



May 14
11:00-13:00
Room 18

Topic: Adaptation in Cities

The impact of climate change on the planning and architectural design Programme

Chair: Vladan Djokić

| Time | Programme |
|---------------|---|
| 11:00 – 11:15 | BSc/MSc Arch Cisar Mr. , Sasha, ETH Zürich, Zürich, Switzerland Zernez Energia 2020 : Energy planning or how to plan a zero emission community |
| 11:15 – 11:20 | Q&A |
| 11:20 – 11:35 | Ph.D. DUBOIS Ms., Catherine, Centre de recherche en aménagement et développement de l'Université Laval, Québec City, Canada The climate change adaptation roadmap; a novel tool to support architects and urban designers |
| 11:35 – 11:40 | Q&A |
| 11:40 – 11:55 | Sr. Researcher Chung Dr., Yoonseok, Korea Conformity Laboratories, Seoul, Republic of Korea Co-author(s) - Woo, Kyeon J How to deal with a rapid climate change in infrastructure and architecture? |
| 11:55 – 12:00 | Q&A |
| 12:00 – 12:15 | Ferrara Ms, Floriana F., T6 Ecosystem, Rome, Italy Co-author(s) - Wyckmans, Annemie Co-author(s) - Galderisi, Adriana Embodying resilience in urban development processes: suggestions for the future |
| 12:15 – 12:20 | Q&A |
| 12:20 – 12:35 | Cristina Visconti, University of Napoli, Italy Co-author(s) - Mattia Leone (presenter) Co-author(s) - Prof. Mario Losasso Innovative Water Concepts: Sustainable regeneration and climate change adaptation in East Napoli |
| 12:35 – 12:40 | Q&A |
| 12:40 – 12:55 | Hill Mr, Adrian, BUUR, Leuven, Belgium Co-author(s) - De Paep, Miechel A compass for urban scale sustainability |
| 12:55 – 13:00 | Q&A |



Posters:

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| Inundation Probability Analysis for Land Use Planning under Climate Change | Kim Ms, Jiyeon, Seoul |
| Energy and daylight optimization in hospitals: a case study | industrial Ph.D Negendahl Mr, Kristoffer, Frederiksberg |
| Using SUDS as a tool when separating rainwater from wastewater in existing living areas | Civil Engineer Uggerby Mr, Mads, Silkeborg |
| Impact of infiltration from rain gardens on near surface groundwater tables in urban geological settings | PhD Rasmussen Mr, Søren Højmark, Kastrup |
| New roads for stormwater management | Ingvertsen Mr, Simon Toft, Kastrup |
| Quantification the Effects of Water Sensitive Urban Design in a Simplifying Manner | Lerer Ms, Sara Maria, Kgs. Lyngby |
| Dynamic Key Performance Indicators for the evaluation of behavioral-resilient architectures and policies at the urban scale. | D'Oca Ms, Simona, Torino |
| Challenges for the urban water infrastructure through city development and climate change in the context of urban flood risk | Huttenlau Mr, Innsbruck |
| MATERIAL AND SOCIAL CONSTRUCTION: A FRAMEWORK FOR THE ADAPTATION OF BUILDINGS | Rsch Director Keenan Mr, Jesse, New York |
| SCALGO Live as a screening tool in cloudburst-planning | M.Sc. Eng. Winther Mr, Rasmus, Aarhus V |
| Quick scan tool urban heat stress: how to help the urban planner? | dr ir Kluck mr, Jeroen, Amsterdam |