

Climate change 2050 in two cities in different climate zones: Hamburg and Jakarta. Simulations with COSMO-CLM+TEB.

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Wintertime urban heat island modified by global climate change over Japan

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Numerical Simulation on Regional Climate Change Accompanying the Rapid Urbanization of Greater Ho Chi Minh City Metropolitan over the Past 20 Years

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Simulations of Moscow agglomeration climate with COSMO-CLM regional model, coupled with TEB urban scheme, for present and future climate

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Régionalisation des paramètres climatiques. Cas de la ville de Annaba

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CLIMATE WARMING IMPACT ON THE FLOOD DISCHARGES TIME IN SOME TIGRIS RIVER TRIBUTARIES IN IRAQ

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Future climate of Brussels and Paris for the 2050s under the A1B scenario

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Future air quality of the Brussels Capital Region for the 2050s under A1B emission scenario

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Mitigating the impact of environmental degradation on climatic change and global warming

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Projection of the rural and urban human thermal comfort in the Netherlands for 2050

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Long-term variability of suburban energy and water exchanges in Vancouver

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Contribution of Urbanization and Future Climate Change to Urban Heat Island: Case Study of a Severe Heat Wave over Beijing, China

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Monitoring of Air pollution and black cloud influence on Aerosol optical properties over Nile Delta based on Moderate Resolution Imaging Spectroradiometer (MODIS) and climatic data from 2002-2012

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Vulnerability and Adaptation in the Ukrainian Cities under Climate Change

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Warming of the annual minimum temperatures of rural and urban stations in the French Mediterranean region (1951-2010)

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The decadal projection of the Belgian urban heat island under changing climate and land use

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Environmental Impacts of Wind Power in Egypt

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The contribution of urbanization to recent extreme heat events and white roof mitigation strategy in the Beijing–Tianjin–Hebei metropolitan area

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Study on measures for adaptation to future climate change in a Japanese major city Nagoya using pseudo global warming downscaling method

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Assessment of landscape design to fight against Urban Heat Island effects through various combinations of heat mitigation strategies

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New funding programs related to urban climate and urban adaptation

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Adapting cities to climate Change : a systemic modelling approach

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POSTER 9: CCMA - UHI mitigation strategies

Impact of urban expansion and densification on local climate

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Moderation of summertime heat-island phenomena via modification of the urban form in the Tokyo metropolitan area

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Modeling NOx and benzene emissions and exposure from road traffic and domestic heaters in street canyons: a case-study in Verona, Italy

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Mitigation of Urban Heat Island of Prague

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POSTER 19: CCMA - UHI mitigation strategies based on vegetation

Optimizing urban irrigation schemes for a trade-off between energy and water consumption

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Does urban vegetation enhance carbon sequestration?

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Characterization of the behavior of watered urban materials

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Research of Water Body in Improving Outdoor Thermal Environment in Hot-humid Region, China—The Example of Lingnan Garden

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Analysing green roof and albedo effects on thermal urban climate in support of climate adaptation to summer heat conditions

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The influence of different tree species on outdoor thermal comfort in the tropical urban environment

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Towards “green” streets – climate change adaptation and mitigation using the suburban street; a case study from Western Sydney.

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Urban phenological maps: effective tools for stakeholders, planners and allergists

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Trait-based species selection for urban forests under climate change scenario

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The impact of urban growth and mitigation measures on urban temperatures in Hamburg, Germany

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Examination of the interrelation between woody vegetation and urban rainwater management: stormwater runoff decrease as ecosystem service of trees in Szeged (Hungary)

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Evaluation of greening and highly reflective materials from three perspectives

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Evaluation of cool/green roof in mitigating urban heat island in a tropical city, Singapore

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