

Oral Program

Sunday 25 November 2018			
07:00-08:45	Registration Room: Hall Tramuntana		
07:45-08:45	Early Morning Session 1: Cities-travel Behavior, Transport Emissions and Urban Design Oliver Gao, <i>Cornell University, USA, China</i>	Early Morning Session 2: Land Use and Transportation Bert van Wee, <i>Delft University of Technology, The Netherlands</i>	Early Morning Session 3: Pathways to Healthy Urban Living Mark Nieuwenhuijsen, <i>ISGlobal, Spain</i>
Room: Chair:	Tramuntana 2&3 Mark Nieuwenhuijsen		
08:45-09:00	Opening Remarks		
09:00-09:30	[KEY1] Opportunities and challenges for promoting urban health Ana Diez Roux, <i>Drexel University, USA</i>		
09:30-10:00	[KEY2] Understanding the complex city: Decisions for healthy future cities Mark Stevenson, <i>University of Melbourne, Australia</i>		
10:00-11:00	Session 01: Reshaping Cities Session Chair: Jean-Claude Bolay Room: Tramuntana 2&3	Session 02: Urban Planning and Transport Session Chair: Caterina Villani, Bert van Wee Room: Garbi 1	Session 03: Urban Planning, Mobility, Environment and Health Session Chair: Jonathan Olsen, Greg Wellenius Room: Garbi 2
10:00-10:15	[O01.01] The urban transition and beyond: Facing new challenges of the mobility and settlement transitions in Asia Y. Zhu, <i>Fujian Normal University/Shanghai University, China</i>	[O02.01] Affordable housing, energy poverty, and mobility disadvantage: Developing an integrated perspective on real housing costs K. Grossmann*, M. Gather, C. Hille, <i>University of Applied Sciences Erfurt, Germany</i>	[O03.01] Urban design and well-being at the neighbourhood level K.M. Leyden* ¹ , L. D'Arcy ² , M. Hogan ¹ , C. Woods ³ , ¹ National University of Ireland, Ireland, ² Dublin Institute of Technology, Ireland, ³ University of Limerick, Ireland
10:15-10:30	[O01.02] Urban planning for whom: Which alternative for poor cities in global South? J-C. Bolay, <i>EPFL (Swiss Federal Institute of Technology, Lausanne), Switzerland</i>	[O02.02] Is TOD limiting pedestrian accessibility? Empirical evidence from Hong Kong case study C. Villani*, G. Talamini, <i>City University of Hong Kong, Hong Kong</i>	[O03.02] Are urban landscapes associated with reported quality of life and inequalities in quality of life? A cross-sectional study of 66 European cities J.R. Olsen, N. Nicholls, R. Mitchell*, <i>University of Glasgow, UK</i>

10:30-10:45	[O01.03] Reshaping to liveable future: An alternative approach to sustainable water-based peri-urban morphology design M.M. Al Mamun, <i>Chittagong University of Engineering & Technology, Bangladesh</i>	[O02.03] The impact of metro system on residential development in Hong Kong Y.X. Bai ¹ , S.S. Wu ^{*2} , S.M. Lo ¹ , ¹ <i>City University of Hong Kong, Hong Kong</i> , ² <i>Tongji University, China</i>	[O03.03] Does urban form affect urban NO₂? Satellite-based evidence for more than 1,200 cities M. Bechle ^{*1} , D. Millet ² , J. Marshall ¹ , ¹ <i>University of Washington, USA</i> , ² <i>University of Minnesota, USA</i>
10:45-11:00	[O01.04] Can Korean innovation cities be self-sufficient? Y.J. Ock [*] , H-S. Jang, <i>Seoul National University of Science & Technology, Republic of Korea</i>	[O02.04] Urban structure effects on shared mobility with automated driving "Shared-adus" K. Azuma ^{*1} , H. Katsuki ² , M. Taniguchi ¹ , ¹ <i>Tsukuba University, Japan</i> , ² <i>Urban Renaissance Agency, Japan</i>	[O03.04] Ciclovías as vehicles for social integration: the case of Santiago and Bogotá R. Mora ^{*1} , C. Triana ² , O.L. Sarmiento ¹ , ¹ <i>Universidad Diego Portales, Chile</i> , ² <i>Universidad de los Andes, Colombia</i>
11:00-11:30	Refreshment Break Room: Tramuntana 1		
11:30-13:00	Session 04: Concepts, Frameworks and Public Spaces Session Chair: Karl Samuelsson Room: <i>Tramuntana 2&3</i>	Session 05: Healthy Streets New Zealand Session Chair: Alex MacMillan, Alistair Woodward Room: <i>Garbi 1</i>	Session 06: Built Environment and Health Session Chair: Payam Dadvand Room: <i>Garbi 2</i>
11:30-11:45	[O04.01] Conceptualising urban systems for sustainability assessment P. Halla [*] , C.R. Binder, <i>École Polytechnique Fédérale de Lausanne, Switzerland</i>	[O05.01] Retrofitting suburbs for climate, health and equity: The NZ Te Ara Mua –Future Streets study A. Macmillan ¹ , H. Mackie ³ , A. Woodward ^{*2} , K. Witten ⁴ , ¹ <i>University of Otago, New Zealand</i> , ² <i>University of Auckland, New Zealand</i> , ³ <i>Mackie Research, New Zealand</i> , ⁴ <i>Massey University, New Zealand</i>	[O06.01] Impact of built environment on residents' health in slum rehabilitation housing in Mumbai, India B. Kshetrimayum [*] , R. Bardhan, A. Jana, <i>Indian Institute of Technology Bombay, India</i>
11:45-12:00	[O04.02] How social capital supports urban resilience: Developing a community involvement management framework Y. Liu ^{*1} , D. Yang ¹ , B.C. Anderson ^{1,2} , L. Cao ¹ , Y. Han ¹ , ¹ <i>Tianjin University, China</i> , ² <i>Queen's University, Canada</i>	[O05.02] Te Ara Mua Future Streets intervention design: transdisciplinary process and design outcomes H. Mackie ¹ , A. Macmillan ^{*2} , P. Baas ¹ , A. Field ⁴ , K. Witten ⁶ , M. Smith ⁵ , A. Woodward ⁵ , J. Hosking ⁵ , ¹ <i>Mackie Research, New Zealand</i> , ² <i>University of Otago, New Zealand</i> , ³ <i>TERNZ, New Zealand</i> , ⁴ <i>Dovetail Consulting, New Zealand</i> , ⁵ <i>University of Auckland, New Zealand</i> , ⁶ <i>Massey University, New Zealand</i>	[O06.02] Urban design and childhood obesity - Lisbon municipality study case M. Pereira [*] , C. Padez, H. Nogueira, <i>Research Centre for Anthropology and Health, Portugal</i>
12:00-12:15	[O04.03] A new geography of urbanization: Monitoring 15 years of rural-urban transitions with the global human settlement layer in sub-saharan africa M. Schiavina ^{*1} , S. Freire ¹ , A.J. Florczyk ¹ , M. Melchiorri ¹ , ¹ <i>European Commission - Joint</i>	[O05.03] Negotiating a transport and health, researcher-practitioner partnership K. Witten ¹ , J. Hosking ^{*2} , M. Smith ² , A. Field ³ , ¹ <i>Massey University, New Zealand</i> , ² <i>University of Auckland, New Zealand</i> , ³ <i>Dovetail Consulting, New Zealand</i>	[O06.03] Residential built-up area in relation to markers of cardiovascular health in peri-urban South India C. Milà [*] , M. Sanchez, A. Ambros, O. Ranzani, S. Kinra, P. Dadvand, C. Tonne, <i>Barcelona Institute for Global Health, Spain</i>

	Research Centre, Italy, ² Piksel - European Commission - Joint Research Centre, Italy		
12:15-12:30	[O04.04] Revitalization public spaces in shrinking regions N. Abujidi*, C. Furlan, H. Sap, Zuyd University, The Netherlands	[O05.04] The politics of urban transitions: Lessons from New Zealand A. Macmillan* ¹ , K. Wild ² , ¹ University of Otago, New Zealand, ² University of Auckland, New Zealand	[O06.04] The association between access to unhealthy food and BMI in children aged 11-13 years A. Mizen*, S.E. Rodgers, R.J. Fry, Swansea University, UK
12:30-12:45	[O04.05] Methodology for quantifying built environment change over time across Scotland L.E. Macdonald*, R. Mitchell, University of Glasgow, UK	[O05.05] Can transport interventions reduce health inequalities? A systematic review of whether their effects differ by socio-economic status or ethnicity J. Hosking* ¹ , A. Macmillan ² , R. Jones ¹ , S. Ameratunga ¹ , M. Smith ¹ , A. Woodward ¹ , ¹ University of Auckland, New Zealand, ² University of Otago, New Zealand	[O06.05] Neighborhood population density, densification, and cardio-metabolic health among Australian adults M. Chandrabose* ¹ , A. Carver ¹ , N. Owen ² , B. Giles-Corti ³ , G. Turrell ³ , T. Sugiyama ¹ , ¹ Australian Catholic University, Australia, ² Baker Heart and Diabetes Institute, Australia, ³ MIT University, Australia
12:45-13:00	[O04.06] Impact on environment on people's everyday experiences in Stockholm K. Samuelsson* ¹ , M. Giusti ² , G. Peterson ² , A. Legeby ³ , S.A. Brandt ¹ , S. Barthel ^{1,2} , ¹ University of Gävle, Sweden, ² Stockholm University, Sweden, ³ KTH Royal Institute of Technology, Sweden	[O05.06] Why are cyclists the happiest commuters? Exploring the role of mode satisfaction in urban transport planning K. Wild, University of Auckland, New Zealand	[O06.06] The impact of the natural and built environment on fetal growth G.A. Wellenius*, R. Noga, M.N. Eliot, C.G. Sears, S-A. Choe, Brown University, USA
13:00-14:00	Lunch Room: Noray Restaurant		
14:00-15:00	Poster Session 1 Room: Tramuntana 1		
15:00-16:00	Session 07: Community Participation Session Chair: James Connolly Room: Tramuntana 2&3	Session 08: Mobility Session Chair: Zaid Aldeek, Haneen Khreis Room: Garbi 1	Session 09: Air Pollution Session Chair: Rob McConnell, Audrey de Nazelle Room: Garbi 2
15:00-15:15	[O07.01] Community-led planning for climate change adaptation: Insights from Australian coastal communities S. Serrao-Neumann* ^{1,2} , D. Low Choy ² , ¹ University of Waikato, New Zealand, ² Griffith University, Australia	[O08.01] Where we choose to live and why? A review of accessibility factors influencing residential choices K. Barpete*, A. Jana, Indian Institute of Technology Bombay, India	[O09.01] Cyclist exposure to black carbon, ultrafine particles and particle-bound metals: From in-situ mobile monitoring along two commuting routes to inhaled pollutant dose J. Hofman*, R. Samson, S. Joosen, R. Blust, S. Lenaerts, University of Antwerp, Belgium
15:15-15:30	[O07.02] Transport and mobility interventions: A methodology to co-develop a core-outcome set of evaluation indicators using the delphi technique P. Mullins*, R. Bell, University College London, UK	[O08.02] Transforming and requalifying Irbid city center and the possible effects on its architectural and urban Identity, using horizontal and vertical approach Z. Aldeek, Yarmouk University, Jordan	[O09.02] How ambitious should be public intervention aiming to reduce air pollution in urban areas? An approach allowing to identify air pollution reduction scenarios on the basis of health improvement targets S. Gabet* ^{1,2} , X. Morelli ^{1,2} , C. Rieux ³ ,

			H. Bouscasse ^{4,2} , S. Mathy ^{4,2} , R. Slama ^{1,2} , <i>¹Inserm, France, ²Université Grenoble Alpes, France, ³Atmo Au-RA, France, ⁴CNRS, France</i>
15:30-15:45	[O07.03] Bridging the gap between social innovation and urban energy strategies - Evidence from three decision support tools for city planning G. Hubmann* ¹ , C. Mattij ^{2,3} , D. Fernandez ^{4,5} , C. Mateo-Cecilia ⁶ , <i>¹Technical University Berlin, Germany, ²Utrecht University, The Netherlands, ³EIT Climate-KIC, Belgium, ⁴Trinity College Dublin, Ireland, ⁵EIT Raw materials, Belgium, ⁶Polytechnic University of Valencia, Spain</i>	[O08.03] "Mobility as a service" as a paradigm and as a platform: A conceptual framework A. Aisin, M. Rozhenko*, <i>National Research University Higher School of Economics, Russia</i>	[O09.03] A worldwide study of traffic contribution to particulate matter in urban areas using a Bayesian meta-regression approach S. Heydari* ⁴ , R. Goel ² , N. da Cruz Gouveia ³ , J. Woodcock ² , M. Tainio ² , A. de Nazelle ¹ , <i>¹Imperial College London, UK, ²University of Cambridge, UK, ³University of Sao Paulo, Brazil, ⁴University of Southampton, UK</i>
15:45-16:00	[O07.04] Citizen Sensing – Urban climate resilience through participatory risk management systems T-S. Nese [†] * ¹ , T. Opach ^{2,1} , C. Navarra ¹ , L. Andersson ¹ , J. Wilk ¹ , J. Wikner ¹ , S. Juhola ¹ , J.K. Rød ² , S. Santos Cruz ³ , A. Zijdervelden ⁴ , <i>¹Linköping University, Department of Thematic Studies – Environmental Change, Centre for Climate Science and Policy Research, Sweden, Sweden, ²Norwegian Institute for Science and Technology (NTNU), Norway, ³University of Porto, The Research Centre for Territory, Transports and Environment (CITTA), Portugal, ⁴Deltares, The Netherlands</i>	[O08.04] Urban structure, travel behaviour, and transport CO₂ emissions: From scaling relations to sustainability N. Mohajeri* ¹ , A. Gudmundsson ² , <i>¹University of Oxford, UK, ²Royal Holloway University of London, UK</i>	[O09.04] Near-roadway air pollution attributable burden of disease and cost: A tool for formulating local climate change mitigation policy with health co-benefits? R. McConnell* ¹ , N. Kunzli ² , J. Wilson ¹ , F. Lurmann ³ , <i>¹University of Southern California, USA, ²Swiss Tropical and Public Health Institute and University of Basel, Switzerland, ³Sonoma Technology, Inc, USA</i>
16:00-16:15			[O09.05] Using research on near roadway UFP to influence policy and practice in Boston, MA D. Brugge* ¹ , A. Turner ¹ , L. Lowe ² , E. Reisner ³ , J. Durant ¹ , W. Zamore ³ , L. Sprague Martinez ⁴ <i>¹Tufts University, USA, ²Chinese Progressive Association, USA, ³Somerville Transportation Equity Partnership, USA, ⁴Boston University, USA</i>
16:15-16:30	Refreshment Break Room: Tramuntana 1		
16:30-17:30	Session 10: Land Use Session Chair: Gizem Mestav Sarica, Evelyne de Leeuw Room: Tramuntana 2&3	Session 11: Urban Layout, Lifestyle and Mobility Session Chair: Robert Cervero, Razieh Zandieh Room: Garbi 1	Session 12: Built Environment, Behavior, Physical Activity and Health Session Chair: Anthony Barnett, Antoni Colom Fernández Room: Garbi 2

16:30-16:45	<p>[O10.01] If aiming for parsimonious urban land use: The case of Greater Zurich S. Waelty, <i>ETH Zurich, Switzerland</i></p>	<p>[O11.01] Modal choice of working women in Dhaka Metropolitan City A. Kishore, N. Tahsin, R. YS Ann, A.K. Debnath*, <i>Bangladesh University of Engineering and Technology (BUET), Bangladesh</i></p>	<p>[O12.01] Walking behaviour and patterns of perceived access to neighbourhood destinations in older adults from a low-density (Brisbane, Australia) and an ultra-dense city (Hong Kong, China) E. Boakye-Dankwa*¹, A. Barnett¹, L. Busija², R.S.Y. Lee³, N. Pachana⁴, G. Turrell⁵, E. Cerin^{1,6}, ¹<i>Australian Catholic University, Australia</i>, ²<i>Monash University, Australia</i>, ³<i>Department of Health, Hong Kong</i>, ⁴<i>The University of Queensland, Australia</i>, ⁵<i>Queensland University of Technology, Australia</i>, ⁶<i>The University of Hong Kong, Hong Kong</i></p>
16:45-17:00	<p>[O10.02] Spatiotemporal dynamics of urban extent at risk: Case study for seismic hazard in Asian megacities G.M. Sarica*, T. Zhu, T.C. Pan, <i>Nanyang Technological University, Singapore</i></p>	<p>[O11.02] Urban environments and walkability: An analysis in six neighbourhoods of Santiago, Chile M.G. Herrmann-Lunecke, R. Mora*, S. Monsalve, <i>Universidad Diego Portales, Chile</i></p>	<p>[O12.02] How are the built environment and household variables associated with children's active transport? A. Carver*¹, A. Barr², H. Badland³, S. Mavoa², B. Giles-Corti³, R. Bentley², ¹<i>Australian Catholic University, Australia</i>, ²<i>University of Melbourne, Australia</i>, ³<i>Royal Melbourne Institute of Technology (RMIT), Australia</i></p>
17:00-17:15	<p>[O10.03] Assessing urban land use intensity by remote sensing C. Xie*^{1,2}, A. Lausch^{1,2}, D. Haase^{1,2}, ¹<i>Helmholtz Centre for Environmental Research – UFZ, Germany</i>, ²<i>Humboldt Universität zu Berlin, Germany</i></p>	<p>[O11.03] Does polycentrism reduce land consumption? An analysis of the largest metropolitan systems in Spain C. Marmolejo-Duarte*, M. Tornés-Fernández, <i>Centre for Land Policy and Valuations ETSAB UPC, Spain</i></p>	<p>[O12.03] The relationship between land-use distribution and moderate to vigorous physical activity in a Mediterranean metropolis. Evidence from GPS and accelerometer data among young adults in Barcelona X. Delclòs-Alió*, G. Vich, C. Miralles-Guasch <i>Universitat Autònoma de Barcelona, Spain</i></p>
17:15-17:30	<p>[O10.04] Developing pedestrian LOS for urban sidewalk network: A methodology for selection of measures of effectiveness using a three-dimensional approach D. Nag, A.K. Goswami*, <i>Indian Institute of Technology Kharagpur, India</i></p>	<p>[O11.04] Carbon reduction by compact urban layout? - Transition of automobile CO₂ emission over 28 years E. Morimoto*¹, T. Koshikawa², M. Taniguchi¹, ¹<i>Tsukuba University, Japan</i>, ²<i>Value Management Institute, Inc., Japan</i></p>	<p>[O12.04] Mediterranean built environment and weather on older adults physical activity A. Colom*^{1,2}, M. Ruiz³, J. Wärnberg⁴, J. Baron⁴, N. Pérez⁴, M. Compa⁵, M. Fiol^{1,2}, D. Romaguera^{1,2}, ¹<i>CIBER Fisiopatología de la Obesidad y Nutrición (CIBEROBN), Spain</i>, ²<i>Institut de Investigació Sanitària Illes Balears (IDISBA), Spain</i>, ³<i>Universitat de les Illes Balears (UIB), Spain</i>, ⁴<i>University of Málaga IBIMA, Spain</i>, ⁵<i>Instituto Español de Oceanografía (IEO), Spain</i></p>
17:30-18:30	Welcome Drinks Reception Room: Tramuntana 1		
18:30-20:00	Sitges Walking Tour (Optional Ticketed Event)		

Monday 26 November 2018

Monday 26 November 2018			
08:00-09:00	Early Morning Session 4: The Global Reach of (Green) Gentrification: Impacts on Health and Wellbeing Isabel Anguelovski, <i>ICTA UAB, Spain</i>	Early Morning Session 5: Healthy Urban Planning Razieh Zandieh, <i>The University of Manchester, UK</i>	Early Morning Session 6: WHO Work on Urban Spaces and Health - European and Global Perspectives Matthias Braubach, <i>WHO European Centre for Environment and Health, Germany</i>
Room:	Tramuntana 2&3		
Chair:	Bert van Wee		
09:00-09:30	[KEY3] Health and nature-based solutions to climate change and urbanisation Nadja Kabisch, <i>Humboldt University of Berlin, Germany</i>		
09:30-10:00	[KEY4] Active and smart mobility: Can they co-exist? Robert Cervero, <i>University of California, Berkeley, USA</i>		
10:00-11:00	Session 13: Urban Environment Session Chair: Room: <i>Tramuntana 2&3</i>	Session 14: Future Development and Mobility Session Chair: Oliver Gao, Karan Barpete Room: <i>Garbi 1</i>	Session 15: Urban Environment and Health Session Chair: Lina Martinez, Ester Cerin Room: <i>Garbi 2</i>
10:00-10:15	[O13.01] The Jerusalem railroad park: Focusing the urban mind on health, social justice, inclusiveness and governance I. Greenshtein ^{1,2} , O. Keidar ^{1,2} , D. Chinitz ¹ , ¹ The Hebrew University of Jerusalem, Israel, ² Hadassah Medical Center, Israel	[O14.01] Countering negative impacts of traffic congestion and safety to future land use planning D.C. Chimba ¹ , G.B. Mbatta ² , ¹ Tennessee State University, USA, ² Ardhi University, Tanzania	[O15.01] Active living environments, physical activity and health of Canadians N.A. Ross ¹ , T. Herrmann ¹ , S. Hajna ² , K. Dasgupta ¹ , R. Wasfi ³ , ¹ McGill University, Canada, ² University of Cambridge, UK, ³ University of Montreal, Canada
10:15-10:30	[O13.02] Man-nature relationship measurement scale and index for indigenous communities in Indian urban context H.S. Lakra*, P. Garg, <i>Indian Institute of Technology Roorkee, India</i>	[O14.02] Future mobility in urban transition - Systems engineering and data analytics linking urban transport innovation, air pollution, and health H.O. Gao, <i>Cornell University, USA</i>	[O15.02] The influence of a schoolyard intervention on children's subjective well-being in a Bangladeshi primary school M. Khan ¹ , S. Bell ² , ¹ University College London, UK, ² University of Edinburgh, UK
10:30-10:45	[O13.03] Children's mobility and environmental exposures in urban landscapes in Scotland: A prospective nationally representative study J.R. Olsen*, R. Mitchell, P. McCrorie, A. Ellaway, <i>University of Glasgow, UK</i>	[O14.03] Urban rail transit development in China: City growth inducement and travel mode substitution in medium-sized cities G. Sun, <i>Department of Urban Planning and Design, The University of Hong Kong, China</i>	[O15.03] Using Google Street View to investigate the link between urban built environment and violent crime L. He ¹ , A. Paez ² , D. Liu ³ , ¹ Xi'an Jiaotong University, China, ² McMaster University, Canada, ³ The Ohio State University, USA
10:45-11:00	[O13.04] Growing up in Beijing: Children's urban environmental experiences in the historic protected central area P. Tang, <i>University of Sheffield, UK</i>	[O14.04] Understanding leisure travel behavior in the spatial mismatch approach to life-course Y.J. Jang, <i>University of Seoul, Republic of Korea</i>	[O15.04] Obesity, mental and physical health and physical activity: Evidence of a middle-income city in Colombia L. Martinez, <i>Universidad Icesi, Colombia</i>
11:00-11:30	Refreshment Break Room: Tramuntana 1		

11:30-13:00	Session 16: Urban Challenges Session Chair: Cristina Garcia, Oriol Marquet Room: Tramuntana 2&3	Session 17: Healthy Transport Planning Session Chair: Kirsty Wild Room: Garbi 1	Session 18: Blue Health Project Session Chair: Matthias Braubach, Susanne Wuijts Room: Garbi 2
11:30-11:45	<p>[O16.01] How can we learn from urban crisis? Innovation, flexibility and urban knowledge transfer K. Hoelscher*¹, H.C. Geirbo², L. Harboe³, S.A. Petersen⁴, ¹PRIO, Norway, ²University of Oslo, Norway, ³Oslo School of Architecture and Design, Norway, ⁴SINTEF, Norway</p>	<p>[O17.01] The impacts of the planned environment on activity levels of primary and middle school children in China J.K. Zacharias, <i>Peking University, China</i></p>	<p>[O18.01] Health benefit assessment of community urban riverside regeneration in Barcelona (BlueHealth project) C. Vert*^{1,2}, M.J. Nieuwenhuijsen^{1,2}, M. Gascon^{1,2}, J. Grellier^{4,5}, L.E. Fleming⁴, M.P. White⁴, D. Rojas-Rueda^{1,2}, ¹ISGlobal, Spain, ²Universitat Pompeu Fabra, Spain, ³CIBER Epidemiología y Salud Pública (CIBERESP), Spain, ⁴European Centre for Environment and Health, University of Exeter Medical School, UK, ⁵Imperial College, UK</p>
11:45-12:00	<p>[O16.02] Slum dwellers determinants of residential location choices in Lagos mega city O.S. Badmos*^{1,4}, D. Callo-Concha¹, A. Rienow², B. Agbola³, K. Greve⁴, C. Jürgens², ¹Centre for Development Research, Germany, ²University of Bochum, Germany, ³University of Ibadan, Nigeria, ⁴University of Bonn, Germany</p>	<p>[O17.02] City and wellness: An operational tool for urban regeneration practices A. Plaisant*, S. Unali, <i>University of Sassari, Italy</i></p>	<p>[O18.02] Urban riverside regeneration: A pre/post evaluation of park-use and well-being of the local population (BlueHealth project) C. Vert*^{1,2}, G. Carrasco^{1,2}, W. Zijlema^{1,2}, A. Espinosa^{1,2}, J. Litt⁴, M.J. Nieuwenhuijsen^{1,2}, M. Gascon^{1,2}, ¹ISGlobal, Spain, ²Universitat Pompeu Fabra, Spain, ³CIBER Epidemiología y Salud Pública (CIBERESP), Spain, ⁴Colorado School of Public Health, USA</p>
12:00-12:15	<p>[O16.03] Root-cause behind poor public-sanitation: A case of developing country R. Biswas*, K. Arya, S. Deshpande, <i>Indian Institute of Technology Bombay, India</i></p>	<p>[O17.03] Shaping decision: Influencing health behaviour through spatial planning D. Masterson*, M. Linscott, C. Gidlow, J. Kurth, <i>Staffordshire University, UK</i></p>	<p>[O18.03] Scenario building for healthy blue cities H.B.M. Hilderink*, S. Wuijts, L. Dirven-van Breemen, <i>RIVM, The Netherlands</i></p>
12:15-12:30	<p>[O16.04] Smart and sustainable? Positioning climate action in the European smart city C. Garcia*, D. Peek, <i>Universidad Complutense de Madrid, Spain</i></p>	<p>[O17.04] A cost benefit analysis of an active travel intervention with health and carbon emission reduction benefits R. Chapman^{1,2}, M. Keall^{3,2}, P. Howden-Chapman^{3,2}, M. Grams¹, K. Witten^{4,2}, E. Randal*^{3,2}, A. Woodward^{5,2}, ¹Victoria University of Wellington, New Zealand, ²NZ Centre for Sustainable Cities, New Zealand, ³University of Otago, New Zealand, ⁴Massey University, New Zealand, ⁵University of Auckland, New Zealand</p>	<p>[O18.04] Establishing a BlueHealth decision support tool to increase health and wellbeing benefits M. Braubach*, A. Diener, M. Martuzzi, <i>WHO European Centre for Environment and Health, Germany</i></p>

12:30-12:45	[O16.05] Scenario's for societal pathways to future cities and transport D. Hamers, D. Snellen*, J. Tennekes, K. Nabilek, L. van den Broek, A. van Hoorn, <i>Netherlands Environmental Assessment Agency, The Netherlands</i>	[O17.05] Urban environment and pedestrian accidents. A cross-sectional study T. Congiu*, M. Dettori, P. Castiglia, <i>University of Sassari, Italy</i>	[O18.05] Headline findings from a harmonised 18-country survey examining leisure-time interactions with blue spaces and their effects on health and well-being L.R. Elliott* ¹ , M.P. White ¹ , J. Grellier ¹ , J.K. Garrett ¹ , B.W. Wheeler ¹ , M.A. van den Bosch ² , N. Weinstein ³ , K.J. Wyles ⁴ , M.C.S. Wong ⁵ , C. Leung ⁵ , ¹ European Centre for Environment and Human Health, University of Exeter, UK, ² University of British Columbia, Canada, ³ Cardiff University, UK, ⁴ University of Surrey, UK, ⁵ The Chinese University of Hong Kong, Hong Kong
12:45-13:00	[O16.06] Listener centred soundscape for high density environments R. Dyer*, M. Dyer, <i>University of Waikato, New Zealand</i>	[O17.06] Make way for active transport: Opportunities to change travel behaviour B. Staatsen* ¹ , H. Kruize ¹ , N. Vliet van der ¹ , R. Bell ² , G. Morris ³ , T. Taylor ³ , V. Maca ⁴ , M. Romeo-Velilla ⁵ , ¹ National Institute for Public Health and the Environment (RIVM), The Netherlands, ² Institute of Health Equity, UCL, UK, ³ University of Exeter, UK, ⁴ Charles University Environment Centre, Czech Republic, ⁵ EuroHealthNet, Belgium	[O18.06] Governance of urban water quality for a healthy environment S. Wuijts* ^{1,2} , L. Friederichs ¹ , ¹ RIVM, The Netherlands, ² Utrecht University, The Netherlands
13:00-14:00	Lunch Room: Noray Restaurant		
14:00-15:00	Poster Session 2 Room: Tramuntana 1		
15:00-16:00	Session 19: Quantifying Cities Session Chair: Matan Mayer, Chris Rogers Room: Tramuntana 2&3	Session 20: Assessments and Evaluations Session Chair: Jenny Mindell, Deo Chimba Room: Garbi 1	Session 21: Noise and Heat Session Chair: Luis Inostroza, Patrick Kinney Room: Garbi 2
15:00-15:15	[O19.01] Towards automated carbon footprinting of urban districts M. Mayer, <i>IE University, Spain</i>	[O20.01] An assessment of level of importance and satisfaction of auto rikshaw users in mid-sized city in India S. Sinha*, S. Sadhukhan, S. Kumar, <i>National Institute of Technology Patna, India</i>	[O21.01] Smart sensing of multiple environmental stressors and individual perception - A study about cyclist's everyday personal exposure M. Ueberham* ¹ , U. Schlink ¹ , U. Weiland ² , ¹ Helmholtz Centre for Environmental Research, Germany, ² University of Leipzig, Germany
15:15-15:30	[O19.02] Air quality and health co-benefits of carbon mitigation strategies for the transport sector in cities A. Calderon-Irazoque*, T. Oxley, H. ApSimon, A. de Nazelle, <i>Imperial College London, UK</i>	[O20.02] Assessing and valuing the barrier effect of busy roads on local communities J.S. Mindell*, P. Anciaes, A. Dhanani, J. Stockton, S. Boniface, P. Jones, L. Vaughan, S. Scholes, M. Haklay, N. Groce, <i>UCL (University College London), UK</i>	[O21.02] A heat vulnerability index: Spatial patterns of exposure, sensitivity and adaptive capacity for Santiago de Chile L.I. Inostroza* ^{1,2} , M.P. Palme ³ , F.B. de la Barrera ⁴ , ¹ Ruhr University Bochum, Germany, ² Universidad Autonoma de Chile,

			Chile, ³ Universidad Catolica del Norte, Chile, ⁴ Pontificia Universidad Católica de Chile, Chile
15:30-15:45	[O19.03] The changing dynamics of commuting patterns: A study of a neighbourhood S. Nambram*, A. Jana, K. Narayanan, <i>Indian Institute of Technology Bombay, India</i>	[O20.03] Virtually-experiential walkability evaluation for walking satisfaction and willingness K. Nakamura, <i>Meijo University, Japan</i>	[O21.03] Behind the temperature-related mortality in a subtropical urban area: A cluster analysis approaching S-C. Hsu*, I. Hamilton, A. Mavrogianni, A. O'Sullivan, <i>University College London, UK</i>
15:45-16:00	[O19.04] Healthy airports: Harnessing transformational infrastructure as an engine for health E. de Leeuw* ^{1,2} , R. Freestone ² , A. Crimeen ^{1,2} , A. Reid ^{1,3} , ¹ Centre for Health Equity Training, Research and Evaluation, Australia, ² University of New South Wales, Australia, ³ South Western Sydney Local Health District, Australia	[O20.04] Early research results from Te Ara Mua-Future Streets A. Macmillan* ¹ , H. Mackie ² , J. Hosking ³ , K. Witten ⁴ , M. Smith ³ , A. Field ⁶ , A. Woodward ³ , B. van der Werf ³ , P. Baas ⁵ , ¹ University of Otago, New Zealand, ² Mackie Research, New Zealand, ³ University of Auckland, New Zealand, ⁴ Massey University, New Zealand, ⁵ TERNZ, New Zealand, ⁶ Dovetail Consulting, New Zealand	[O21.04] The spatial association between traffic noise and incident cardiometabolic disease in a large cohort of African-American women M. Jerrett* ¹ , E. Lee ² , P. Coogan ³ , ¹ UCLA, USA, ² Stanford University, USA, ³ Boston University, USA
16:00-16:30	Refreshment Break Room: Tramuntana 1		
16:30-17:30	Session 22: Equity in Cities Session Chair: Matluba Khan Room: Tramuntana 2&3	Session 23: Design and Digital Session Chair: Tom Dolan, Maja Karoline Rynning Room: Garbi 1	Session 24: Green Space and Health Session Chair: Carmen de Keijzer, Nadja Kabisch Room: Garbi 2
16:30-16:45	[O22.01] Determining the health benefits of green space: Does gentrification matter? H.V.S. Cole* ^{1,2} , J.T.T. Connolly ^{1,2} , M. Triguero-Mas ^{1,2} , I. Anguelovski ^{1,2} , ¹ Universitat Autònoma de Barcelona, Spain, ² IMIM, Spain	[O23.01] Designing for walkability: Insights from practice on the role of mobility in a design project M.K. Rynning, <i>Institute of Transport Economics, Norwegian Centre for Transportation Research, Norway</i>	[O24.01] Urban green or urban form? Exploring the effects of urban form on health at neighbourhood scale in the Ruhr region, Germany L.I. Inostroza* ^{1,2} , H.Z. Zepp ¹ , S.M. Moebus ³ , R.S. Sutcliffe ³ , S.A. Ahmed ³ , ¹ Ruhr University Bochum, Germany, ² Universidad Autónoma de Chile, Chile, ³ Universitätsklinikum Essen, Germany
16:45-17:00	[O22.02] Framework for evaluating behaviour change in response to multi-sectoral interventions in diverse urban settings M. Khan*, R. Bell, <i>University College London, UK</i>	[O23.02] Resilience impacts of the digital transformation of infrastructure T. Dolan* ¹ , B.S. Collins ¹ , C.D.F. Rogers ² , ¹ University College London, UK, ² University of Birmingham, UK	[O24.02] Who has access to urban nature? A distributional green equity analysis in 10 US cities L. Nesbitt*, M.J. Meitner, C. Girling, S.R.J. Sheppard, <i>University of British Columbia, Canada</i>

17:00-17:15	<p>[O22.03] Community Health After Neighborhood Transformation (CHANT): A mixed method case study of the transformation of public housing in San Francisco, CA</p> <p>L. Dubbin*¹, E.E. Kersten¹, L. Mamo², I.H. Yen³, ¹University of California, San Francisco, USA, ²San Francisco State University, USA, ³University of California, Merced, USA</p>	<p>[O23.03] The use, pervasiveness, availability, and validation of digital data sources for travel behavior research: A case study of bicycling in Berlin</p> <p>R.M. Medeiros^{1,2}, ¹Technische Universität Berlin, Germany, ²Pontifícia Universidade Católica, Brazil</p>	<p>[O24.03] Exposure to green and blue spaces and the decline in physical functioning in older adults of the Whitehall II cohort</p> <p>C. de Keijzer*^{1,2}, C. Tonne^{1,2}, S. Sabia^{4,5}, X. Basagaña^{1,2}, A. Valentin^{1,2}, A. Singh-Manoux^{4,5}, J.M. Antò^{1,2}, J. Alonso Caballero^{6,2}, M.J. Nieuwenhuijsen^{1,2}, J. Sunyer^{1,2}, P. Dadvand^{1,2}, ¹ISGlobal, Spain, ²Universitat Pompeu Fabra, Spain, ³CIBER Epidemiología y Salud Pública, Spain, ⁴INSERM, France, ⁵University College of London, UK, ⁶IMIM, Spain</p>
17:15-17:30	<p>[O22.04] Polluters vs. exposed population to traffic-related air pollution – Equity implications in the metropolitan area of Barcelona</p> <p>M. Garcia-Sierra*, E. Domene, M. Pons, R. Puig, IERMB, Spain</p>	<p>[O23.04] A methodology to evaluate the pedestrian accessibility to bus stops. Application and analysis of results from the study case of Nomentano district in Rome</p> <p>M.V. Corazza*, N. Favaretto, Sapienza University of Rome, Italy</p>	<p>[O24.04] How green is green? A new metric of urban greenness exposure in public health research</p> <p>L. Nesbitt*¹, M. Andreani¹, I. Jarvis¹, X. Li², C. Ratti², I. Seiferling², P. Villeneuve³, M. van den Bosch¹, ¹University of British Columbia, Canada, ²Massachusetts Institute of Technology, USA, ³Carleton University, Canada</p>
19:00-22:00 Conference Dinner (Optional Ticketed Event) Can Laury Restaurant			

Tuesday 27 November 2018

08:00-09:00	Early Morning Session 7: How Do We Choose the Stakeholders for Urban Transitions? James Connoly, <i>ICTA UAB, Spain</i>	Early Morning Session 8: Meet the Editors - Journal of Transport and Health Jenny Mindell ¹ , Chris Pringle ² , ¹ <i>UCL (University College London), UK</i> , ² <i>Elsevier Ltd, UK</i> ,	Early Morning Session 9: Monetizing Health and Other Benefits of <u>Transportation Investment and Policies</u> Haneen Khreis ¹ , Larry Frank ² , ¹ <i>Texas A&M Transportation Institute, USA</i> , ² <i>Urban Design 4 Health, Inc., USA</i>
Room:	Tramuntana 2&3		
09:00-09:30	[KEY5] Planning and health: Stepping into action <i>Audrey de Nazelle, Imperial College London, UK</i>		
09:30-10:00	[KEY6] Global urbanization and the emergence of urban science <i>Luis Bettencourt, University of Chicago, USA</i>		
10:00-11:00	Session 25: Social Impacts and Translation Session Chair: Carolyn Daher Room: Tramuntana 2&3	Session 26: Greening of Cities Session Chair: Mike Jerrett Room: Garbi 1	Session 27: Neighbourhoods, Walking, Physical Activity and Health Session Chair: Alison Carver Room: Garbi 2
10:00-10:15	[O25.01] Urban and transport planning as strategic opportunities for public health: Translating the evidence and engaging stakeholders <i>C. Daher*, M. Nieuwenhuijsen, ISGlobal, Spain</i>	[O26.01] Climate resilience for whom? Towards a stronger citizen participation for greening the city of Vienna <i>T. Tötzer*¹, K. Hagen², B. Gasienica-Wawrytko³, ¹AIT Austrian Institute of Technology GmbH, Austria, ²Technical University of Vienna, Austria, ³Technical University of Vienna, Austria</i>	[O27.01] Objectively-assessed neighbourhood characteristics and within-neighbourhood walking for transport among older residents of an Asian ultra-dense metropolis <i>E. Cerin*^{1,2}, C. Zhang², C. Sit³, P-C. Lai², R. Lee⁴, A. Barnett¹, ¹Australian Catholic University, Australia, ²The University of Hong Kong, Hong Kong, ³Chinese University of Hong Kong, Hong Kong, ⁴Department of Health, Hong Kong</i>
10:15-10:30	[O25.02] Planning for future resilience in sub-Saharan African cities using learning and stakeholder approaches <i>B. Mwalukanga*¹, K. Iipinge², P. Nyanga¹, L. Van Rooyen², R. Mamombe², ¹University of Zambia, Zambia, ²University of Ethikwini, South Africa</i>	[O26.02] A new model to analyse spatial strategies and incentive schemes for green urban development <i>J. Li*, T. Arentze, I. Ossokina, Eindhoven University of Technology, The Netherlands</i>	[O27.02] Evaluation of the superblocks programme in Barcelona: Impact on physical activity and sedentary behaviour <i>A. Puig-Ribera*¹, I. Arumí-Prat¹, M. Solà¹, A. Codina¹, B. Biaani², L. Palència², C. Pérez², ¹University of Vic-Central University of Catalonia, Spain, ²Agència de Salut Pública de Barcelona, Spain</i>
10:30-10:45	[O25.03] Who is mixed in a complete neighbourhood? A case study of Halifax North End, Canada <i>M. Terashima*, A. Totten, Dalhousie University, Canada</i>	[O26.03] Impact of urbanization on urban heat island in Asian cities: A comparative atmospheric modelling approach of four cities <i>D. Maheng*^{1,2}, A. Pathirana¹, I. Duction¹, H. Chen¹, C. Zevenbergen^{1,2}, ¹IHE Delft, Institute for Water Education, The</i>	[O27.03] Investigating the environmental, health, social and equity effects of urban regeneration: Longitudinal results from a natural experiment <i>R.F. Hunter*, M.A. Tully, T. Kearney, A. Gough, D. Adlakha, C. Cardwell, F. Kee, Queen's University Belfast, UK</i>

		<i>Netherlands, ²Delft University of Technology, The Netherlands</i>	
10:45-11:00	[O25.04] Social transformation and violence reduction in Cape Town, South Africa- Is a transit-driven approach the answer? Lessons from Medellin's social urbanism programme M. Brown-Luthango, <i>University of Cape Town, South Africa</i>	[O26.04] Are characteristics of leaves to be considered in the urban tree selection to maximise particulate matter removal? K. Corada*, A. de Nazelle, N. Bell, <i>Imperial College London, UK</i>	[O27.04] Methodology for observing physical activity of boys and girls in schools M.A. Hermida*, M. Cárdenas, R. Pintado, A. Ochoa-Avilés, <i>Universidad de Cuenca, Ecuador</i>
11:00-11:30	Refreshment Break Room: Tramuntana 1		
11:30-13:00	Session 28 Sustainability and Resilience Session Chair: Wenjian Pan Room: <i>Tramuntana 2&3</i>	Session 29: Urban Design, Accessibility and Mobility Session Chair: Ester Cerin Room: <i>Garbi 1</i>	Session 30: Health Impact Assessment Session Chair: Henk Hilderink Room: <i>Garbi 2</i>
11:30-11:45	[O28.01] The circularity of the urban ecosystem material productivity: The transformation of biomass into technomass in Southern Patagonia L.I. Inostroza, <i>Ruhr University Bochum, Germany</i>	[O29.01] Urban structure, commuting burden and productivity of urban labour markets in an Australian city T. Li*, J. Dodson, X. Goldie, <i>RMIT University, Australia</i>	[O30.01] Estimated health benefits of on-road transportations without tail-pipe emissions in the city of Malmö, Southern Sweden E. Malmqvist* ¹ , E. Lisberg Jensen ² , K. Westerberg ² , E. Strohm ¹ , R. Rittner ¹ , M. Spanne ⁴ , S. Gustafsson ⁴ , H. Nilsson ⁴ , A. Oudin ^{3,1} , ¹ <i>Lund University, Sweden</i> , ² <i>Malmö University, Sweden</i> , ³ <i>Umeå University, Sweden</i> , ⁴ <i>City of Malmö, Sweden</i>
11:45-12:00	[O28.02] Sustainable, resilient and liveable cities - Realising the aspiration C.D.F. Rogers*, J.M. Leach, D.V.L. Hunt, <i>University of Birmingham, UK</i>	[O29.02] Insights into the impacts of bus rapid transit on the transformation of urban fabric of Lahore city A. Adeel* ^{1,2} , K. Scheerlinck ¹ , A. Yasar ² , ¹ <i>Katholieke Universiteit Leuven (KU Leuven), Belgium</i> , ² <i>Transportation Research Institute (IMOB), Hasselt University, Belgium</i>	[O30.02] Health impacts of bike sharing systems in Europe D. Rojas-Rueda*, M. Nieuwenhuijsen, I. Otero, <i>ISGlobal, Spain</i>
12:00-12:15	[O28.03] High-density mid-rise or low-density high-rise: A comparative environmental analysis of urban villages and modern urban neighbourhoods in Shenzhen, China W.J. Pan*, J. Du, <i>The University of Hong Kong, Hong Kong</i>	[O29.03] An analysis of the effect of a transition from an auto overpass to a pedestrian overpass in a regional commercial area Y.S. An*, S.M. Jang, D.J. Kim, <i>University of Seoul, Republic of Korea</i>	[O30.03] An integrated modelling approach to assess impacts of a city with fully electric transport H.B.M. Hilderink*, G.J. Kommer, <i>RIVM, The Netherlands</i>
12:15-12:30	[O28.04] The make-up of experiences in different urban environments – A new perspective on urban resilience K. Samuelsson* ¹ , S. Barthel ^{1,2} , J. Colding ^{1,3} , ¹ <i>University of Gävle, Sweden</i> , ² <i>Stockholm University, Sweden</i> , ³ <i>Royal Academy of Sciences, Sweden</i>	[O29.04] Effective speed and access to opportunities: Revealing social accessibility conditions in Lisbon D. Vale, <i>University of Lisbon, Lisbon School of Architecture, CIAUD, Portugal</i>	[O30.04] Socioeconomic inequalities in urban and transport planning related exposures and mortality: A health impact assessment study for Bradford, UK N. Mueller* ^{1,2} , D. Rojas-Rueda ^{1,3} , H. Khreis ^{1,4} , M. Cirach ^{1,2} , A. Espinosa ^{1,2} , C. Milà ^{1,2} , M. Foraster ^{1,5} , R. McEachan ⁶ , B. Kelly ⁶ , J. Wright ⁶ ,

			¹ ISGlobal, Spain, ² Universitat Pompeu Fabra (UPF), Spain, ³ CIBER Epidemiología y Salud Pública (CIBERESP), Spain, ⁴ Texas A&M Transportation Institute (TTI) and Center for Advancing Research in Transportation Emissions, Energy, and Health (CARTEEH), USA, ⁵ Blanquerna School of Health Sciences, Universitat Ramon Llull, Spain, ⁶ Bradford Institute for Health Research, Bradford, UK
12:30-12:45	[O28.05] Key factors in the environmental public policy of a city L.C. Ortigueira-Sánchez*, D. Gómez-Selemeneva, <i>Universidad del Pacífico, Peru</i>	[O29.05] Assessing the impact of the introduction of fees and women-only days in parks in Bahrain J. Pinelo Silva, <i>University of Bahrain, Bahrain</i>	[O30.05] The relation between heart disease with neighbourhood walkability, physical activity and air pollution in Sydney, Australia G. Morgan*, S. Pit, M. Rolfe, I. Hanigan, E. Jegasothy, D. Mayne, <i>The University of Sydney, Australia</i>
12:45-13:00	[O28.06] The INHERIT model: A tool to jointly improve health, environmental sustainability and health equity through behaviour and lifestyle change N. Van der Vliet ¹ , B.A.M. Staatsen ^{*1} , G. Morris ² , C. Costongs ³ , H. Kruize ¹ , J. Schuit ⁴ , ¹ National Institute for Public Health and the Environment, <i>The Netherlands</i> , ² University of Exeter, <i>UK</i> , ³ EuroHealthNet, <i>Belgium</i> , ⁴ Tilburg University, <i>The Netherlands</i>	[O29.06] Applying participatory tools in transdisciplinary approach to health and planning. Case of Makeni, Sierra Leone L. Perea ^{*1} , J. Arana ¹ , C. Abella ¹ , X. Santos ¹ , J. Martin ¹ , J. Ros ¹ , A. Salas ¹ , ¹ San Pablo CEU University, <i>Spain</i> , ² University of Makeni, <i>Sierra Leone</i>	[O30.06] A health impact assessment study for the Barcelona 'superblock' model N. Mueller ^{*1,2} , D. Rojas-Rueda ^{1,3} , H. Kreis ^{1,4} , M. Circa ^{1,2} , K. Pérez ⁵ , X. Bartoll ⁵ , C. Echave ⁶ , J. Palou ⁶ , B. Cormenzana ⁶ , S. Rueda ⁶ , ¹ ISGlobal, <i>Spain</i> , ² Universitat Pompeu Fabra (UPF), <i>Spain</i> , ³ CIBER Epidemiología y Salud Pública (CIBERESP), <i>Spain</i> , ⁴ Texas A&M Transportation Institute (TTI) and Center for Advancing Research in Transportation Emissions, Energy, and Health (CARTEEH), <i>College Station, USA</i> , ⁵ Agència de Salut Pública de Barcelona, <i>Spain</i> , ⁶ Agència d'Ecologia Urbana de Barcelona (BCN Ecologia), <i>Spain</i>
13:00-14:00	Lunch Room: Noray Restaurant		
14:00-15:00	Poster Session 3 Room: Tramuntana 1		
15:00-16:00	Session 31: Cities and Livability Session Chair: Alessandro Plaisant, Liudmila Liutsko Room: Tramuntana 2&3	Session 32: Nature-based Solutions Session Chair: Edoardo Croci Room: Garbi 1	Session 33: Mobility and Health Session Chair: Ruth Hunter Room: Garbi 2
15:00-15:15	[O31.01] Impacts of residential multi-locality on urban infrastructure and social cohesion C. Hille*, M. Gather, <i>Erfurt University of Applied Sciences, Germany</i>	[O32.01] Public Transport Accessibility indicator for urban development at Barcelona's Metropolitan Area J. Recio*, L. Pretel, J. Ortigosa <i>Area Metropolitana de Barcelona, Spain</i>	[O33.01] Access to healthy food and mobility: Quantitative and qualitative insights from Chile J-A. Carrasco ¹ , C. Rojas ^{*1} , P. Jiron ² ,

			M. Widener ³ , ¹ Universidad de Concepcion, Chile, ² Universidad de Chile, Chile, ³ University of Toronto, Canada
15:15-15:30	[O31.02] A comparison study between Google Street View and on-site visiting to audit neighbourhood environment's walkability R. Rafie Manzelat*, D. Valeri, D. D'Alessandro, Sapienza University of Rome, Italy	[O32.02] Adopt a green spot in Milan - A business model case study for nature-based solutions implementation E. Croci*, B. Lucchitta, IEFE - Bocconi University, Italy	[O33.02] Health consequences of transport patterns in New Zealand's largest cities C. Shaw ¹ , E. Randal* ¹ , M. Keall ¹ , A. Woodward ² , ¹ University of Otago, New Zealand, ² University of Auckland, New Zealand
15:30-15:45	[O31.03] City and gentrification: Urban liveability requirements for improving cities and social life A. Plaisant*, A. Sulas, University of Sassari, Italy	[O32.03] Multi-layer planting system as a nature-based solution for the urban high-rise setting R. Prihatmanti*, N. Taib, Universiti Sains Malaysia, Malaysia	[O33.03] Quantifying the environmental life cycle impacts of alternative transportation modes in Qatar F.E. Al-Thawadi*, Y.W. Weldu, S.G. Al-Ghamdi, Hamad Bin Khalifa University, Qatar Foundation, Qatar
15:45-16:00	[O31.04] Effect of reutilizing building demolition sites focusing on block-level livability in large housing estates of Berlin H. Baba* ¹ , B.B. Walker ² , Y. Asami ¹ ¹ The University of Tokyo, Japan, ² Humboldt University of Berlin, Germany	[O32.04] Urban fabrics and accessibility effects on biodiversity conservation of the urban wetland C. Rojas* ¹ , J. Pino ² , E. Sepúlveda ³ , S. Díaz ¹ , J. Munizaga ¹ , ¹ Universidad de Concepción, Chile, ² Universidad Autónoma de Barcelona, Spain, ³ Pontificia Universidad Católica de Chile, Chile	[O33.04] A transdisciplinary systematic review of associations of high-rise residential buildings with social interaction and mental health P. Barros ¹ , L. Ng Fat ² , L.M.T. Garcia ³ , A.D. Slovic ⁴ , N. Thomopoulos ⁵ , T.H. de Sá ⁴ , P. Morais ⁶ , J.S. Mindell* ² , ¹ Federal University of Minas Gerais, Brazil, ² UCL, UK, ³ Oswaldo Cruz Foundation, Brazil, ⁴ University of São Paulo, Brazil, ⁵ University of Greenwich, UK, ⁶ Universidade de Belo Horizonte, Brazil
16:00-16:30	Refreshment Break Room: Tramuntana 1		
16:30-17:30	Session 34: Modelling and Quantifying Cities Session Chair: Tianzhen Hong Room: Tramuntana 2&3	Session 35: Future in Transport Planning Session Chair: Bert van Wee Room: Garbi 1	Session 36: Green Space, Walking and Health Session Chair: Guillem Vich, Mare Löhms Room: Garbi 2
16:30-16:45	[O34.01] Urban transport and accessibility: The important factors of older adults' mobility M. Zandieh*, F. Karimi, Imam Khomeini International University (IKIU), Iran	[O35.01] Rethinking accessibility of public transportation in new town: Case study of Shanghai and Hong Kong S.S. Wu* ¹ , Y. Zhuang ¹ , W. Wang ² , Y.X. Bai ² , ¹ Tongji University, China, ² City University of Hong Kong, Hong Kong	[O36.01] Physical activity at schools: Is green or grey better? M.A. Hermida*, D. Pardo, D. Quizhpe, A. Ochoa-Avilés, Universidad de Cuenca, Ecuador

16:45-17:00	<p>[O34.02] Urban modeling to evaluate building energy retrofit and renewable energy potential T. Hong*, Y. Chen, X. Luo, H. Li, Lawrence Berkeley National Laboratory, USA</p>	<p>[O35.02] The integration of landscape expertise in transport planning S. Löfgren, Luleå University of Technology, Sweden</p>	<p>[O36.02] Environmental and individual psychological factors influencing older adults' physically active everyday mobility T.E. Laatikainen*¹, M. Haybatollahi², M. Kyttä¹, ¹Aalto University, Finland, ²University of Helsinki, Finland</p>
17:00-17:15	<p>[O34.03] Sustainability under threat – New York City's disappearing middle and its growing housing crisis C. Ong Blukis, The City University of New York, Brooklyn College, USA</p>	<p>[O35.03] Evaluation of a MaaS decision-support tool in metropolitan areas: Modelling use intentions I. Lopez-Carreiro*, A. Monzon, G. Velazquez, Universidad Politécnica de Madrid, Spain</p>	<p>[O36.03] Green streetscape and health: Exploring the physical activity benefits of walking in dense and compact cities G. Vich*, X. Delclòs-Alió, C. Miralles-Guasch, Universitat Autònoma de Barcelona, Spain</p>
17:15-17:30		<p>[O35.04] Lifestyle-specific mobility preferences: integrating social and environmental determinants for walkability assessments of urban neighbourhoods S. Fina, Research Institute for Regional and Urban Development, Germany</p>	<p>[O36.04] The influence of macro built environment attributes on older adults' outdoor walking levels R. Zandieh*^{1,3}, J. Flacke¹, J. Martinez¹, P. Jones², M. van Maarseveen¹, ¹University of Twente, The Netherlands, ²University of Birmingham, UK, ³Now, Lecturer at the University of Manchester, UK</p>
17:30-17:45	Closing Remarks Room: Tramuntana 2&3		