

PERSONAL INFORMATION

Andrea Rebecchi



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Sex Male | Date of birth 09/11/1986 | Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input checked="" type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

May.2021 - ongoing

**Senior Researcher at the Design&Health Lab.
Department of Architecture, Built environment and Construction engineering (ABC) - Politecnico di Milano**

Architect and PhD in Architecture, Built environment and Construction engineering (ABC) at the Politecnico di Milano (2017); title of the PhD thesis “HEALTHY URBAN MOVES. Assessment tool for cities’ Walkability to improve Active Transport and Physical Activity in Urban Areas.” In 2013 he achieved the II level Master in Planning, programming and design of hospital and social-health systems developing the issue of Wayfinding in social and health care facilities; title of the Master thesis “Knowing how to find: signs and orientation in the healthcare facilities.”

From October 2018 to April 2021 Junior Researcher (RTDA), and from May 2021 to April 2024 Senior Researcher (RTDB) at the Architecture, Built environment and Construction engineering (ABC) Department of Politecnico di Milano, within the *Design&Health Lab*. Professor in Technologies for Construction and Environmental Hygiene for three Building Technology Studio (in Milano and Piacenza) of the Architecture, urban planning construction engineering (AUIC) of Politecnico di Milano.

At institutional level, Member of the Working Table “Urban Health” at the General Directorate of Health Prevention of the Italian Ministry of Health (2019-2021), and Member of the Working Table “Definition of the hygienic-sanitary performance requirements of buildings” at the General Directorate of Health Prevention of the Italian Ministry of Health (2021-2022). Moreover, Member of the National Center for Building and Hospital Technology (CNETO); Lombard Academy of Public Health (ALSP); Building Hygiene Working Group of the Italian Society of Hygiene and Preventive Medicine (SItI); member of the Steering Committee of the Urban Public Health Section of the European Public Health Association (EUPHA).

Speaker in several national and international conferences - like the European Public Health Conference (EPH15/16/17/18/19/20/21) of the European Public Health Association (EUPHA); the 16th World Congress of Public Health; the 4th International Symposium “New Metropolitan Perspective” edition 2020; the National Congress of the Italian Society of Hygiene and Preventive Medicine (SItI15/16/17/18/19/20/21); the 1st European Symposium “Salutogenic Hospital Design & Urban Health” of the International Academy for Design and Health (IADH) edition 2019; the National Workshop “Healthy Cities: Urban Planning for Health” edition 2017; 14th International Conference of Urban Health “Health Equity: the New Urban Agenda and Sustainable Development Goals” Coimbra, Portugal, edition 2017 - in the last five years of scientific researches.

Member of the *Design&Health Lab*. working team for the following research projects like: EIT Urban Mobility 2020 “Safely Connected: Sustainable Common Accessibility of Lively Downtowns for Healthy People” promoted by EIT Urban Mobility “For more liveable urban spaces, COVID-19 crisis response” (01/07/2020 - 31/12/2020); “Green Areas & Infrastructures and Public Health outcomes” promoted by Banca del Monte di Lombardia Foundation (15/01/2019 - 15/11/2020); “Urban Health: best practices for the Public Health impact assessment of urban and environmental redevelopment and

regeneration interventions” promoted by the National Center for Disease Prevention and Control of the Italian Ministry of Health (09/02/2018 - 09/08/2020).

Finally, author of several scientific publications about issues related to Hospital Design, Urban Health, Building and Environmental Hygiene.

SCOPUS 34 papers; H-index 14 and 613 citations (updated March 2022).

WOS: 15 documents; IF medio:1,524 - IF max: 3,390

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website: <https://www.dabc.polimi.it/persona/andrea-rebecchi/>

EDUCATION AND TRAINING

- | | | |
|----------------------|---|--|
| Nov.2013 - Nov.2016 | <p>PhD course in “Architecture, Built environment and Construction engineering” Politecnico di Milano, ABC Department, via Ponzio 31, 20133 Milano (MI) - Italy</p> <p>Title of the thesis <i>“HEALTHY URBAN MOVES: Assessment tool for cities’ walkability to improve Active Transport and Physical Activity in urban areas.”</i></p> | <p>Replace with EQF
(or other) level if
relevant</p> |
| Nov.2011 - Mar.2013 | <p>MASTER of II level in “Planning, programming and designing of healthcare systems, networks and infrastructures” IV edition - Politecnico di Milano, sede di Milano Leonardo, piazza Leonardo da Vinci 32, 20133 Milano (MI) - Italy</p> <p>Title of the thesis <i>“KNOWING HOW TO FIND: wayfinding and signage in the Architectures for Health.”</i></p> | |
| Sept.2008 - Apr.2011 | <p>MASTER of Science in Architecture at the School of Architecture, urban planning and construction engineering (AUIC) - Politecnico di Milano, sede di Milano Leonardo, piazza Leonardo da Vinci 32, 20133 Milano (MI) - Italy</p> <p>Title of the thesis <i>“Urban regeneration in Sarajevo: when the boundary becomes a new centrality.”</i></p> | |

PERSONAL SKILLS

- | | |
|--------------------|---|
| Mother tongue(s) | italian |
| Other language(s) | english |
| Job-related skills | <p>Good ability to work in the professional field, creating synergies with figures from different educational backgrounds, considering multi-disciplinary skills to be fundamental for the success of architectural projects. Good aptitude to collaborate with work groups, skills acquired by carrying out the profession in architectural design studios as well as by drafting research projects in the academic field for participation in national and international calls for research. Interest in participating in conferences, workshops, seminars in the sector.</p> |
| Digital skills | <p>Sistemi operativi: Windows e Macintosh. CAD e software di modellazione: Autocad, Archicad, Cinema 4D (training). Grafica: Adobe Suite (Photoshop, Illustrator, Indesign), Windows Movie Maker. Altri software: Microsoft Project e suite di Office (Word, Excel, Powerpoint).</p> |
| Other skills | <p>Good ability to interact and participate in working groups, with particular interest in organizing the project phases and managing resources.</p> |

Publications

2021

Gianfredi V., Buffoli M., Rebecchi A., Croci R., Oradini-Alacreu A., Stirparo G., Marino A., Odone A., Capolongo S., Signorelli C. **Association between Urban Greenspace and Health: A Systematic Review of Literature.** *International Journal of Environmental Research and Public Health*, 2021, 18, 5137. DOI: 10.3390/ijerph18105137. Article

2020

Appolloni L., Dettori M., Petronio M.G., Raffo M., Settimo G., Rebecchi A., Buffoli M., Capolongo S., D'Alessandro D. **A proposal of hygienic and sanitary standards for the new Building Code in Italy.** *Annali di igiene: medicina preventiva e di comunita*, 2020, 32 (5 Suppl 1), pp. 85-109. DOI: 10.7416/ai.2020.3396. Article

Gola M., Capasso L., Mondoni G., Petronio M.G., Rebecchi A., Buffoli M., Appolloni L., Capolongo S. **From building regulations and local health rules to the new local building codes: a national survey in Italy on the prescriptive and performance requirements for a new performance approach.** *Annali di igiene: medicina preventiva e di comunita*, 2020, 32 (5 Suppl 1), pp. 36-51. DOI: 10.7416/ai.2020.3393. Article

Buffoli M., Rebecchi A., Dell'Ovo M., Oppio A., Capolongo S. **Transforming the Built Environment Through Healthy-Design Strategies. A Multidimensional Framework for Urban Plans' Evaluation.** *Smart Innovation, Systems and Technologies*, 2020, 177 SIST, pp. 187-196. DOI: 10.1007/978-3-030-52869-0_16. Conference Paper

D'Alessandro D., Gola M., Appolloni L., Dettori M., Fara G.M., Rebecchi A., Settimo G., Capolongo S. **COVID-19 and living spaces challenge. Well-being and Public Health recommendations for a healthy, safe and sustainable housing.** *Acta Biomedica*, 2020, 91, pp. 61-75. DOI: 10.23750/abm.v91i9-S.10115. Article

Capolongo S., Buffoli M., Brambilla A., Rebecchi A. **Healthy Urban Planning and Design Strategies to improve urban quality and attractiveness of places.** *TECHNE*, 2020, 19, pp. 271-279. DOI: 10.13128/techne-7837. Article

Capolongo S., Buffoli M., Mosca E.I., Galeone D., D'Elia R., Rebecchi A. **Public Health aspects' assessment tool for urban projects, according to the urban health approach.** *SPRINGER, Research for Development*, 2020, pp. 325- 335. DOI: 10.1007/978-3-030-33256-3_30. Book Chapter

Capolongo S., Rebecchi A., Buffoli M., Appolloni L., Signorelli C., Fara G.M., D'Alessandro D. **COVID-19 and cities: From urban health strategies to the pandemic challenge. A decalogue of Public Health opportunities.** *Acta Biomedica*, 2020, 91(2), pp. 13-22. DOI: 10.23750/abm.v91i2.9515. Article

Lenzi A., Capolongo S., Ricciardi G., Signorelli C., Napier D., Rebecchi A., Spinato C. **New competences to manage urban health: Health city manager core curriculum.** *Acta Biomedica*, 2020, 91, pp. 21-28. DOI: 10.23750/abm.v91i3-S.9430. Article

2019

Mosca E.I., Herssens J., Rebecchi A., Capolongo S. **Inspiring architects in the application of design for all: Knowledge transfer methods and tools.** *Journal of Accessibility and Design for All*, 2019, 9(1), pp. 1-24. DOI: 10.17411/jaccess.v9i1.147. Article

Rebecchi A., Buffoli M., Dettori M., Appolloni L., Azara A., Castiglia P., D'Alessandro D., Capolongo S. **Walkable environments and healthy urban moves: Urban context features assessment framework experienced in Milan.** *Sustainability (MDPI, Switzerland)*, 2019, 11(10), 2778. DOI: 10.3390/su11102778. Article

Brambilla A., Rebecchi A., Capolongo S. **Evidence Based Hospital Design. A literature review of the recent publications about the EBD impact of built environment on hospital occupants' and organizational outcomes.** *Annali di igiene*, 2019, 31(2), pp. 165-180. DOI: 10.7416/ai.2019.2269. Article

Mosca E.I., Herssens J., Rebecchi A., Froyen H., Capolongo S. **“Design for All” Manual: From Users’ Needs to Inclusive Design Strategies.** Advances in Intelligent Systems and Computing, 2019, 824, pp. 1724-1734. DOI: 10.1007/978-3-319-96071-5_177. Conference Paper

Mosca E.I., Herssens J., Rebecchi A., Strickfaden M., Capolongo S. **Evaluating a proposed design for all (DfA) manual for architecture.** Advances in Intelligent Systems and Computing, 2019. DOI: 10.1007/978-3-319-94622-1_6. Conference Paper

2018

Capolongo S., Rebecchi A., Dettori M., Appolloni L., Azara A., Buffoli M., Capasso L., Casuccio A., Conti G.O., D’amico A., Ferrante M., Moscato U., Oberti I., Paglione L., Restivo V., D’alessandro D. **Healthy design and urban planning strategies, actions, and policy to achieve salutogenic cities.** International Journal of Environmental Research and Public Health, 2018, 15(12), 2698. DOI: 10.3390/ijerph15122698. Article

Tavecchi G., Rebecchi A. **The current Indian healthcare system and West Bengal’s health status.** SpringerBriefs in Applied Sciences and Technology, 2018, (9783319723976), pp. 13-31. DOI: 10.1007/978-3-319-72398-3_2. Book Chapter

Tavecchi G., Paoletti I., Rebecchi A. **Design approaches for a new Indian healthcare.** SpringerBriefs in Applied Sciences and Technology, 2018, (9783319723976), pp. 47-65. DOI: 10.1007/978-3-319-72398-3_4. Book Chapter

Gola M., Fugazzola E., Rebecchi A. **Mapping and programming healthcare services for new health perspectives.** SpringerBriefs in Applied Sciences and Technology, 2018, (9783319723976), pp. 89-111. DOI: 10.1007/978-3-319-72398-3_6. Book Chapter

Fugazzola E., Tognolo C., Rebecchi A. **Planning and designing impartial health systems through mobile healthcare.** SpringerBriefs in Applied Sciences and Technology, 2018, (9783319723976), pp. 113-123. DOI: 10.1007/978-3-319-72398-3_7. Book Chapter

Buffoli M., Rebecchi A., Gola M., Favotto A., Procopio G.P., Capolongo S. **Green SOAP. A calculation model for improving outdoor air quality in urban contexts and evaluating the benefits to the population’s health status.** Green Energy and Technology, 2018, pp. 453-467. DOI: 10.1007/978-3-319-78271-3_36. Book Chapter

Rebecchi A., Gola M., Lettieri E., Tavecchi G., Brahmochary S.K., Capolongo S. **Healthcare for all: A new multi-disciplinary approach for designing and managing hospital layouts in India.** SpringerBriefs in Applied Sciences and Technology, 2018, (9783319723976), pp. 67-87. DOI: 10.1007/978-3-319-72398-3_5. Book Chapter

Capasso L., Faggioli A., Rebecchi A., Capolongo S., Gaeta M., Appolloni L., De Martino A., D’alessandro D. **Hygienic and sanitary aspects in urban planning: Contradiction in national and local urban legislation regarding public health.** Epidemiologia e Prevenzione, 2018, 42(1), pp. 60-64. DOI: 10.19191/EP18.1.P060.016. Article

2017

Rebecchi A., Mapelli A., Pirola M., Capolongo S. **SNAP House. Temporary residential module for refugees in Europe.** TECHNE, 2017, 14, pp. 286-295. DOI: 10.13128/Techne-20835. Article

Gola M., Signorelli C., Buffoli M., Rebecchi A., Capolongo S. **Local health rules and building regulations: A survey on local hygiene and building regulations in Italian municipalities.** Annali dell’Istituto Superiore di Sanita, 2017, 53(3), pp. 223-230. DOI: 10.4415/ANN_17_03_08. Article

Mezzoiuso A.G., Gola M., Rebecchi A., Riccò M., Capolongo S., Buffoli M., Tirani M., Odone A., Signorelli C. **Indoors and health: results of a systematic literature review assessing the potential health effects of living in basement.** Acta Biomedica, 2017, 88(3), pp. 375-385. DOI: 10.23750/abm.v%vi%i.6741. Article

D'Alessandro D., Arletti S., Azara A., Buffoli M., Capasso L., Cappuccitti A., Casuccio A., Cecchini A., Costa G., De Martino A.M., Dettori M., Di Rosa E., Fara G.M., Ferrante M., Giammanco G., Lauria A., Melis G., Moscato U., Oberti I., Patrizio C., Petronio M.G., Rebecchi A., Romano Spica V., Settimo G., Signorelli C., Capolongo S., and the attendees* of the 50th Course "Urban Health. Instruments for promoting health and for assessing the hygienic and sanitary conditions in urban areas". **Strategies for Disease Prevention and Health Promotion in Urban Areas: The Erice 50 Charter**. Annali di Igiene, 2017, 29(6), pp. 481-493. DOI: 10.7416/ai.2017.2179. Article

2016

D'Alessandro D., Tedesco P., Rebecchi A., Capolongo S. **Water use and water saving in Italian hospitals. A preliminary investigation**. Annali dell'Istituto Superiore di Sanita, 2016, 52(1), pp. 56-62. DOI: 10.4415/ANN-16-01-11. Article

Rebecchi A., Boati L., Oppio A., Buffoli M., Capolongo S. **Measuring the expected increase in cycling in the city of Milan and evaluating the positive effects on the population's health status: A Community-Based Urban Planning experience**. Annali di Igiene, 2016, 28(6), pp. 381-391. DOI: 10.7416/ai.2016.2120. Article

Coppola L., Ripamonti E., Cereda D., Gelmi G., Pirrone L., Rebecchi A. **2015-2018 Regional prevention plan of Lombardy (Northern Italy) and sedentary prevention: A cross-sectional strategy to develop evidence-based programmes**. Epidemiologia e Prevenzione, 2016, 40(3-4), pp. 243-248. DOI: 10.19191/EP16.3-4.P243.09. Review

Rebecchi A., Gola M., Kulkarni M., Lettieri E., Paoletti I., Capolongo S. **Healthcare for all in emerging countries: A preliminary investigation of facilities in Kolkata, India**. Annali dell'Istituto Superiore di Sanita, 2016, 52(1), pp. 88-97. DOI: 10.4415/ANN-16-01-15. Article

Buffoli M., Bellini E., Dell'ovo M., Gola M., Nachiero D., Rebecchi A., Capolongo S. **Humanisation and soft qualities in emergency rooms**. Annali dell'Istituto Superiore di Sanita, 2016, 52(1), pp. 40-47. DOI: 10.4415/ANN-16-01-09. Article

Capolongo S., Gola M., Di Noia M., Nickolova M., Nachiero D., Rebecchi A., Settimo G., Vittori G., Buffoli M. **Social sustainability in healthcare facilities: A rating tool for analysing and improving social aspects in environments of care**. Annali dell'Istituto Superiore di Sanita, 2016, 52(1), pp. 15-23. DOI: 10.4415/ANN-16-01-06. Article

2015

D'Alessandro D., Buffoli M., Capasso L., Fara G.M., Rebecchi A., Capolongo S. **Green areas and public health: Improving wellbeing and physical activity in the urban context**. Epidemiologia e Prevenzione, 2015, 39(4), pp. 8-13. DOI missing. Review

2014

Capolongo S., Bellini E., Nachiero D., Rebecchi A., Buffoli M. **Soft qualities in healthcare. Method and tools for soft qualities design in hospitals' built environments**. Annali di igiene: medicina preventiva e di comunità, 2014, 26(4), pp. 391-399. DOI: 10.7416/ai.2014.1998. Article

9th May 2022

Andrea Rebecchi

