

ISSN 1464-360X (ONLINE)

EUROPEAN JOURNAL OF PUBLIC HEALTH

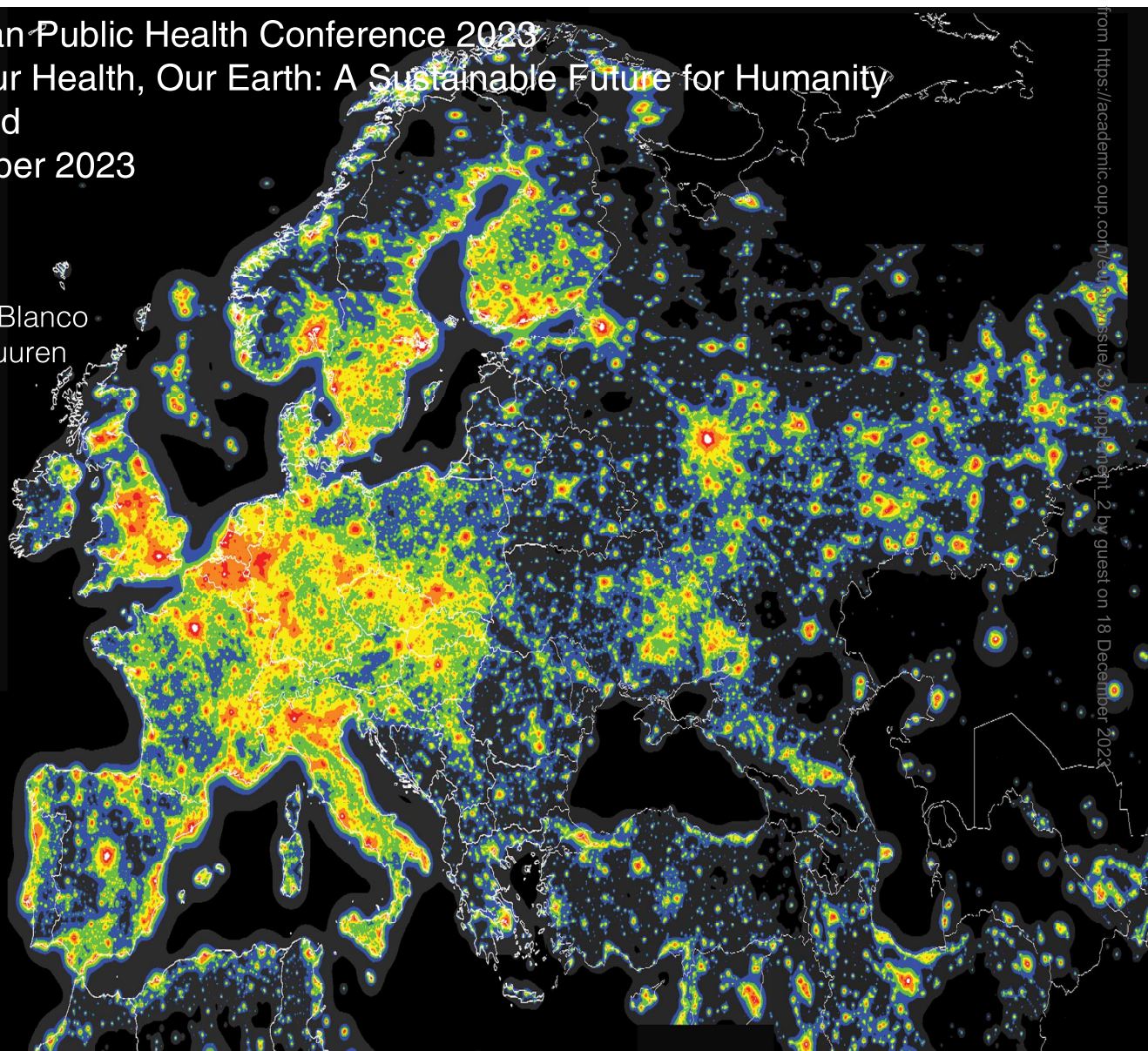
Volume 33 Supplement 2

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16th European Public Health Conference 2023
Our Food, Our Health, Our Earth: A Sustainable Future for Humanity
Dublin, Ireland
8–11 November 2023

Guest Editors:

Anthony Staines
Regien Biesma-Blanco
Marieke Verschuuren



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OXFORD
UNIVERSITY PRESS

EUROPEAN JOURNAL OF PUBLIC HEALTH

Volume 33 Supplement 2

SUPPLEMENT

16TH EUROPEAN PUBLIC HEALTH CONFERENCE

Our Food, Our Health, Our Earth: A Sustainable Future for Humanity
Dublin, Ireland
8–11 November 2023

ABSTRACT SUPPLEMENT

Guest editors: Anthony Staines, Regien Biesma-Blanco, Marieke Verschuuren

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Disclaimer

This supplement includes the abstracts as submitted and corrected by the authors. All abstracts have been reviewed by the International Scientific Committee. EPH Conference is not responsible for any errors.

1. INTRODUCTION

We are extremely pleased to present you this abstract supplement for the European Public Health Conference 2023 in Dublin. Like every year, the scientific programme and this accompanying supplement are the fruits of the labours of the International Scientific Committee, who again had to score a higher number of submissions than in previous years. After the successful conference in Berlin, it is wonderful to see that also this year so many public health professionals want to share their latest research and engage in discussions with their peers. As for previous conferences, we are confident that the Dublin conference will prove to be an excellent platform for scientific exchange and debate.

This supplement to the European Journal of Public Health contains the abstracts of presentations at the 16th European Public Health

(EPH) Conference, held in Dublin from 8-11 November and includes abstracts for presentations for the main part of the conference (plenary sessions, oral presentations, workshops and posters).

For the EPH Conference 2023, we received a record 2,550 abstracts of which a record number of 257 workshops. All abstracts were scored by the members of the International Scientific Committee (ISC) of the EPH Conference. The ISC 2023 consisted of 151 public health experts from 33 countries and was chaired by Prof Regien Biesma-Blanco. To ensure scientific quality without bias, each abstract was scored by on average 4,46 reviewers, each workshop by 3,64. We are extremely grateful to all ISC members for the hard work this involved. The members of the ISC scoring in 2023 are listed below.

International Scientific Committee, 2023, active

- | | | |
|---|--|---|
| — Prof Regien Biesma, Netherlands - Chair | — Dr Kimberley Foley, United Kingdom | — Prof Julian Mamo, Malta |
| — Ms Mette Aadahl, Denmark | — Dr Birger Forsberg, Sweden | — Mr Thomas Maribo, Denmark |
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| — Mrs Tatiana Alves, Portugal | — Dr Abby Gold, United States | — Prof Saoirse Nic Gabhainn, Ireland |
| — Dr Gabriela Barbaglia, Spain | — Prof Beatriz González-Valcarcel, Spain | — Dr Emer O'Connell, Ireland |
| — Prof Ronald Batenburg, Netherlands | — Ms Vanessa Gorasso, Belgium | — Prof Anna Odone, Italy |
| — Prof Fabrizio Bert, Italy | — Dr Olivier Grimaud, France | — Prof Orkan Okan, Germany |
| — Prof Johan Bilsen, Belgium | — Prof Peter Groenewegen, Netherlands | — Mr Kasper Olesen, Denmark |
| — Dr Christopher Birt, United Kingdom | — Prof Giuseppe Grosso, Italy | — Prof Nüket Paksoy Erbaydar, Turkey |
| — Prof Uwe H. Bittlingmayer, Germany | — Prof Ilona Grünberger, Sweden | — Dr Maria Papadakaki, Greece |
| — Petronille Bogaert, Belgium | — Dr Stefano Guicciardi, Italy | — Dr Roberta Pastorino, Italy |
| — Dr Henrik Bøggild, Denmark | — Prof Catherine Hayes, Ireland | — Dr Andre Peralta Santos, Portugal |
| — Dr Richard Bränström, Sweden | — Dr Henk Hilderink, Netherlands | — Prof Julian Perelman, Portugal |
| — Prof Ute Bültmann, Netherlands | — Anne Illemann Christensen, Denmark | — Prof Ivan Perry, Ireland |
| — Prof Genc Burazeri, Albania | — Mr Damir Ivankovic, Netherlands | — Dr Angelo Maria Pezzullo, Italy |
| — Prof Reinhard Busse, Germany | — Dr Marija Jakubauskiene, Lithuania | — Dr Péter Pikó, Hungary |
| — Dr Stefan Buttigieg, Malta | — Dr Danielle Jansen, Netherlands | — Dr Paulo Pinheiro, Germany |
| — Dr John M Cachia, Malta | — Prof Marta Cecilia Jaramillo-Mejia, Colombia | — Dr Valérie Pittet, Switzerland |
| — Prof Stefano Capolongo, Italy | — Prof Marijane Jevtic, Serbia | — Klaus D. Pluemer, Germany |
| — Dr Marion Carey, Australia | — Prof Ramune Kalediene, Lithuania | — Prof Ileana Prejbeanu, Romania |
| — Dr Evangelia Chrysikou, United Kingdom | — Prof Allan Krasnik, Denmark | — Prof Ossi Rahkonen, Finland |
| — Prof Nesrin Cilingiroglu, Turkey | — Dr Ellen Kuhlmann, Germany | — Dr Bina Ram, United Kingdom |
| — Dr Thomas Classen, Germany | — Dr Bernadette Kumar, Norway | — Prof Oliver Razum, Germany |
| — Prof Judith de Jong, Netherlands | — Prof Tobias Kurth, Germany | — Prof Andrea Rebecchi, Italy |
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| — Dr Silvia Florescu, Romania | | — Prof Paulo Sousa, Portugal |
| | | — Prof Anthony Staines, Ireland |
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| | | — Prof Christiane Stock, Germany |
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— Prof Birute Strukcinskiene, Lithuania	— Dr Peter Van Den Hazel, Netherlands	— Prof Paolo Villari, Italy
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	— Dr Marieke Verschuuren, Netherlands	
	— Prof Susana Viegas, Portugal	

The abstracts were scored on a scale of 0 to 7. The average score of the single abstracts was 4,478. The highest score was 6,500 and the lowest 1,000. The average score of workshops was 5,031. The highest score was 6,667 and the lowest 1,667. Only the highest scoring abstracts are accepted for the EPH Conference. We accepted 120 workshops out of 257 and 1,623 single abstracts out of 2 293 submitted. The EPH Conference Executive Board decided on 14 June 2023 on cut-off points for workshops, oral presentations and poster presentations, resulting in an excellent selection of workshops and presentations, as showcased in this abstract supplement.

Workshops	average score of 5,300 or higher were accepted
Oral presentations (8-minute presentation)	average score of 5,630 or higher were accepted
Pitch presentations (5-minute presentation)	average score of 5,250 or higher were accepted
E-Poster walks (3-minute presentation)	average score of 5,100 or higher were accepted
E-Poster displays (throughout the programme)	average score of 4,200 or higher were accepted

Following these decisions, abstracts were grouped in sessions, sessions in tracks and tracks were linked to the contents of the plenary programme. The programme for EPH Conference 2023 is organised in 16 thematic tracks, that mix workshops and oral sessions.

The 16 thematic tracks are:

- A. Food Revolution: Transforming Food Systems and Marketing
- B. Fighting Infectious Diseases: Epidemiology, Pandemic, Vaccines
- C. Bridging Borders: Collaboration for Health and Sustainability
- D. Easing the Burden: Responding to the Threat of Chronic Diseases

- E. Fostering our habitat: Climate Emergency, Environment and health, Urban Health
- F. Expanding Horizons: Digital Innovations, Monitoring, Foresight
- G. Data-Driven: Assessments for Informed Policy-Making
- H. Equity Restored: Improving Health through Law and Ethics
- I. Health Policies: Engaging in Public Debates, Politics, Advocacy
- J. Promoting Health: Better Health throughout the Life Course
- K. Empowering Citizens: Enhancing Health Literacy, Population Health
- L. Transforming Health Systems: Strength, Resilience, Efficacy
- M. Strengthening the Core: Health Workforce Research and Skills Development
- N. Maternal, Child, Adolescent Health: Caring for Our Next Generation
- O. Mental Health Matters: Advancements in Public Mental Health
- P. Embracing Diversity: Migration, LGBTQI+, Minority Health

The posters are on display throughout the whole conference.

As always, the International Scientific Committee members greatly enjoyed reading the submissions, many of them stating that it is a great exercise to learn about new developments in their field of expertise. We hope that you will find this volume equally interesting, and even more so the actual presentations, which promise to be of high quality yet again.

Looking forward to welcoming you all in Dublin,

Prof. Anthony Staines, Chair of the 16th European Public Health Conference

Prof. Regien Biesma-Blanco, Chair of the International Scientific Committee

Dr Marieke Verschuuren, Executive Director EPH Conference

and outcomes within the built environment. The study first elaborates on the common definitions of health and well-being in buildings. Through a systematic review, using the PRISMA and PICOC approaches, health and well-being metrics and methods are then identified. A framework and post-occupancy evaluation protocol are then developed, to be implemented within an interactive tool. The protocol can be used as a toolkit to, holistically, measure and benchmark health and well-being in buildings in use. The tool brings the evaluation toolkit together and provides recommendations. This study wishes to offer a valuable contribution towards securing public health, improving the qualities of the habitats that sustain a large part of our daily life.

Key messages:

- Physical environment affect human health and well-being through physical factors, spatial qualities, and feelings of safety and security.
- Measuring and benchmarking health and well-being in buildings and providing recommendations contribute to securing public health of the inhabitants, and improving the qualities of the habitats.

Abstract citation ID: ckad160.1171

Sustaining health and well-being in the built environment

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Public health is strongly interconnected with the physical, social, and economic environment, and with people's needs, preferences, and behaviours. Physical factors affect human health and well-being (e.g., temperature, light, sound, air), as much as spatial qualities (e.g., physical activity, active communities), and feelings of safety and security (e.g., mental health, restoration). The design, operation and maintenance of the built environment can reduce health threats to inhabitants, allowing them to flourish and thrive. Yet, although human factors are starting to be implemented in building criteria and rating tools (e.g., Flourish Wheel, WELL Building Standard, etc.), comprehensive frameworks are needed to combine metrics and methods, and systematically evaluate health and well-being in buildings. This can allow to recommend guidelines and interventions that policy-makers can adopt to improve standards in the building stock, including housing that is today a crucial public health priority. This research critically consolidates existing metrics and methods to benchmark health and well-being in built spaces and proposes, through a wide interdisciplinary perspective, a robust and practical set of tools to support human experience



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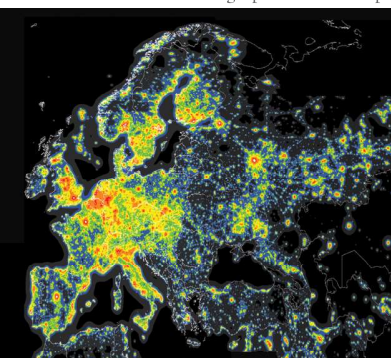
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