

Summary report from SBE19 THESSALONIKI conference

Event: SBE19-Thessaloniki, Sustainability in the built environment for climate change mitigation.

Dates: 23-25 October 2019

Location: Aristotle University's Research Dissemination Center, Thessaloniki, Greece

Number of paying attendees:

121 Oral presentations, 4 plenary keynotes.

208 participants from 43 countries. All participants, authors, presenters and accompanied persons (except for the keynote speakers, SBE conference series representatives, representatives from Aristotle University, undergraduate students and PhD students) were paying attendees.

Approximately 100 undergraduate and postgraduate students attended the conference.

Main Themes & Sub-themes

- Climate change: status, adaptation and mitigation strategies,
- Energy and environmental performance of buildings and built environment,
- Zero energy - emissions - lifecycle emissions buildings,
- Renewable energy in the built environment,
- Renovation and upgrading of buildings and urban areas,
- Environmental performance assessment of buildings and built environment: methods, tools and certification schemes,
- Policies, regulations and standards,
- Economic and social issues,
- Education,
- Building Physics.

Plenary keynotes by title & presenter

- Prof. Ronald Rovers, ***Climate change requires reinventing building(s)***,
- Dr. Constantinos Balaras, ***Built Environment – A source of and solution to the challenges for a Sustainable Future***,
- Prof. Sandro Nižetić, ***Importance of energy efficiency and how to remove barriers to energy efficiency in public and residential buildings***,
- Prof. Matthaios Santamouris, ***On the Impact of Urban Overheating and advances on Mitigation Science***.

Statistics

- Scientific blind peer review (abstracts and full paper)
- 121 oral presentations in 24 sessions (2 and 3 parallel sessions)

Roundtable

An organised roundtable including keynote speakers and the chairs of the organising and the scientific committee served as a resume of the conference outcome and the closing ceremony.

Panellists: Prof. Dimitrios Bikas, Prof. Sandro Nizetic, Prof. Ronald Rovers, Dr. Wim Bakens, Prof. Theodoros Theodosiou, Prof. Katerina Tsikaloudaki.

Book of abstracts distributed in printed and in electronic form (conference USB)

Full papers will be electronically published in **IOP Conference Series: Earth and Environmental Science** and indexed in Scopus.

After editing, photographs of each session and all events will be uploaded on the conference's webpage (<http://www.sbe19-thessaloniki.gr>)

Measures taken to reduce environmental impact of the event

- Location easily accessible by foot or by from the city centre (15 min. walking distance) or by public transportation where all recommended accommodation facilities are located. Weather conditions highly support walking in the city at this part of the year
- All conference banners were printed on recycled paper and recycled after the event
- Reusable, cotton conference bag, pen and pencil from recycled material
- Waste separation (paper and plastic bottles) before disposal to university's garbage bins

Comments

There was an increased participation of university students that have shown interest in presented topics.

Selected papers have been forwarded to International Journal of Energy Research (IF:3.009) for potential publication in a special issue.

Beyond the scientific program, 5 (30min) coffee breaks, 3 (1h) light lunch breaks and the Gala Dinner, where most delegates have participated, gave the change to enrich partnerships, to support the exchange of ideas and to develop personal relations between the participants, a fact that many delegates seem to have enjoyed according to their messages after the event.

On behalf of the SBE19-Thessaloniki Organizers



Theodoros Theodosiou
Chair of the Scientific Committee



Katerina Tsikaloudaki
Chair of the Organizing Committee

