED]

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Andrea Bortolotti is an architect (IUAV, 2011) and holds a Ph.D. in urbanism from the Université libre de Bruxelles (ULB, 2019). Since 2022, he is a fixed-term assistant professor at the Department of Architecture and Urban Studies of the Politecnico di Milano. His work focuses mainly on water and waste-related issues in cities investigated through spatial and design approaches and through metabolic and socio-technical perspectives. He has conducted extensive research on waste governance and planning in Brussels as an affiliated researcher at ULB/Laboratory on Urbanism, Infrastructures and Ecologies. He has been involved in the interdisciplinary and inter-university research projects Metrolab-Brussels Metropolitan Laboratory (ULB/UCL, FEDER 2014-2020), Syncity-Synergic Cities for Europe (ULB, JPI Urban Europe 2019-2021), and has conducted different studies funded by the Brussels Environment Agency on biowaste generation and management. From September 2019 to January 2022, he has been also an affiliated researcher at TUDelft, Faculty of Architecture and the Built Environment for the SARCC–Sustainable and Resilient Coastal Cities project (Interreg 2 Seas), and he is a member of Latitude-Platform for Urban Research and Design since 2012. His work has been published in the *Journal of Urbanism*, *Brussels Studies*, *Flux*, *OASE*, the *Society and Business Review*, and *Territorio*.

Education

2019 | PhD in Art of Construction and Urban Planning, Université libre de Bruxelles, Belgium.

Title of thesis: Questioning waste through urban metabolism: technologies, scales, practices.

Supervisor: Prof. Geoffrey Grulois. Jury: Prof. Axel Fisher, Prof. Luisa Moretto, Prof. Sybrand Tjallingii, Prof. Sabine Barles.

2011 | Master Degree in Architecture, Università Iuav di Venezia, Italy. Title of thesis: Un progetto per l'area Metropolitana Nord Milano. Supervisor: Prof. Paola Viganò.

2008 | Bachelor Degree in Architecture, Università Iuav di Venezia, Italy.

Present appointment

Since February 2022 | Fixed-term assistant professor

Level of appointment: Full-time

Employer: Politecnico di Milano, Department of Architecture and Urban Studies, Laboratorio di Simulazione Urbana Fausto Curti–LABSIMURB

Brief description of responsibilities: Contribution to the Department's research on urban sustainability with a focus on circular economy and urban metabolism. Professor in the urban planning laboratory [section E] of the master's degree in architecture (8 ECTS).

**Experience in
academic teaching**

October 2021–February 2022 | Adjunct professor for the Circular City Studio course of the MS in Urban Planning for Transition at the IUAV University of Venice (3 ECTS).

28 January–8 February 2019 | Co-organizer and Teaching Assistant of the two-week intensive MasterClass “Designing Brussels Ecosystems”, Metrolab Brussels, Brussels, post-graduate and PhD. Subject area: circular economy in the construction sector.

23 January–3 February 2017 | Teaching Assistant for the two-week intensive MasterClass “In/Out: Designing Urban Inclusion”, Metrolab Brussels, Brussels, post-graduate and PhD. Subject area: social inclusion by design.

February–June 2016 | Teaching Assistant for the Erasmus + programme “Metropolitan e-Studio”, 1st and 2nd year, Master in Architecture, Université libre de Bruxelles, Faculty of Architecture. Coordinator: Prof. Geoffrey Grulois. Post-graduate. Subject area: inter-university training network on urban metabolism and design.

2-13 November 2015 | Teaching Assistant for the two-week intensive MasterClass “Bridges: Connections where Lines Become Urban Spaces”, Université libre de Bruxelles, Faculty of Architecture. Coordinator: Prof. Fabio Vanin. Post-graduate. Subject area: interventions on mobility infrastructure in Brussels.

February–June 2015 | Teaching Assistant of the 1st and 2nd-year course “Space Speculation”, Université libre de Bruxelles, Faculty of Architecture, Master in Architecture, Brussels. Coordinators: Prof. Geoffrey Grulois, Sybrand Tjallingii and Nadia Casabella. Post-graduate. Subject area: urban metabolism and design.

3-11 October 2014 | Teaching Assistant of the one-week intensive workshop, “Re-Cycle Ve.net” workshop, Università IUAV di Venezia, Venice. Coordinators: Prof. Maria Chiara Tosi, Prof. Cristina Renzoni. Post-graduate. Subject area: water cycles and landscape design.

23 March–6 April 2014 | Co-organizer and Teaching Assistant for the two-week Erasmus Intensive Programme “UpCycle Barcelona, Cogenerative Design Strategies for a Sustainable Urban Metabolism”, Université libre de Bruxelles, Faculty of Architecture, Brussels. Coordinator: Prof. Geoffrey Grulois. Post-graduate. Subject area: urban metabolism and design.

February–July 2013 | Teaching assistant at “Laboratorio di Urbanistica”, Politecnico di Milano, School of Architecture and Society, Bachelor in Architecture, Milan. Coordinators: Prof. Antonella Bruzzese and Anna Moro. Undergraduate.

February–July 2012 | Teaching assistant at “Laboratorio di Urbanistica”, Politecnico di Milano, School of Architecture and Society, Bachelor in Architecture, Milan. Coordinators: Prof. Antonella Bruzzese and Anna Moro. Undergraduate.

Other academic responsibilities

Responsibilities for organizing conferences/seminars/exhibitions

15-16 September 2022 | “Re-opening the Circle: an interdisciplinary perspective into the Circular Economy”, Politecnico di Milano, Department of Architecture and Urban Studies. Personal contribution: Principal organizer.

19 December 2016–12 November 2019 | “Cities in the Metabolic Loop | and Design”, Metrolab Brussels seminar cycle, Brussels. Personal contribution: co-organization of 11 seminars with local and international guests and one workshop facilitation with local stakeholders (title of the workshop: “*À travers les flux humains et matériels*”).

18-19 October 2018 | “Brussels Ecosystems”, Metrolab Brussels International conference, Brussels. Personal contribution: Co-organization of the “Political Ecosystems” panel with Matthew Gandy (University of Cambridge) and David Wachsmuth (McGill University) keynote speakers (day 1); “Circularity & Resources” workshop facilitation with local stakeholders, in collaboration with the ULB Chair for Circular Economy and Urban Metabolism (day 2).

19 June 2018 | “Urban Ecologies–Pratiques et Politiques d’Alimentation”, Metrolab Brussels research seminar, Brussels. Personal contribution: organization of the seminar “*Les réseaux de la lutte au gaspillage alimentaire*” (Zero food waste networks), with Isabelle Hajek (Université de Strasbourg) invited speaker and workshop facilitation with local stakeholders.

Participation to design workshops

31 January–6 Feb. 2016 | “Waste of the city/the city of waste. Designing Houthalen-Helchteren’s recycling”, OSA-KULeuven, Houthalen-Helchteren. Prof. Bruno De Meulder. Post-graduate and PhD.

6-13 September 2015 | “Ilot d’Eau–Atelier Co-Design #1” ULB/Faculty of Architecture, Brussels. Dr. Marco Ranzato. Post-graduate and PhD.

31 May–5 Jun. 2015 | “The Plantage, Denderleeuw Steunpunt Ruimte Workshop”, Universiteit Antwerpen, Universiteit Gent, KU Leuven, labo S and OSA Research Group, Denderleeuw. Prof. Michiel Dehaene. Post-graduate and PhD.

Design awards and exhibitions

Design competitions and awards

“Twofold Nature” | Special mention
European 14–Productive Cities, site of Tubize (BE) 2017
Latitude Platform (Andrea Bortolotti, Fabio Vanin, Alessandra Marcon, Andrea Aragone, Marta De Marchi).
Personal contribution: I’ve led the design phase and contributed to the project’s visuals and schemes.

“Le Acque al Centro” | First prize ex-aequo
Water is Alive–la depurazione come risorsa, Verbano S.p.a and

Provincia di Varese (IT) 2015,
Latitude Platform (Andrea Bortolotti, Fabio Vanin, Alessandra Marcon)
with CZstudio and ETC Engineering srl.
Personal contribution: I've led the design phase and contributed to the
project's visuals and schemes.

List of major exhibitions

“Twofold Nature”

Latitude Platform–Des Forges...à la ville nouvelle, results of European
14–Productive Cities, Centre culturel de Tubize (BE), Tubize (07 – 23
April 2018).

“Veneto 2100: Living with Water”

Latitude Platform–5th International Architecture Biennale Rotterdam
(IABR), Rotterdam (April - June 2012).

Personal contribution: spatial mapping and scenario elaborations for
the case of the Po River delta.

Memberships

Since 2012 | member of Latitude Platform for Urban Research and Design, Brussels. The research collective gathers architects, urbanists, and anthropologists in place-based research and design intending to produce visually-oriented outputs, such as publications, exhibitions, artworks, and other initiatives that involve the general public like workshops and seminars.

Research and scholarships

Summary of past research and scholarship

September 2019–January 2022 | Part-time postdoc researcher–TU Delft, Faculty of Architecture, Department of Urbanism (NL), project title: “Sustainable and Resilient Coastal Cities”–Interreg 2 Seas Mers Zeeën [lead partner: Southend Borough Council (UK)].

Brief description of responsibilities: mapping of the landscape features and analysis of implementation frameworks for nature-based solutions to flood risk reduction in two coastal cities in the NL and UK (conducted within SARCC, Interreg 2 seas).

September 2019–June 2021 | Part-time postdoc researcher–Université libre de Bruxelles, Faculty of Architecture, Laboratory on Urbanism Infrastructures and Ecologies (LoUIsE), project title: “Synergetic Cities”–JPI Urban Europe [lead partner: Oikodrom, Vienna (AU)].

Brief description of responsibilities: quali-quantitative analysis of urban waste flows and waste-related practices in the urban neighborhood of Cureghem, Brussels, and co-creation of improved waste management scenarios (conducted within Syncity, JPI Urban Europe).

March 2021–October 2021 | Part-time postdoc researcher–Université libre de Bruxelles, Faculty of Architecture, Laboratory on Urbanism Infrastructures and Ecologies (LoUIsE), project title: “Carbone”–Innoviris Experimental Platform 2021-2023.

Brief description of responsibilities: spatial mapping of the theoretical generation of herbaceous and woody waste from the maintenance of public green areas in 4 municipalities and one regional administration in the Brussels region.

November 2020–February 2021 | Researcher– Centre d'Ecologie Urbaine, project title: “Fluxus”– Secretary of the Brussels-Capital Region in charge of Economic Transition and Scientific Research.

Brief description of responsibilities: analysis of key players and promising sectors of the circular economy in the Brussels Region.

November 2015–December 2020 | Researcher at Metrolab Brussels–Brussels Metropolitan Laboratory, UCL/ULB, Brussels. ERDF programme 2014-2020.

Metrolab is a Brussels-based, interdisciplinary “community of inquiry” where university researchers (sociologists, urban planners, architects and geographers) meet with Brussels urban actors to share knowledges and know-hows, to analyse together the urban challenges of Brussels and to formulate concrete proposals for urban development.

September 2014–October 2019 | PhD in Art of Construction and Urban Planning, Université libre de Bruxelles (ULB), Faculty of Architecture. Supervisor: Prof. Geoffrey Grulois.

October 2014–September 2015 | Mini-ARC ULB (Seed Money grant) Scholar.

Summary of significant achievements in research and scholarship

For ULB/LoUIsE I have written the selected proposal and coordinated three studies on biowaste generation and treatment in Brussels: a literature review, a spatialized quantification, and a feasibility study that included the carbon footprint analysis for different treatment alternatives. The three studies were sponsored by the Brussels Environment agency respectively in 2015, 2016, and 2017 to steer the definition of the biowaste strategy to be included in the Regional Waste Plan. The Plan is strongly oriented towards zero-waste and low-carbon measures, and the integration of top-down and bottom-up initiatives. The results of the three studies have been widely published in official reports, scientific papers, and presented at seminars and conferences.

Professional experience

April 2014–September 2014 | Landscape Traces and Stories
Designer in charge for Latitude Platform–historical cartographic analysis. Independent contractor.

May 2013–October 2013 | Piano di Governo del Territorio (PGT), città di Lissone
Designer in charge for the Inter-Municipal Planning Office of Desio (IT)–territorial masterplan. Independent contractor.

January 2013–April 2013 | Piano di Governo del Territorio (PGT), città di Castelli Calepio
Designer in charge for Politecnico di Milano, Department of Architecture and Urban Studies (DASU)–territorial masterplan. Independent contractor.

April 2012–July 2012 | Farm and Hostel House Garden, Jilotzingo, Mexico, private owner
Designer in charge for Latitude Platform–integrated rainwater collection landscape design. Independent contractor.

June 2011–October 2011 | Guidelines for the river Seveso restoration
Designer in charge for Provincia di Monza e Brianza (IT), Office for Planning and Regional Parks – riverbank restoration design. Independent contractor.

April 2011–September 2011 | After growth. The reform of open spaces and industrial areas of the Province of Monza and Brianza
Designer in charge for Politecnico di Milano, Department of Architecture and Urban Studies (DASU) – sustainable urban drainage systems design. Independent contractor.

October 2010–February 2011 | Piano di Governo del Territorio (PGT), città di Cavallasca (IT)
Designer in charge for Studio Associato Secchi – Viganò, Milan, Italy – territorial masterplan.
Intern.

Publications

Journal articles in refereed academic journals

Hooimeijer F., Diaz A., Bortolotti, A. Ke Q., van der Heuvel J. & Bricker J. (2022) Design & assessing the flood risk management paradigm shift: an interdisciplinary study of Vlissingen, the Netherlands, in: *Journal of Urbanism: International Research on Placemaking and Urban Sustainability*. DOI: 10.1080/17549175.2022.2093258

Bortolotti A. (2021) “Refuse of the city: rethinking waste management in Brussels / Les détritux de la ville : repenser la gestion des déchets à Bruxelles / Afval van de stad: nood aan een hervorming van het Brusselse afvalbeheer”, in: *Brussels Studies*, 160. DOI: <https://doi.org/10.4000/brussels.5680>

Bortolotti A., Aragone A., Ranzato M. (2019), “Charting the spatiality of the Brussels biowaste metabolism”, in: D. Peleman, B. Notteboom, M. Dehaene (Eds.), *OASE#104. The urban household of metabolism / Het stedelijk huishouden van het metabolisme*, pp. 75-85, Rotterdam: Nai010. ISSN: 0169-6238

Bortolotti A., Kampelmann S., De Muynck S., Papangelou A., Zeller V. (2019), “Conditions and concepts for interdisciplinary urban metabolism research – the case of an inter-project collaboration on biowaste”, in: S. Barles and J.B. Bahers (Eds.), *Flux 116-117. Transition ou consolidation du régime dominant : le métabolisme urbain en question*, pp. 112-127. ISSN: 1154-2721

Bortolotti A. (2019), “Assemblages of Private Waste Management and Recycling: the Case of the Anderlecht Marketplace in Brussels”, in: H. Corvellec (Ed.), *Society and Business Review 14(2). Organizing and Managing Waste*, pp. 174-185. DOI: 10.1108/SBR-12-2017-0113

Bortolotti A., Ranzato M. (2018), “Wasteland Rehabilitation in Rural Landscape: a Design Project in the Verona Plain”, in: G. Paolinelli (Ed.) *Ri-Vista 1. Out of waste landscapes*, pp. 90-101. DOI: 10.13128/RV-22961

Bortolotti A., Kampelmann S., De Muynck S. (2018), “Decentralised Organic Resource Treatments – Classification and comparison through Extended Material Flow Analysis”, *Journal of Cleaner Production 183*, pp. 515-526. DOI: 10.1016/j.jclepro.2018.02.104

Bortolotti A., Ferrari E., Ranzato M. (2014), “Forestazione Integrata Urbana”, *Territorio 67*, pp. 118-126. ISSN: 1825-8689

Books – Edited

Declève B., Grulois G., de Lestrangle R., *Bortolotti A.*, Sanchez Trenado C. (Eds.) (2020), *Designing Brussels Ecosystems*. 245 pages. Brussels: Université Catholique de Louvain / Université libre de Bruxelles. ISSN: 2593-7472

Chapters in books

Hooimeijer F., Yoshida Y., Bortolotti A., Iuorio L. (2022), "Integrated urban flood design in the United States and the Netherlands", in: S. Brody, Y. Lee, B.B. Kothuis (Eds.), *Coastal Flood Risk Reduction* (pp. 241-254). Elsevier. ISBN 978-0-323-85251-7.

Bortolotti A., Grulois G., Kampelmann S. (2020), "On scales and agency—territorialising circularity", in: B. Declève, G. Grulois, R. de Lestrangle, A.Bortolotti, C. Sanchez Trenado (Eds.), *Designing Brussels Ecosystems* (pp. 55-63). Brussels: Université Catholique de Louvain / Université libre de Bruxelles. ISSN: 2593-7472

Declève B., Grulois G., de Lestrangle R., Sanchez Trenado C., *Bortolotti A.* (2020), "Introduction: Designing Brussels ecosystems", in: B. Declève, G. Grulois, R. de Lestrangle, A.Bortolotti, C. Sanchez Trenado (Eds.), *Designing Brussels Ecosystems* (pp. 9-15). Brussels: Université Catholique de Louvain / Université libre de Bruxelles. ISSN: 2593-7472

Declève B., Grulois G., de Lestrangle R., *Bortolotti A.* (2020), "Conclusion: What compass is needed for socio-ecological transition in Brussels?", in: B. Declève, G. Grulois, R. de Lestrangle, A.Bortolotti, C. Sanchez Trenado (Eds.), *Designing Brussels Ecosystems* (pp. 185-202). Brussels: Université Catholique de Louvain / Université libre de Bruxelles. ISSN: 2593-7472

Bortolotti A., Dessouroux C., Sanchez Trenado C., Baptiste V. (2018), "Conclusion: Abattoir - A new *meating* place for Brussels", in M. Berger, L. Carlier, B. Moritz, M. Ranzato (Eds.), *Designing Urban Inclusion*. (pp. 76-77). Brussels: Université Catholique de Louvain / Université libre de Bruxelles. ISSN: 2593-7472

Bortolotti A., Grulois G., Ranzato M. (2018), "From Ecology to Urbanism: Urban Metabolism Genealogies and Perspectives in Urbanism Theory and Practice", in: G. Grulois, M.C. Tosi, C. Crosas (Eds.), *Designing Territorial Metabolism. Barcelona, Brussels, and Venice* (pp. 55-70). Berlin: JOVIS Verlag GmbH. ISBN 978-3-86859-489-8

Bortolotti A., Dobre C., Moretto L. (2017), "Retrofitting Urban Rivers in Dense Areas: Urban Space as a Critical Resource", in: M. Ranzato (Ed.), *Water Vs. Urban scape, Exploring Integrated and Decentralized Arrangements of Water in Brussels Capital Region* (pp. 278-284). Berlin: JOVIS Verlag GmbH. ISBN 978-3-86859-475-1

Ryckewaert M., *Bortolotti A.* (2016), "Quai Demets, Quai de l'Industrie – crossing water", in: Vanin F. (Ed.), *Bridges: Connections where Lines Become Urban Spaces* (pp. 68-70). Brussels: Université libre de Bruxelles. ISSN: 2294-8880

Bortolotti A. (2016), "Acque. Al di là del rischio idraulico", in: C. Renzoni, M.C. Tosi (Eds.), *Marzenego Fiume Metropolitano. Scenari di Riciclo per i Territori della Dispersione Insediativa* (pp. 52-63). Roma:

Aracne. ISBN 978-88-548-9617-8

Grulois G., *Bortolotti A.* (2015), "Cogenerative design strategies for a sustainable urban metabolism", in: G. Grulois (Ed.), *Up Cycle Barcelona, Cogenerative Design Strategies for a Sustainable Urban Metabolism* (pp. 11-17). Brussels: Université libre de Bruxelles.

Zanfi F., *Bortolotti A.* (2014), "Open Spaces and the Water Cycle in the Scattered Urbanization of Piedmont Lombardy. A Natural Infrastructure Project for Central Brianza", in: G. Barreca (Ed.), *New Water Anthropology* (pp. 98-107). Trento: List. ISBN 978-889562-352-8

Bortolotti A., Gambino D., Lamera C., Zanfi F. (2013), "Progetto – Cinque casi di progetti di radure", in: A. Lanzani, A. Ali, D. Gambino, A. Longo, A. Moro, C. Novak, F. Zanfi (Eds.), *Quando l'autostrada non basta, infrastrutture, paesaggio e urbanistica nel territorio pedemontano lombardo* (pp. 144-153). Macerata: Quodlibet. ISBN 978-88-7462-538-3

Conference papers

De Marchi M., *Bortolotti A.*, Lucertini G. (2022). Circular City Studio: Exploring circularity in an international master course setting. *The 15th Conference of the International Forum on Urbanism (IFoU): Internationalizing Education for the Ecological Transition Challenge*. Bordeaux, 29-30th June 2022. [best paper award]

Wüthrich D., Teng D., Ke Q., Diaz A., *Bortolotti A.*, Iuorio L., and Hooimeijer F. (2022). Sustainable And Resilient Coastal Cities (SARCC): interdisciplinary flood protection strategies for Southend-on-Sea (UK). *Proceedings of the 39th IAHR World Congress*, Granada (Spain), 19-24th June 2022. DOI: 10.3850/IAHR-39WC2521716X2022518

Iuorio, L. & *Bortolotti A.* (2021). Integrated coastal flood design: changing paradigm in flood risk management. *The 14th Conference of the International Forum on Urbanism (IFoU): From Dichotomies to Dialogues - Connecting Discourses for a Sustainable Urbanism*. Delft, 25 November – 27 December 2021. DOI: 10.24404/616051311d74bb0008d549ca [best paper award]

Bortolotti A. "Waste space and recycling practices: the case of the Abattoirs in Brussels", in: M. Dehaene, D. Peleman (Eds.), *On reproduction : re-imagining the political ecology of urbanism : proceedings of the 9th International PhD Seminar in Urbanism and Urbanization*, Ghent, 7-9 February 2018. ISBN 9789090308418

Bortolotti A., Ranzato M. "On Ecology and Design: Heritage and Emerging Perspectives on Brussels' Urban Metabolism", in: C. Hein (Ed.), Vol. 17 No. 7 (2016): *HISTORY URBANISM RESILIENCE: Planning Theories, Pedagogies and Practices*, Delft, 18-20 July 2016. ISSN 2468-6948

Bortolotti A., Ranzato M. "Wasteland Rehabilitation in Rural Landscape: a Project in the Verona Plain", *Sardinia 2015–Fifteenth International Waste Management and Landfill Symposium. International Workshop on Waste Architecture–Rehabilitation of Landfills*, S. Margherita di Pula, Cagliari, 5-9 October 2015.

Ranzato M., *Bortolotti A.*, "Towards Water Sensitive Co-design in

Brussels: the Forest Case Study”, in: T. Shuetze (Ed.), *True Smart and Green City? Proceedings of the 8th International Conference of the International Forum on Urbanism*, Incheon, South Korea, 22-24 June 2015. DOI: 10.3390/ifou-D024

Official reports (whole or part)

Bortolotti A., Aragone A., Claeys M., Grulois G. (ULB/LoUlsE); Dierick B., Smis J. (OWS); Monic D. (IDEA Consult) (2018), “Etude de faisabilité stratégique d’implantation d’une unité de biométhanisation en Région de Bruxelles-Capitale”, Report for Brussels Environment.

Bortolotti A., Aragone, A., Athanassiadis A., De Muynck S., Kampelmann S. & Grulois G. (2018), “Potentiel des biodéchets collectables en Région de Bruxelles-Capitale”, Report for Brussels Environment.

Bortolotti A., De Muynck S., Kampelmann, S. & Grulois G. (2016), “Analyse théorique de la littérature décrivant les outils techniques de valorisation décentralisée de biodéchets de professionnels”, Report for Brussels Environment.

Other publications

*Bortolotti, A., Aragone, A. (Eds.) (2019), *L – Latitude Logbook. Visualizing Waste*. Brussels: Latitude Platform. ISSN: 2684-3188*

Bortolotti, A. (2019), “Questioning waste through urban metabolism: technologies, scales, practices”, PhD thesis in Art of Construction and Urban Planning, Université libre de Bruxelles.
https://dipot.ulb.ac.be/dspace/bitstream/2013/293531/4/Thesis_Bortolotti_chap1_2_3_7.pdf

*Bortolotti A. (2018), “Het metabolisme van een arme stadswijk.” (The metabolism of a poor inner-city neighborhood) *Agora - Magazine* 4, pp. 24-26. ISSN 1380-6319*

Bortolotti A. (2017), “The Space of Waste / Designing Waste”, Metrolab–LoUlsE research note, Research n. 12 [online]
<http://www.metrolab.brussels/publications/the-space-of-waste-designing-waste>

Other editorial activities

Reviewer for:

Urban Planning, Cogitatio Press (2022)

Detritus, Multidisciplinary Journal for Waste Resources & Residues, CISA Publisher (2020)

Journal of Cleaner Production, Elsevier (2018)

Further data

Presentations at scientific conferences and seminars

Bortolotti A. “Circular management and maintenance of urban trees and green areas.” Sustainability Environmental Economics and Dynamics Studies - SEEDS, Università di Ferrara, Ferrara, 20 December 2022. Invited speaker.

Morello E. & Bortolotti A. “Planning for sustainability: cities and communities: Introduction to urban metabolism: resource-conscious urban planning” FAO Green Cities Initiative, Integrated Urban Planning

for African Cities, Politecnico di Milano and African Centre for Cities, [online] 12 October 2022. Invited speaker.

Bortolotti A. "Cicli, Sistemi e Progetti: per un approccio sociotecnico alla produzione della natura urbana." *XXIV Conferenza Nazionale SIU, Dare valore ai valori in urbanistica*, Brescia, 23-24 June 2022. Selected speaker.

Bortolotti A. "Géographies des déchets : l'analyse spatiale au service de l'étude de la gestion des déchets." *La matérialité des faits économiques : Économie écologique et métabolisme urbain*, UCLouvain, Brussels, 10 February 2020. Invited speaker.

Mazzarano M. & *Bortolotti A.* "Coupling Material Flow Analysis and Socio-Environmental Conflicts: A Criticality Assessment." *1st annual workshop of the Centre for Research in Circular economy, Innovation and SMEs (CERCIS)*, Università di Ferrara, Ferrara, December 16-18 2019.

Bortolotti A. "Geographies of waste: an urban metabolism research in Brussels" Seminario LATE, DICAM, Università di Trento, Trento, 5 June 2019. Invited speaker.

Bortolotti A. "Repenser la gestion des déchets sous l'angle du métabolisme urbain : le cas de la recherche sur les biodéchets à Bruxelles." Research seminar *Deuxième vie des objets*, ISIGE – MINES Paris Tech, Paris, 20 December 2018. Invited speaker.

Bortolotti A. "The Assemblages of Waste: Recycling Discourses and Practices in the Marketplace of Anderlecht, Brussels." 15th EASA conference, "Wastescapes: Spatial Justice and Inequalities in Contemporary Cities" panel, Stockholm University, Stockholm, 14-17 August 2018. Selected speaker.

Bortolotti A., Dessouroux C., Sanchez Trenado C., Baptiste V. "Who's the 'Green' for?: the Social Inclusion/Exclusion of Urban Renewal Projects." Convegno *Territori, mobilità, lavori*, Università di Padova, Padova, 22-23 February 2018. Selected speaker.

Bortolotti A. "Waste space and recycling practices: the case of the Abattoirs in Brussels." 9th U&U GHENT PhD Seminar, On Reproduction: Re-imagining the Political Ecology of Urbanism, University of Ghent, Ghent, 7-9 February 2018. Selected speaker.

Bortolotti A. "Mapping l'espace de l'écosystème bruxellois." L'écosystème urbain du canal de Bruxelles, Journée d'étude autour de Paul Duvigneaud, fondateur de l'écologie urbaine et du concept d'écosystème urbain, CIVA Foundation, Brussels, 28 November 2017. Invited speaker.

Bortolotti A., Dessouroux C., Sanchez Trenado C., Baptiste V. "Who's the 'Green' for?: the Social Inclusion/Exclusion of Urban Renewal Projects." RC21 - Research Committee on Urban and Regional Development - Rethinking Urban Global Justice conference, Leeds, 11-13 September 2017. Selected speaker.

Bortolotti A. "Designing for Recycling: Towards Circular and Resilient Perspectives in Urban Waste Management." Landscape Architecture as Necessity conference, University of Southern California, Los Angeles, 22-24 September 2016. Selected speaker.

Bortolotti A., Ranzato M. "On Ecology and Design: Heritage and Emerging Perspectives on Brussels' Urban Metabolism." 17th IPHS Conference, HISTORY - URBANISM - RESILIENCE, Delft University of Technology, Delft, 18-20 July 2016. Selected speaker.

Bortolotti A., Ranzato M. "Wasteland Rehabilitation in Rural Landscape: a Project in the Verona Plain." International Workshop on Waste Architecture–Rehabilitation of Landfills, Cagliari, 6-7 Oct. 2015. Selected speaker.

Ranzato M., *Bortolotti A.*, "Towards Water Sensitive Co-design in Brussels: the Forest Case Study." 8th Conference of the International Forum on Urbanism, True smart and green city?, Incheon, 22-24 June 2015. Selected speaker.

**Language
competence**

Italian - native
English - full professional proficiency (C1)
French - professional proficiency (B2)
Spanish - professional proficiency (B1)

Driving license

Class B driving license



April 2023