POSTER 4: TUKUP - Public policies and practices

Implementing Climate Resiliency through Local Disaster Recovery Planning

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POSTER 15: TUKUP - Weather forecasting for city actors

Urban climate monitoring networks based on LCZ concept

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A very-short term nowcast for warnings just before the severe rainstorm with the use of vertically integrated liquid water content

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Partitioning the role of emissions and meteorology in driving pollutants concentrations: a data-driven approach based on eddy covariance

Sara Di Lonardo, Giovanni Gualtieri, Piero Toscano, Carolina Vagnoli, Alessandro Zaldei, Beniamino Gioli
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High-resolution forecasts of the thermal comfort in the urban area of Trento

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POSTER 26: TUKUP - Indicators, climate maps, and decision support tools

Inundation in Kathmandu , capital city of Nepal
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Sensitivity of the TEB model to building parameters, urban planning and spatial distributions of natural areas in an urban area. The Paris area example during the 2003 heat wave.
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Analysis of urban flooding from a meteorological perspective applied to two temperate climate cities in Argentina
Alicia M. Campo[1,2], Paula A. Zapperi[1,2], Beatriz N. Aldalur[1], María B. Ramos[1]
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Study on future urban form and land use pattern considering urban warming and depopulation -Scenario Making by using concept of potential natural vegetation-
Makoto Yokoyama[1], Kaoru Matsuo[1], Takahiro Tanaka[1], Satoru Sadohara[2]
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Estimation of human-biometeorological conditions in south west Germany for the assessment of mitigation and adaptation potential
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Thermal maps: useful tool to measure the effects of urban transformations
Giada Brandani[1,2], Martina Petralli[1,2], Luciano Massetti[3], Simone Orlandini[1,2,4]
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Knowledge and technological transfer: a user-friendly multi-model platform for consulting services to simulate the evolution of the city and the urban climate over a century, from a prototype developed within the multidisciplinary project ACCLIMAT
Béatrice Pouponneau[1], Thierry Duguin[1], Julien Desplat[1], Marie-Pierre Moine[2], Dominique Giard[1], Valery Masson[1], Evelyne Pesin[1], Yves Bidet[1], Olivier Lemaitre[1], Sophie MARTINONI-LAPIERRE[1]
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A Climate Adaption Concept for the Urban Heat Island
Gunnar Ketzler[1], Timo Sachsen[1], André Simon[2], Katja Petzoldt[1], Christoph Schneider[1], Isabell Maras[1], Andrea Kranefeld[2]
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Urban Climate Mapping in a small city with a complex terrain in the Northeast of Portugal
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The utilization of first derivatives and violinplots of meteorological parameters for the evaluation of thermal behavior of small urban sites.
Ioannis Charalampopoulos[1], Ioannis Tsiros[1], Aikaterini Chronopoulou-Sereli[1], Andreas Matzarakis[2]
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Urban climate and heat-stress patterns in Berlin, Germany
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WAsP software - application for data analysis of wind over a city
Alessandra Rodrigues Prata-Shimomura[1], Jorge A. Gil Saraiva[1], Antonio Saraiva Lopes[2]

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Urban climate and materials properties: What do we know about this field? How can we use this knowledge for urban planning? How can we adapt and better build our cities for tomorrow?

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Countermeasure guidelines and evaluation tools against heat island phenomena for several cities in Japan and East Asia

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