



INTERNATIONAL CONFERENCE 2021

URBAN RESILIENCE AND ONE HEALTH - POST-PANDEMIC STRATEGIES FOR CITIES

CONFERENCE PROGRAM

September 21-23, 2021

September 21th

OPENING CEREMONY 12.00 UTC (14.00 CEST)

Conference Hall

chairs: Domenico Vito, ResilienceLab, Angela Colucci, ResilienceLab

14.00 CEST

Opening Remarks

Angela Colucci, President of ResilienceLab

KeyNote Speech

Piero Pelizzaro, Chief Resilient Officer Municipality of Milan

KeyNote Speech

Omnia El Omrani, International Federation of Medical Students



September 21st, 14.30 CEST (12.30 UTC)

Domain 1: interdependence of human and natural systems

KEYNOTES h14.30 CEST (12.30 UTC)

Conference Hall

chairs: Valerio Paolini, CNR- IIA; Margherita Ferrante, University of Catania; Paolo Lauriola, RIMSA

14.30 CEST	Prof. Alessandro Miani	<i>President Italian Society of Environmental Medicine (SIMA)</i>
	Prof. Prisco Piscitelli	<i>Epidemiologist and Vice President of Society of Environmental Medicine (SIMA)</i>
	Prof. Saverio Mecca	<i>Full professor of Architecture , University of Florence</i>
	Prof. Rachel Hodgdon	<i>President & Chief Executive Officer - International WELL Building Institute (IWBI)</i>

SESSION I h15.00 CEST (13.00 UTC)

Conference Hall

chairs: Valerio Paolini, CNR- IIA; Margherita Ferrante, University of Catania; Paolo Lauriola, RIMSA

Timing	Title	Speakers
00:10 presentation 00:05 question	COVID-19 and air quality: Impact on Indian cities and way forward	Jyothi S Menon
00:10 presentation 00:05 question	Evaluation of air quality and mobility policies in 14 large Italian cities from 2006 to 2016	Marco Torre and Laura Tomassetti
00:10 presentation 00:05 question	NO2 concentrations and Covid-19 in local systems of North-West Italy	Ettore Sarzotti, Gianmarco Pignocchino, Alessandro Pezzoli and Angelo Besana
00:10 presentation 00:05 question	COVID-19 societal effects and perceptions: Comparing cases from California, USA and Italy	Gabriela Fernandez, Carol Maione, Harrison Yang, Karenina Zaballa, Norbert Bonnici, Jarai Carter and Ming-Hsiang Tsou

00:10 presentation 00:05 question	Human generations post covid 19 – A Report of Medical Residents	<i>Briliansy Mulyanto and Astuti Pramono</i>
00:10 presentation 00:05 question	Technical feasibility, economic and environmental impacts analysis of a small AD plant	<i>Marco Torre and Marco Segreto</i>

COFFEE BREAK

SESSION II 16.45 CEST (14.45 UTC)

Conference Hall

chairs: Olayinka Fakorede, *IFMSA*; Nicole Sansonetti, *SIMA*

Timing	Title	Speakers
00:10 presentation 00:05 question	Spatio-temporal variation of air pollution in the city of Harare	<i>Never Mujer</i>
00:10 presentation 00:05 question	Strategies for Storm water Management through Groundwater Recharge techniques	<i>Aminas Paika and Smitha M.V</i>
00:10 presentation 00:05 question	Need for Medical Education to evolve to create healthcare professionals sensitive about environment, planetary health and sustainability	<i>Natasha Sharma</i>
00:10 presentation 00:05 question	Horticultural therapy and mental health recovery post covid outbreak. From scientific evidence based data to the need for a professional approach to care with nature	<i>Caterina Viganò, Giorgio Prosdomici Gianquinto and Ania Balducci</i>
00:10 presentation 00:05 question	Family Doctors to connect global concerns due to Climate Change with local actions	<i>Paolo Lauriola</i>
00:10 presentation 00:05 question	Resilience and green spaces: association with stress among contact center agents in the Philippines	<i>Celine Villanueva, Richard Braulio Labao, Katherine Regine Anne Tran, Nathaniel Reihann Gonzalez, Joseph Luna, Kristine Mallory Ochava and Catherine Capio</i>
STUDENT SESSION 00:10 presentation 00:05 question	COVID-19 and zoonotic disease:vulnerabilities and crises,	<i>Graziella Moraes Machado</i>



Conclusions from the chairs

September 22th, 14.00 CEST (12.00 UTC)

Domain 2: Urban ecosystem and One health: exploring the contribution to Human Health and urban resilience from the green infrastructures

Morning Chats h12.00 CEST (10.00 UTC)

Envisioning resilient cities for a post-pandemic One Health future

The Patio

chairs: Angela Colucci, Yahya Shaker

Keynotes 14.00 CEST (12.00 UTC)

Conference Hall

chairs: Prisco Piscitelli, SIMA, Giselle Sebag, ISUH

14.00 UTC+2

Prof. Eugenio Morello

Associate Professor in Urban Design at Politecnico di Milano and coordinator and research scientist at the Laboratorio di Simulazione Urbana Fausto Curti, Department of Architecture and Urban Studies (Dastu). Rector's Delegate for environmental sustainability and responsible for institutional projects towards a sustainable campus.

Prof. Carlos Dora

President International Society for Urban Health (ISUH)

SESSION I 14.30 CEST (12.30 UTC)

Conference Hall

chairs: Angela Colucci, ResilienceLab; Francesca Larosa, EECM-CMCC

Timing

Title

Speakers



00:10 presentation 00:05 question	Interstitial Green Spaces and Children's Resilience in Slums: Case of Slum-Dwelling Children in the Philippines	Aireen Grace Andal
00:10 presentation 00:05 question	Lessons from the pandemic: mapping urban resilience and robustness	Carlo Andrea Biraghi, Ozge Ogut, Massimo Tadi and Zahra Zandgheshlaghi
00:10 presentation 00:05 question	Environmental Analysis and Design Anticipation for Urban Resilience and Human Health	Andrea Tartaglia, Davide Cerati and Giovanni Castaldo
00:10 presentation 00:05 question	Interlinkages between climate change and health in cities: a systematic literature review to understand the role of socio-economic vulnerabilities in enhancing climate change-related health risk	Eleonora Orsetti, Nicola Tollin, Martin Lehmann, Vanessa Agudelo Valderrama and Jordi Morató Farreras
00:10 presentation 00:05 question	Reconceptualize Jakarta's Public Park Resilience and Adaptability for the Post-Pandemic Future: A Perspective from a High-Dense Urban Environment	Diana Zerlina
00:10 presentation 00:05 question	Climate change and urban health resilience: the CCHURE Project	Rosalba D'Onofrio, Roberta Cocci Grifoni and Elio Trusiani

COFFEE BREAK

SESSION II 16.15 CEST (14.15 UTC)

Conference Hall

chairs: Gabriela Fernandez, Dept. of Geography, HDMA San Diego State University; Carol Maione, Politecnico di Milano

Timing	Title	Speakers
00:10 presentation 00:05 question	Urban ecosystems as an opportunity for G-H-RaP nexus (Green infrastructure - Health - Resilience and Preparedness)	Richa Sharma
00:10 presentation 00:05 question	Comprehensive Approach to Re-interpret Link of Urban Morphology and Health: Farini railway case study in Milan	Ozge Ogut, Carlo Andrea Biraghi and Massimo Tadi
00:10 presentation 00:05 question	Climate Change in Every Medical Curricula	Omnia El Omrani, Haidar Assad and Olayinka Fakorede
00:10 presentation	Resilience practices (eco)system: contribution in	Giulia Pesaro and Angela Colucci



00:05 question	facing new urban challenges	
00:10 presentation 00:05 question	Strategic urban planning to counteract the health effects of climate change.	Margherita Ferrante, Luciana Sinisi, Antonio Cristaldi and Gea Oliveri Conti
STUDENT SESSION 00:10 presentation 00:05 question	Social network analysis of Covid-19 sentiments: The case study of 10 metropolitan cities in Italy	Karenina Zaballa, Harrison Yang, Norbert Bonicci, Dr. Jarai Carter, Brian Spitzberg, Chanwoo Jin, Dr. Ming-Hsiang Tsou

Conclusions from the Chairs

September 23rd, 14.00 CEST (12.00 UTC)

Domain 3: One health and urban resilience hybridization:
exploring the possible integration among two core approaches

Morning Chats h12.00 CEST (10.00 UTC)

UROH legacy: debate on key messages

The Patio

chairs: Angela Colucci, Yahya Shaker

Keynotes h14.00 CEST (12.00 UTC)

Conference Hall

chairs: Yahya Shaker, MOC-LLAB - HDMA San Diego State University; Domenico Vito, ResilienceLab

14.00 UTC+2

Prof. Marwa Dabaieh

Associate Professor at Malmö University - Sweden

Prof. Stefano Capolongo

Director of the Architecture, Construction Engineering and Built Environment (ABC) Politecnico di Milano

Prof. Lorenzo Pagliano

Director of end-use Efficiency Research Group- Politecnico di Milano



SESSION I h14.45 CEST (12.45 UTC)

Conference Hall

chairs: Domenico Vito, *ResilienceLab*; Lorenzo Pagliano, *eERG-Politecnico di Milano*

Timing	Title	Speakers
00:10 presentation 00:05 question	PLANNING STRATEGIES FOR REDUCING HEALTH IMPLICATIONS OF URBAN HEAT ISLAND	<i>Silpa A S and Lakshmi S R</i>
00:10 presentation 00:05 question	Toward sustainable and resilient buildings using optical properties	<i>Aroune Ghadbane, Houssame Limami, Imad Manssouri, Hassane Sahbi, Othmane Nouredine and Asmae Khaldoun</i>
00:10 presentation 00:05 question	What urban planning can do for cities after Covid. Rediscovering and Renovating the sanitary root of urban planning	<i>Maria Cristina Treu</i>

COFFEE BREAK

SESSION II h15.45 CEST (13.45 UTC)

Conference Hall

chairs: Yahya Shaker, *MOC-LLAB - HDMA San Diego State University*; Elena Mussinelli, *Politecnico di Milano*.

Timing	Title	Speakers
00:10 presentation 00:05 question	An open source design to remove SARS-Cov-2 and air pollution particles from indoor spaces. Can the unfortunate necessity of protection technologies accelerate healthy choices of energy, chemicals, materials, and processes?	<i>Jeffery Smith and Jim Rosenthal</i>
00:10 presentation 00:05 question	Traditional and modern building materials and practices adapted to natural resources: a way to meet the resilience approach.	<i>Othmane Nouredine, Imad Manssouri, Lorenzo Pagliano, Houssame Limami, Asmae Khaldoun, Hassane Sahbi and Silvia Erba</i>
00:10 presentation	Trento Urban Transformation. Designing healthy	<i>Sara Favargiotti, Anna Codemo, Silvia Mannocci and</i>

00:05 question	cities through adaptive urban planning.	<i>Mosè Ricci</i>
00:10 presentation 00:05 question	Urban Health methods to promote cities' resilience after Covid-19. The pedestrianization of Saint-Germain-en-Laye.	<i>Maddalena Buffoli, Rebecchi Andrea, Erica Isa Mosca, Silvia Mangili and Stefano Capolongo</i>
00:10 presentation 00:05 question	PolimiPARArocihna. Improving public health in Rocinha Favelas (Rio de Janeiro) through Integrated urban regeneration process.	<i>Angela Colucci, Massimo Tadi and Gabriele Masera</i>

Conclusions from the chairs

CONCLUSIONS OF THE CONFERENCE and ONLINE CHILL OUTS



via dei Mille, 136 – 27100 Pavia
CF 96072290180

resiliencelab@gmail.com

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