POSTER 8: BPH/UDC - Outdoor microclimate, modelling and link with urban form

Evaluation on the outdoor thermal climate using an integrated urban canopy model and geographic information: a case study in Shenzhen

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CLIMATE AND ENVIRONMENTAL PLANNING: A CASE STUDY ON INTRA-URBAN AREA OF THE CAMPUS I UFPB

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Human thermal comfort within an urban district dependent on topography and different planning scenarios - numerical case study for the city of Stuttgart (Southwest Germany) on a heat wave day

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The impact of green space distribution on the microclimate of idealized urban grids.

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An economical method to estimate the air temperature and humidity around buildings on long time scales

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Indexed View Sphere – A non-iterative a method the estimation of radiative fluxes in complex environments

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Quantifying the impact of surface heterogeneities on the radiative response of a simplified urban surface

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Street geometry design and its effect on mean radiant temperature: A parametric study based on numerical modelling

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Validation of ENVI-met PMV values with in-situ measurements

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Analysis of the Cool Roof Effect through a Building Modeling Experiment

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Study of human thermal comfort for architecture in China – The Example of Shanghai

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Mean Radiant Temperature in urban spaces from solar calculations, climate and surface properties – theory and 'Mr.T' software

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ARIStree – A L-System-Based Plant Modeling Tool for ENVI-met

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Optimizing Outdoor comfort of pedestrian and open space in cities base on climatic conditions ,Case study the KASHAN city.

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Temporal differences of urban-rural biometeorological factors for planning and tourism in Szeged, Hungary

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Analysis of 3D radiant fluxes using SOLWEIG in complex urban area

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Analysis and modelling of meso- and microscale urban climate in Bucharest, Romania

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Raytracing of solar radiation for urban microclimate study

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Evaluation of mitigation strategies to improve pedestrian comfort in a typical Mediterranean city

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The heat stress assessment of two contrasted outdoor urban environments: the examples of Lisbon (Portugal) and Bucharest (Romania).

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Analysis of 3 Dimensional Sunshine Duration Environment in an Urban Area

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The variation of sky view factor from urban geometry

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PLANNING OF GREENING BASED ON INTEGRATED EVALUATION OF THERMAL ENVIRONMENTS AND ECOSYSTEM

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Improving the Micro Climate in the former Tempelhof Airport of Berlin regarding different Development Strategies

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Building Shading Envelopes and Microclimatic Design - The Museum of European and Mediterranean Civilisations
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Effects of changing surface characteristics and design on the microclimate of a tropical urban area using the model Solene
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Using lichen diversity to evaluate the impact of Urban Heat Island Effect
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POSTER 16: BPH - Outdoor and indoor comfort, and link with health

Regional differences in the impacts of temperature extremes on cardiovascular health in the Czech Republic
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OUTDOOR COMFORT STUDY IN DOWNTOWN RIO DE JANEIRO, BRAZI
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Cool effects and thermal comforts of different landscape conditions in a Nigerian University
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Features of the pedestrian thermal environment on a Campus University
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Interrelationship of indoor radon concentration and meteorological parameters in Łódź (Central Poland) case study – preliminary results
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Influence of outdoor thermal environment on shaded or sunlit walking path selection of pedestrian
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Evaluation of some indices for urban heat stress found in the regional scale of Western Japan
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Linking human-biometeorological thermal conditions with Köppen-Geiger climate classification – The Example of China
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Thermal comfort and landscape design in university campus
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Thermal comfort in urban parks: field measurements of UTCI in different park settings
Martina Petralli[1,2], Luciano Massetti[3], Giada Brandani[1,2], Marco Napoli[2], Alessandro Messeri[1,2], Simone Orlandini[1,2]
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Assessment of bioclimatic comfort in urban public places – an interdisciplinary approach
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Thermal Design of Plant Canopy Structure Based on Measurement Data of Thermal Environment of Premises Woods
Shoko Hashida[1], Atsumasa Yoshida[2], Kazuki Tsurunaga[2], Shinichi Kinoshita[2], Yasuhiro Shimazaki[3]
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Climatic Effects on Human Thermal Comfort: Preliminary Survey in Korea
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PEDESTRIAN USE OF SQUARES AND URBAN MICROCLIMATE IN VALPARAISO, CHILE

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THERMAL COMFORT CONDITIONS OF SHADED OUTDOOUR SPACES IN HOT AND DRY CLIMATE OF CONSTANTINE ALGERIGA

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Towards prediction of the meteorological effects on the incidence of acute aortic dissection type A.

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Subjective thermal comfort: a study in a Brazilian city park

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Assessment of impact of green cover percentage on the variation of microclimatic parameters and thermal comfort within urban open spaces from tropical city, Nagpur.

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Indoor comfort and air quality in spaces equipped with eco-ventilations systems

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Thermal Comfort assessment of a Studio Classroom in Hot & Humid Climate Conditions

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POSTER 20: BPH/ID - Human perception of comfort, and multicriteria evaluation

Can the comfort index physiological equivalent temperature assess thermal pollution in Mexico City?

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CALIBRATION OF COMFORT PET INDEX (°C) USING DECISION TREE

Telma Andrade[1], Jussana Nery[2], Sandra Miranda[2], Cira Pitombo[2], Tereza freire[2], Lutz Katzschner[3]
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Global Climate Change in Local Places: the Glocal Representative Index

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Urban design adaptation strategies for public engagement and thermal ambiences control

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Meeting environmental quality requirements at neighbourhood scale: an original transdisciplinary approach allying human and physical sciences (The EUREQUA project)

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Modified physiologically equivalent temperature for applications in urban climate studies

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