



**Tartu 25.-29.07.2022**

**AESOP ANNUAL CONGRESS**

**Space for Species:**

**Redefining Spatial Justice**

BOOK OF ABSTRACTS

|  |    |
|--|----|
| KEYNOTE SPEAKERS .....   | 58 |
| Place-based approach in participatory planning and in transactional study of person-environment relationship .....                   | 58 |
| Marketta Kyttä .....   | 58 |
| Aalto University .....   | 58 |
| Living in Harmony with Nature: Creating Harmonious Communities for People and for Nature .....                                       | 60 |
| Dr Wei Yang.....   | 60 |
| FACSS FRTPI, Chair of Wei Yang & Partners, UK .....  | 60 |
| Income Inequality and Segregation between Occupational Groups .....  | 61 |
| Tiit Tammaru .....   | 61 |
| Professor of Urban and Population Geography, University of Tartu Research professor, Estonian Academy of Sciences .....              | 61 |
| TRACK 1: PLACES.....   | 62 |
| 85320 .....  | 62 |
| Distributed working: opportunities and challenges for contemporary neighborhood, city, and regional planning .....                   | 62 |
| Manju Adikesavan .....   | 62 |
| 84439 .....  | 64 |
| People-place bonding as an approach for behaviour analysis in city development .....   | 64 |
| Mai Ahmed <sup>1</sup> ; Abdelrahman, Asmaa <sup>2</sup> .....   | 64 |
| 84537 .....  | 66 |
| Mapping Identity: Find the socio-ecological glue for place making .....  | 66 |
| Fátima Bernardo <sup>1,2</sup> , Isabel Loupa Ramosa <sup>2</sup> , Veerle Eetveldec <sup>3</sup> .....                              | 66 |
| 85062 .....  | 68 |
| Understanding students' place attachment in the case of a newly built university neighbourhood ....                                  | 68 |
| Joe Birsens.....   | 68 |
| 85039 .....  | 70 |
| An infrastructural approach to urban design - Creating room for improvised activities and social interaction in public space .....   | 70 |
| Lina Naoroz Bråten.....  | 70 |
| 85226 .....  | 72 |
| The road, from a mobility space to a new place for socializing. The case of measures for temporary squares and dehors in Italy ..... | 72 |
| Antonella Bruzzese .....   | 72 |

|  |    |
|--|----|
| 84262 .....  | 74 |
| Heap Development in the Ruhr Metropolis - The 'mountains of the Ruhr' as places of identity .....                            | 74 |
| Anne Budinger; Karulska, Olivia; Schmitt, Hanna C.; Wenning, Tino; Ze, Maria .....   | 74 |
| 84689 .....  | 76 |
| Spatial assessment of Indian Religious Street: A study of streets of Udupi .....   | 76 |
| Komal Jaiswal, Tanya Verma .....   | 76 |
| 84428 .....  | 77 |
| Measuring GI multifunctionality .....  | 77 |
| Maria Korkou; Tarigan, Ari K.M. <sup>1</sup> ; Hanslin, Hans-Martin <sup>2</sup> .....                                       | 77 |
| 84888 .....  | 79 |
| Working from place and potential: reconsidering the role of public space in regenerative development and design .....        | 79 |
| Karina Landman .....   | 79 |
| 84889 .....  | 80 |
| Building adaptive capacity and evolutionary potential through public space development .....                                 | 80 |
| Karina Landman .....   | 80 |
| 84381 .....  | 81 |
| Role of Public Spaces Between Built Heritage and Living City: the case of Changle Gate in Zhengding, China .....             | 81 |
| Qian Liu; Pezzetti, Laura .....  | 81 |
| 85067 .....  | 83 |
| Sustaining marginal places: site-specific design for reanimating neglected courtyards in post-war urban neighbourhoods ..... | 83 |
| Sitong Luo <sup>1</sup> , Saskai de Wit <sup>2</sup> .....   | 83 |
| 84155 .....  | 85 |
| Singles in Cities: Meaning of Neighborhood and Community Participation among Single Women in Tokyo .....                     | 85 |
| Naka Matsumoto .....   | 85 |
| 84669 .....  | 87 |
| Urban transformation: manifold and multifaceted processes in formerly working-class neighbourhoods of Prague .....           | 87 |
| Adela Petrovic .....   | 87 |
| 85286 .....  | 88 |
| Revealing problems and potentials of public space in the future city: A systematic literature review .                       |    |

|  |     |
|--|-----|
| Mehmet Ronael; Oruç, Gülden Demet, Assoc. Prof. ....   | 88  |
| 85129 .....  | 90  |
| Urban district model in energy transition .....  | 90  |
| Antti Roose .....  | 90  |
| 84545 .....  | 92  |
| Public open and green spaces in industrial large housing estates – places of encounter, adoption and sustainability transformation .....     | 92  |
| Stefanie Rößler, Katja Friedrich .....   | 92  |
| 84505 .....  | 94  |
| Cosmopolitan identity, places and networks .....   | 94  |
| Federica Scaffidi .....  | 94  |
| 84202 .....  | 96  |
| New Language for Open Spaces in the Peripheries .....  | 96  |
| Eva Schwab, Sandra Guinand, Sabine Bauer .....   | 96  |
| 84963 .....  | 98  |
| New urban-rural structures in the pandemic - towards hybridization .....   | 98  |
| Ariane Sept .....  | 98  |
| 85324 .....  | 100 |
| Planning for sustainable place-development – from rituals and indicators to realities and solutions  | 100 |
| Terje Skjeggedal .....   | 100 |
| 84228 .....  | 101 |
| Place Identities of Japanese Social Housing: The role of urban design in creating a “place” .....  | 101 |
| Hanae Soma <sup>1</sup> ; Matsumoto, Naka、 Ph.D. <sup>2</sup> .....  | 101 |
| 85036 .....  | 103 |
| Creative Place making planning for overturn shrinking in Danube cities. The case of Romanian Lower Danube small and medium size cities ..... | 103 |
| Angelica Stan .....  | 103 |
| 84181 .....  | 105 |
| The influence of moral knowledge on urban villages in Shenzhen, China .....  | 105 |
| Diwen Tan; Rocco, Roberto; Bracken, Gregory .....  | 105 |
| 85351 .....  | 107 |
| Placemaking through Participatory Budgeting: Challenges Addressed .....  | 107 |
| Sandra Treija; Bratuškina, Uģis; Koroļova, Alisa .....   | 107 |

|  |     |
|--|-----|
| 84038 .....  | 109 |
| Building the Buzz in Blakelaw: Re-Igniting the Public Realm of Britain’s Peripheral Urban Estates in the ‘New Normal’ .....  | 109 |
| Georgiana Varna <sup>1</sup> , Mr Danny Oswell <sup>2</sup> .....  | 109 |
| 84029 .....  | 111 |
| Operationalizing the concept of ‘liveability’ in urban streets .....   | 111 |
| Jake Wiersma <sup>1</sup> , Bertolini Luca <sup>2</sup> .....  | 111 |
| TRACK 2: CULTURE.....  | 113 |
| 85099 .....  | 113 |
| (re)Calibrating Heritage Between Past, Present, and Future: Reading Al-Jdeideh Post Conflict Transformations in Aleppo, Syria .....                                    | 113 |
| Saeed Asaeed <sup>1</sup> ; Salahieh, Diana <sup>2</sup> ; Jerko, Essam; M.Sc. <sup>3</sup> .....  | 113 |
| 85054 .....  | 115 |
| The Role of Art and Culture in Contested Cities: Cultural Institutions as Socio-Political Actors in East Jerusalem .....   | 115 |
| Nufar Avni <sup>1</sup> , Kaddar, Merav <sup>2</sup> .....   | 115 |
| 85098 .....  | 116 |
| Beyond modernization: aestheticization and artification as cultural and visual transformations of socialist housing estates in Poland .....                            | 116 |
| Malwina Balcerak .....   | 116 |
| 84462 .....  | 117 |
| Cultural practices as spaces of change. Exploring the social impacts of cultural initiatives in 6 European Cities .....  | 117 |
| Irene Bianchi, Grazia Concilio, Ilaria Tosoni .....  | 117 |
| 85333 .....  | 119 |
| Tangible and intangible culture and places in experiential tourism .....   | 119 |
| Vasiliki Birou-Athanasidou, Apostolou Angelina, Yiannakou Athena .....   | 119 |
| 85111 .....  | 121 |
| Development strategies for 'green' urban heritage – urban design heritage conservation as a basis for the sustainable development of the existing building stock ..... | 121 |
| Jana Breßler, Kurth, Detlef .....  | 121 |
| 84852 .....  | 123 |
| Regenerating Namaacha. Envisioning cultural heritage and agro-ecological systems as drivers of sustainable local development in Mozambique .....                       | 123 |
| Alice Buoli, Alessandro Frigerio, Laura Montedoro .....  | 123 |

|   |     |
|---|-----|
| 85369 .....   | 125 |
| Reimagining New Delhi’s Kingsway .....  | 125 |
| Manish Chalana .....  | 125 |
| 84361 .....   | 127 |
| Research on the Evaluation and Improvement of Heritage Community Resilience in the Process of Culture Capital - oriented Regeneration—Exampled Yangliuqing, a National Historical and Cultural Town in Tianjin, China ..... | 127 |
| Bingqian Cheng, Tianjie Zhang .....   | 127 |
| 85357 .....   | 129 |
| Constructing Stronger Peripheries: Comparing Self-Assessed Cultural Activities Impacts Among Cultural Institutions in Europe .....  | 129 |
| Pedro Costa, Perestrelo, Margarida, Perestrelo, Margarida, Tomaz, Elisabete, .....  | 129 |
| 84327 .....   | 131 |
| Assessing the carrying capacity of historic centers, the case of Chania. ....   | 131 |
| Despina Dimelli .....   | 131 |
| 84477 .....   | 133 |
| Actors, networks and ICT technologies: new models of territorial governance for the integrated management and promotion of cultural heritage and landscape tourism .....  | 133 |
| Elena Ferraioli; Magni, Filippo; Appiotti, Federica .....   | 133 |
| 84661 .....   | 135 |
| Retail change and gentrification in an overtourism city. The case of Lisbon .....   | 135 |
| Pedro Guimaraes .....   | 135 |
| 85048 .....   | 137 |
| Actor-Network of Public Space Production - A Platform for Optimizing the Public Space.....  | 137 |
| Rana Habibi <sup>1</sup> , Lieve De Cock <sup>2</sup> .....   | 137 |
| 85145 .....   | 139 |
| Cultural heritage a driver of sustainable development in peripheral region? Observations from Austria .....   | 139 |
| Joern Harfst, Sandriester, Jasmin, .....  | 139 |
| 84529 .....   | 141 |
| A rhythmanalysis approach to understanding the temporality of everyday heritage: The case of Ridley Road Market, London .....   | 141 |
| Shiyuan He .....  | 141 |
| 84594 .....   | 143 |

|  |     |
|--|-----|
| Sustainability beyond tourism: The role of local associations and communities in managing marginalised areas of World Heritage Towns. The case study of Mompox, Colombia. .... | 143 |
| Miguel Hincapie Trivino .....  | 143 |
| 84872 .....  | 144 |
| Response of strategic spatial planning to the growth of urban tourism: Case of Central European cities .....   | 144 |
| David Klepei, Naja Marot .....   | 144 |
| 84925 .....  | 146 |
| Planning, Social Change and Everyday Life .....  | 146 |
| Sabine Knierbein .....   | 146 |
| 84901 .....  | 147 |
| Cultural festivals in Oldambt: Creating a more positive image for a depopulating rural area. ....  | 147 |
| Maarten Koreman .....  | 147 |
| 84485 .....  | 149 |
| Place-based tourism: an exploration of new interpretations of cultural tourism .....   | 149 |
| Manca Krošelj, Marot, Naja, .....  | 149 |
| 85240 .....  | 151 |
| Preservation and exhibition of the bastion zone and the Old Town of Tallinn using a digital twin ....  | 151 |
| Kristiina Kupper <sup>1</sup> , Fabritius, Henna <sup>2</sup> , Mrosła, Laura, Allik, Martin <sup>3</sup> .....  | 151 |
| 84401 .....  | 152 |
| Lignite mining and energy production in Bełchatów industrial region: a threat or opportunity for tourism development?.....   | 152 |
| Katarzyna Leśniewska-Napierała, Marta NALEJ, Tomasz NAPIERAŁA, Iwona PIELESIAK .....   | 152 |
| 84050 .....  | 154 |
| Clear understanding of tourists' spatial cognition for sustainable heritage tourism: A case study of Tunxi historic streets by space syntax based method. ....                 | 154 |
| Shuai Li .....   | 154 |
| 84375 .....  | 156 |
| A study of a customised investment model for historic buildings based on participatory multi-criteria analysis: the former British Consulate in Tianjin as an example .....    | 156 |
| Yuwen Lin .....  | 156 |
| 81790 .....  | 157 |
| Qualitative and quantitative indicators in tangible and intangible cultural heritage as a decision-making tool for record,preservation and evaluation of a place. ....         | 157 |

|  |     |
|--|-----|
| Dr Eleni Linaki <sup>1</sup> , Konstantinos Serraos <sup>2</sup> .....   | 157 |
| 85261 .....  | 158 |
| Green structure and presence of landscape image in towns .....   | 158 |
| Ingfrid Lyngstad .....   | 158 |
| 84234 .....  | 160 |
| “Force Majeure”: The Transformation of Cultural Strategy as a Result of Urban Shrinkage and<br>Economic Crisis. The Case of Riga, Latvia.....                | 160 |
| Anastasiya Matyushkina .....   | 160 |
| 84527 .....  | 162 |
| The role of civic engagement in preservation and enhancement of ancient transhumance routes<br>(tratturi). The case of Apulia Region in Southern Italy ..... | 162 |
| Antonella Marlene Milano, Barbanente, Angela, Motta Zanin, .....   | 162 |
| 84186 .....  | 164 |
| Cooperation and competition among large industrial sites in heritage tourism .....   | 164 |
| Saara Mildeberg, Printsman, Anu, Palang, Hannes .....  | 164 |
| 84631 .....  | 166 |
| Night-time activities and changing urban pattern: Reading the nightscape of Ankara, Turkey .....   | 166 |
| Ezgi Orhan, Güngör, Merve, .....   | 166 |
| 85109 .....  | 167 |
| Heritage communities in the search for spatial justice. Reflections on ecomuseums .....  | 167 |
| Giusy Pappalardo .....   | 167 |
| 84970 .....  | 169 |
| Culture spatial value in terms of spatial justice. The case of Lido Pola – Bene Comune, Urban commons<br>in Naples (Italy) .....                             | 169 |
| Komal Potdar.....  | 169 |
| 85173 .....  | 171 |
| Culture spatial value in terms of spatial justice. The case of Lido Pola – Bene Comune, Urban commons<br>in Naples (Italy) .....                             | 171 |
| Stefania Ragozino, Stefania Oppido, Patrizia Vittoria, Gabriella Esposito De Vita <sup>1</sup> , Livia Russo <sup>2</sup> , ....                             | 171 |
| 85180 .....  | 173 |
| Is Brussels a “Care City”? A gender perspective on the effects of Brussels public transportation<br>system on care workers’ lives. ....                      | 173 |
| Stefania Ragozino <sup>1</sup> , Marcigliano, Agnese <sup>2</sup> , .....  | 173 |
| 85071 .....  | 175 |



|   |     |
|---|-----|
| The economic, socio-cultural and spatial effects on tourism development in Antalya on the local community's well-being .....  | 175 |
| Avseguł Sari, Bilgen, İlayda, Çalkan, Ezgi, Sarı, Ayşegül, .....  | 175 |
| 84430 .....   | 177 |
| Culture, productive heritage and spatial development .....  | 177 |
| Federica Scaffidi .....   | 177 |
| 82871 .....   | 179 |
| 'River movie', nature, and culture projects on the banks of Lyon's rivers .....   | 179 |
| Natacha Seigneuret .....  | 179 |
| 85275 .....   | 181 |
| TRADITIONAL COMMERCE, CHALLENGES AND OPPORTUNITIES FROM THE BUILT HERITAGE<br>PERSPECTIVE: THE "LOJAS COM HISTÓRIA" PROGRAM .....   | 181 |
| Paulo Silva <sup>1</sup> ; Goulart, Caroline <sup>2</sup> .....   | 181 |
| 84371 .....   | 183 |
| CINEMATIC OPEN SPACES OF FLANDERS : spatial planning and the imagination of Flemish open space<br>in the fiction films Bullhead and Kid .....                                 | 183 |
| Annelies Staessen .....   | 183 |
| 84891 .....   | 184 |
| Spatial analysis as a tool for determining the scope and impact of tourism promotion onto the tourist<br>flow in the cities, example of the City of Ljubljana, Slovenia ..... | 184 |
| Nina Stubičar, David Klepej .....   | 184 |
| 85272 .....   | 186 |
| Public culture intervention in the sustainable spatial renewal of vernacular heritage, taking the<br>villages surrounding the Erlitou Site in China as an example .....       | 186 |
| Gong Zhang .....  | 186 |
| 85340 .....   | 187 |
| A DIY toolkit to assess the value creation and multiple impacts of culture and tourism activities .....   | 187 |
| Elisabete Tomaz; Costa, Pedro; Perestrelo, Margarida; Lopes, Ricardo V. ....  | 187 |
| 84497 .....   | 189 |
| Heritage futures: Reinterpreting the spatial value of heritage in Praga district, Warsaw. ....  | 189 |
| Karim van Knippenberg .....   | 189 |
| 85255 .....   | 190 |
| Digital tourism journey: How social media shapes a destination brand – case study of Suzhou, China<br>.....   | 190 |

|  |     |
|--|-----|
| Anna Vichnevetskaia; Wang, Yiwen <sup>1</sup> ; Wang, Rudong <sup>2</sup> .....  | 190 |
| 85171 .....  | 192 |
| Cultural roots of planning: nurturing diversity? .....   | 192 |
| Kim Carlotta von Schönfeld <sup>1</sup> , António Ferreira <sup>2</sup> .....  | 192 |
| 84404 .....  | 194 |
| The spatio-temporal vibrancy characteristic of Historic urban area and its cultural influencing factor: A Case study of Qingdao, China ..... | 194 |
| Shanshan Wu, Tianjie Zhang .....   | 194 |
| 84414 .....  | 196 |
| The historic Tehran's socio-spatial assemblage: The Grand Bazaar's arranged marriage with tourism .....                                      | 196 |
| Solmaz Yadollahi .....   | 196 |
| TRACK 3: LAW .....   | 197 |
| 82082 .....  | 197 |
| Roundtable: Regulating Coastal Zones: International Perspective.....   | 197 |
| Rachelle Alterman; Pellach, Cygal .....  | 197 |
| 85349 .....  | 199 |
| Can legislation mitigate the negatives in condominium towers? .....  | 199 |
| Rachelle Alterman .....  | 199 |
| 84715 .....  | 201 |
| Spatial governance and planning systems in the global South: ex-post regularisation and informal institutions. ....                          | 201 |
| Francesca Blanc; Cotella, Giancarlo <sup>1</sup> ; Cabrera, Juan E. <sup>2</sup> .....   | 201 |
| 84476 .....  | 203 |
| Negotiating densification: Implications of flexible regulations on the Swiss planning system .....   | 203 |
| Josje Bouwmeester .....  | 203 |
| 85231 .....  | 205 |
| Urban renewal projects as coalition magnets: between the laws and governance in the local context .....                                      | 205 |
| Jeanne C. Versari Ferreira Sapata .....  | 205 |
| 84540 .....  | 207 |
| Where does urban beauty come from? The formation and evolution of Dortmund's most appreciated neighbourhood. ....                            | 207 |
| Stefano Cozzolino .....  | 207 |

|   |     |
|---|-----|
| 85264 .....   | 209 |
| Regulating residential heritage: from national institutional settings to regional legislation. A comparison of two Russian regions. ....                        | 209 |
| Albina Davletshina, Elena Batunova, Carola Neugebauer .....   | 209 |
| 84010 .....   | 210 |
| How much room for rivers can we actually make? The future of the Dutch Active Land Policy under the light of blue and green infrastructure implementation ..... | 210 |
| Besmira Dyca <sup>1</sup> ; Prof. Dr. Hartmann, Thomas <sup>2</sup> ; Dr. Muldoon-Smith, Kevin <sup>3</sup> .....   | 210 |
| 84182 .....   | 212 |
| Beyond privacy concerns: Towards a comprehensive legal critique of smart cities .....   | 212 |
| António Ferreira <sup>1</sup> , Fernanda Paula Oliveira <sup>2</sup> , Kim Carlotta von Schönfeld <sup>3</sup> .....  | 212 |
| 83760 .....   | 214 |
| Making land available - Comparing the German Building Land Mobilisation Act and the partial revision of the Swiss Spatial Planning Act .....                    | 214 |
| Andreas Hengstermann <sup>1</sup> ; Skala, Nadja <sup>2</sup> .....   | 214 |
| 84422 .....   | 216 |
| Revising law, revising cities: Feminist Methodology and the Collective Moral Damage in the Public Civil Action of Pinheirinho in Brazil .....                   | 216 |
| Mariana Imbelloni Braga Albuquerque <sup>1</sup> ; BRANDÃO, Ana Carolina Brito <sup>2</sup> .....   | 216 |
| 84900 .....   | 218 |
| Redeveloping empty farm stables for commercial purposes: two cases from the Netherlands. ....   | 218 |
| Maarten Koreman; Korthals Altes, Willem .....   | 218 |
| 84409 .....   | 220 |
| Compensating Downzoning. A comparison of European compensation schemes for implementing no net land take policies. ....   | 220 |
| Peter Lacoere <sup>1</sup> ; Hengstermann, Andreas <sup>2</sup> ; Jehling, Mathias <sup>3</sup> ; Hartmann, Thomas <sup>4</sup> .....                           | 220 |
| 84552 .....   | 222 |
| Governance structure and hierarchical coordination in spatial planning systems: a cross-country comparison .....  | 222 |
| Wenqi Li; Zhang, Li .....   | 222 |
| 84605 .....   | 223 |
| Olympic Regeneration vs. Social (In)Justice: Value Capture as a Referee .....   | 223 |
| Gustavo Lopes dos Santos, Ana Morais de Sá, Beatriz Condessa .....  | 223 |
| 85142 .....   | 225 |

|  |     |
|--|-----|
| Soft spaces, soft planning, and soft law: Assessing the changing model of city-regional planning in Finland .....  | 225 |
| Hanna Mattila <sup>1</sup> ; Heinilä, Aleks <sup>2</sup> .....   | 225 |
| 84420 .....  | 227 |
| Land policy and the power of private property - Exploring volitional vacant properties .....   | 227 |
| Astrid Maurer .....  | 227 |
| 84349 .....  | 229 |
| Farming activities and diffuse urbanization in cross-border regions : a case study on the French-Belgian border areas .....                                | 229 |
| Romain Melot <sup>1</sup> , Idt Joël; Le Bivic, Camille; Pauchon, Antoine <sup>2</sup> .....   | 229 |
| 85242 .....  | 231 |
| ‘Central-Local’ Planning and the Right to Adequate Housing in Ghana .....  | 231 |
| Maxwell Okrah .....  | 231 |
| 85023 .....  | 232 |
| Territorial Value - the role of nature-based components.....   | 232 |
| Maria Partidario, Ana Queiroz do Vale, Ana Morais Sá, Beatriz Condessa, Isabel Loupa Ramos, Jorge Baptista e Silva, Margarida Monteiro, Rute Martins ..... | 232 |
| 84546 .....  | 234 |
| Mobility Rights – a precondition for the Mobility Transformation Process? .....  | 234 |
| Oliver Peck; Damjanovic, Dragana .....   | 234 |
| 84783 .....  | 236 |
| Singapore, glass half full or empty? How Planning Law and land regime has shaped socio-economic outcomes since Independence .....                          | 236 |
| Andrew Purves .....  | 236 |
| 85083 .....  | 238 |
| Balancing regulation and instruments of climate policy .....   | 238 |
| Willem Salet .....   | 238 |
| 84447 .....  | 239 |
| Informal, illegal or invisible? Local compliance officers’ perspectives on unauthorised housing in Australia .....   | 239 |
| Pranita Shrestha <sup>1</sup> , Nicole Gurrans <sup>2</sup> .....  | 239 |
| 84276 .....  | 241 |
| The problem of transaction costs: Sustainable management of natural resources and landscapes ...   | 241 |
| Aleksandar Slaev .....   | 241 |

|  |     |
|--|-----|
| 84740 .....  | 242 |
| Do the Dutch to recreate their land again? .....   | 242 |
| Jan Spijkerboer .....  | 242 |
| 85155 .....  | 244 |
| ASSESSING DIFFERENT MODES OF LAND MANAGEMENT AND LAND GOVERNANCE. THE CASE OF<br>ABANDONED BUILDINGS IN THE ATHENIAN CITY-CENTRE.....  | 244 |
| Kyriaki Stavridou <sup>1</sup> ; Lianopoulou, Vasiliki <sup>2</sup> .....  | 244 |
| 84913 .....  | 246 |
| RESOURCE PROTECTION IN THE AMERICAN STATE OF OREGON.....   | 246 |
| Edward Sullivan <sup>1</sup> , Caleb J. Huegel <sup>2</sup> .....  | 246 |
| 84374 .....  | 247 |
| Is the new Environmental and Planning Act in the Netherlands eroding Democracy? .....  | 247 |
| Lilian van Karnenbeek; Van Rijswick, Marleen; Groothuijse, Frank.....  | 247 |
| 85221 .....  | 247 |
| Resolving conflicts between public and private interests in land.....  | 248 |
| Rachel Williams .....  | 248 |
| 84411 .....  | 250 |
| Research on the legalization path of China's historic city conservation from the perspective of Central-<br>Local interaction: A case study of Guangzhou .....                                   | 250 |
| Qi Wu, Tianjie Zhang .....   | 250 |
| 85362 .....  | 252 |
| Judicial Constraints of Land Use Actions: Situating China in Global Context .....  | 252 |
| Weiping Wu.....  | 252 |
| TRACK 4: HOUSING .....   | 254 |
| 84509 .....  | 254 |
| 'NEW URBAN TRANSFORMATION': THE ROLES AND THE STRATEGIES OF THE DIFFERENT ACTORS<br>DURING THE PARCEL-BASED URBAN TRANSFORMATION PROCESS IN THE CASE OF ISTANBUL<br>KOZYATAGI NEIGHBORHOOD ..... | 254 |
| Gizem Aksumer <sup>1</sup> , Asst. Prof. Dr. Gizem Aksümer, Dr. Sinem Seçer <sup>2</sup> .....   | 254 |
| 85322 .....  | 256 |
| The hidden stock of affordable housing .....   | 256 |
| Rachelle Alterman <sup>1</sup> , Yifat Holzman-Gazit <sup>2</sup> .....  | 256 |
| 84860 .....  | 258 |

|  |     |
|--|-----|
| Planning for Gender Justice in the “New Suburbia”: Reconciliation of paid work, care work and suburban living .....  | 258 |
| Henriette Bertram .....  | 258 |
| 85350 .....  | 260 |
| Housing and the just city. Actors, strategies, and outcomes of a large scale urban development in Nantes .....   | 260 |
| Ariani Camilla <sup>1</sup> ; De Leo, Daniela <sup>2</sup> .....   | 260 |
| 84272 .....  | 262 |
| The reconfiguration of disadvantaged housing locations in the wake of reurbanisation: Evidence from German city regions .....                                    | 262 |
| Stefan Fina, Julian Schmitz, Sabine Weck <sup>1</sup> , Diane Matuschek, Carmella Pfaffenbach <sup>2</sup> .....   | 262 |
| 85254 .....  | 264 |
| Informality, Governance and Housing Production in a Global North city: the case of London.....   | 264 |
| Iqbal Hamiduddin <sup>1</sup> ; Ward, Callum <sup>2</sup> .....  | 264 |
| 84600 .....  | 265 |
| Urban Diversity and Epidemic Resilience: The case of the COVID-19 .....  | 265 |
| Ravit Hananel <sup>1</sup> , Dr. Ram Fishman, Dr. Nechumi Malovicki-Yaffe <sup>2</sup> .....   | 265 |
| 84073 .....  | 267 |
| TOWARD A SPECTRUM OF NEIGHBORHOOD CHANGE: IDENTIFYING DISINVESTMENT FACTORS THAT LEAD TO NEIGHBORHOOD DISPLACEMENT.....  | 267 |
| Austin Harrison .....  | 267 |
| 85329 .....  | 268 |
| Barrier-free and wheelchair-accessible Housing in Context of Common Goods oriented Housing market. A Case Study of Berlin (Germany) .....                        | 268 |
| Thora Haubold .....  | 268 |
| 84351 .....  | 270 |
| Age Structure, Residential Density, and Housing Quality: Using Citizen Hotline Data to Understand Community Conflicts in Shanghai .....                          | 270 |
| Li Hou; Zhang, Yiyi; Chen, Xin .....   | 270 |
| 84571 .....  | 272 |
| Housing informality dynamics in middle-income neighbourhoods: the case of Nairobi City, Kenya...   | 272 |
| Eunice Jimmy.....  | 272 |
| 84611 .....  | 274 |
| Place Attachment, Residential Satisfaction, and Residential Mobility in the Context of Forced Migration: The Case of Bursa's "Little Aleppo" Neighbourhood ..... | 274 |

|  |     |
|--|-----|
| Ebru Kamaci Karahan .....  | 274 |
| 84924 .....  | 276 |
| The unpleasant consequences of sustainable Nordic cities: environmental gentrification .....   | 276 |
| Helena Leino, Antti Wallin, Markus Laine .....   | 276 |
| 84047 .....  | 278 |
| “Vinzirast-Mittendrin” : the inclusive co-housing project for the homeless, refugees, and students in Vienna, Austria .....  | 278 |
| Shuia Li .....   | 278 |
| 85068 .....  | 280 |
| Cross-Border Perspectives in Housing Market Studies .....  | 280 |
| Brian Longobardi <sup>1</sup> ; Sielker, Franziska <sup>1,2</sup> .....  | 280 |
| 84588 .....  | 282 |
| Housing servitization. A proposal for urban housing .....  | 282 |
| Giovanna Mangialardi .....   | 282 |
| 84444 .....  | 284 |
| Platform facilitated housing informality in Australian cities .....  | 284 |
| Zahra Nasreen, Prof Nicole Gurran, Dr Pranita Shrestha.....  | 284 |
| 85213 .....  | 286 |
| Slum rehousing, place-making, and the everyday: an examination of the lived experiences of a slum rehousing scheme in the periphery of Mumbai .....  | 286 |
| Dr Vidya Sagar Pancholi .....  | 286 |
| 85134 .....  | 288 |
| Rome: "Città Utopica?" Futuring the metropolitan urban region. ....  | 288 |
| Camilla Perrone <sup>1</sup> ; Peter Ache <sup>2</sup> .....   | 288 |
| 84357 .....  | 289 |
| Social Segregation in Mixed-Income-Community from China, a case study in Beijing .....   | 289 |
| Bingzhu Qi .....   | 289 |
| 83941 .....  | 291 |
| Affordable Overnight Lodging in High-Cost, High-Need Coastal Environments .....  | 291 |
| William Riggs <sup>1</sup> , Megyn Rugh <sup>2</sup> , Stefan Al <sup>3</sup> , Menka Sethi <sup>4</sup> .....   | 291 |
| 84609 .....  | 293 |
| DWELLING DECAY: HOUSING CRISIS, URBAN INSTITUTIONALISM, AND ITS UNDERSTANDING OF THE QUALITATIVE SHORTAGE. Past, present, and future of Chile's Urban Housing Policy for the Improvement of Quality and Social Integration (2006 - 2021) ..... | 293 |

|  |     |
|--|-----|
| Karen Saavedra .....   | 293 |
| 80243 .....  | 295 |
| NECESSITY OF ECO-HOUSING IN DEVELOPING COUNTRIES FOR PROMOTING SUSTAINABLE<br>DEVELOPMENT.....   | 295 |
| Dr Debashis Sanyal .....   | 295 |
| 84387 .....  | 297 |
| Learning from the pandemic: The perceived and revealed impacts of the Covid-19 pandemic on urban<br>planning and housing .....                       | 297 |
| Martina Schorn; Kajosaari, Anna; Kupnik, Chiara; Barnsteiner, Alexander; Humer, Alois .....  | 297 |
| 84706 .....  | 299 |
| Neighborhood spatial planning in relation to individual building design: introducing the case of<br>national-outline-plan TAMA38 .....               | 299 |
| Dalit Shach-Pinsly .....   | 299 |
| 85131 .....  | 301 |
| Reducing the Hidden Costs of Building Your Own House in England .....  | 301 |
| Sina Shahab .....  | 301 |
| 84526 .....  | 302 |
| Metro-induced gentrification and residential mobility in Taipei .....  | 302 |
| Li Shan Su .....   | 302 |
| 84646 .....  | 303 |
| Project Series "Trial Living" - Report from a Living and Working Experiment in Görlitz / Germany ....  | 303 |
| Constanze Zöllter; Rößler, Stefanie <sup>1</sup> ; Knippschild, Robert <sup>1,2</sup> .....  | 303 |
| 84210 .....  | 305 |
| Incongruous property regulations and scattered efforts to improve housing affordability in the<br>Amsterdam Metropolitan Region .....                | 305 |
| Tuna Tasan-Kok; Legarza, Andre <sup>1</sup> ; Özogul, Sara <sup>2</sup> .....  | 305 |
| 85017 .....  | 306 |
| Perspectives on Affordable Housing Partnerships in Canadian Cities .....   | 306 |
| Sasha Tsenkova .....   | 306 |
| 84632 .....  | 308 |
| New peripheries in the making: Analysing (de)concentrations of poverty in German city-regions ....   | 308 |
| Sabine Weck; Schmitt, Julian <sup>1</sup> ; Pfaffenbach, Carmella <sup>2</sup> ; Matuschek, Diane <sup>1,2</sup> ; Fina, Stefan <sup>1,2</sup> ..... | 308 |
| TRACK 5: GOVERNANCE.....   | 310 |
| 85118 .....  | 310 |



|   |     |
|---|-----|
| Inclusive Development and Growth in Peripheral Space - Reflection on the Glass Ceiling of Development Areas in Israel ..... | 310 |
| Dvora Abramzon Brosh; Aharon Gutman, Meiray <sup>1</sup> ; Beerli, Itai <sup>2</sup> .....                                  | 310 |
| 84090 .....   | 312 |
| Values-led planning and value capture instruments for sustainable management of land-related resources .....                | 312 |
| Armands Auzinš <sup>1</sup> ; Botticini, Francesco <sup>2</sup> .....   | 312 |
| 85072 .....   | 314 |
| How to plan for care-full densification? Spatial organization and governance of care as a community resource .....          | 314 |
| Deniz Ay; Gerber, Jean-David .....  | 314 |
| 85163 .....   | 316 |
| Collaborative approaches in Swedish municipal planning for sustainable urban development .....                              | 316 |
| Berit Balfors <sup>1</sup> ; Hellquist, Alexander <sup>2</sup> .....  | 316 |
| 84858 .....   | 318 |
| Between opportunity and cooperation: the new governance model for Maritime Spatial Planning (MSP) in Italy .....            | 318 |
| Fabio Carella; Maragno, Denis; Musco, Francesco .....   | 318 |
| 85307 .....   | 320 |
| New form of community: a model of relational proximity .....  | 320 |
| Elisa Caruso .....  | 320 |
| 84815 .....   | 322 |
| Italian metropolitan cities in search of a European dimension. Evidence from Torino. ....                                   | 322 |
| Donato Casavola <sup>1</sup> ; Cotella, Giancarlo; Staricco, Luco; Vitale Brovarone, Elisabetta <sup>2</sup> .....          | 322 |
| 84702 .....   | 324 |
| Metropolitan harmony, sectoral cacophony: insights from the Metropolitan Area of Lisbon .....                               | 324 |
| Beatriz Condessa; Loupa Ramos, Isabel; Pinto, Pedro <sup>1</sup> .....  | 324 |
| 82937 .....   | 326 |
| The role of metropolitan areas in the EU cohesion policy. Much ado about nothing? .....                                     | 326 |
| Giancarlo Cotella .....   | 326 |
| 83059 .....   | 328 |
| Spatial governance and planning systems and the sustainability of spatial development in Europe ..                          | 328 |
| Giancarlo Cotella, Erblin Berisha, Umberto Janin Rivolin, Alys Solly .....  | 328 |
| 85281 .....   | 330 |

|  |     |
|--|-----|
| The Marine Protected Area Contract as a collaborative governance tool: the pilots in Lazio region, Italy .....   | 330 |
| Romina D’Ascanio, Serena Muccitelli, Carolina Pozzi, Anna Laura Palazzo .....  | 330 |
| 85120 .....  | 332 |
| Territorial governance and collaborative planning practices: Lessons learned from a case of a River, Lake and Coastal Contract in Lazio Region, Italy.....           | 332 |
| Daniela De Leo, Sara Altamore .....  | 332 |
| 84389 .....  | 334 |
| Community-oriented local development strategies: distilling the underlying processes and meanings .....  | 334 |
| Miriam de Oliveira Goncalves; Cavaco, Cristina <sup>1</sup> ; Mourato, João <sup>2</sup> .....   | 334 |
| 84968 .....  | 336 |
| Spatial planning as a regional governance tool: towards a cooperative framework for secondary cities in China .....  | 336 |
| Yizhao Du, Rodrigo Viseu Cardoso, Roberto Rocco .....  | 336 |
| 85186 .....  | 338 |
| Tracing the rationales and potential implications of claiming ‘a just Europe’: the new Territorial Agenda 2030 .....   | 338 |
| Estelle Evrard <sup>1</sup> ; Schmitt, Peter <sup>2</sup> .....  | 338 |
| 84678 .....  | 340 |
| From European territorial to spatial planning .....  | 340 |
| Andreas Faludi .....   | 340 |
| 84383 .....  | 342 |
| Patterns of continuity and change in the planning and governance of emblematic metropolitan regions.....   | 342 |
| Daniel Galland <sup>1</sup> , Dominic Stead, Prof. ....  | 342 |
| 85086 .....  | 344 |
| Exploring the Governance of Implementation: Dutch Energy Strategy-Making as a Case of Path Creation .....  | 344 |
| Martijn Gerritsen .....  | 344 |
| 85014 .....  | 346 |
| Building on the existing. Implementing Metropolitan Governance in a context of conflict, cooperation, and competitiveness. Notes from Lisbon Metropolitan Area. .... | 346 |
| Jorge Gonçalves <sup>1</sup> , Pedro Pinto <sup>2</sup> .....  | 346 |
| 84656 .....  | 348 |

|  |     |
|--|-----|
| Finding a place for Business Improvement Districts in Portugal. The shift from conservative retail planning to a liberal approach .....  | 348 |
| Pedro Guimaraes .....  | 348 |
| 85246 .....  | 350 |
| Governing Sharing Practices: The Role of Planning in the Co-production and Collaborative Use of Urban Resources .....  | 350 |
| Alexander Hamedinger <sup>1</sup> ; Holmqvist, Emma <sup>2</sup> ; Schalk, Meike <sup>3</sup> ; Cermeño, Helena; Keller, Carsten <sup>4</sup> ; Petrescu, Doina <sup>5</sup> ..... | 350 |
| 84205 .....  | 352 |
| Actors, arenas and aims: A conceptual framework for public participation .....   | 352 |
| Katrin Hofer; Kaufmann, David .....  | 352 |
| 84704 .....  | 354 |
| The role of urban intermediary organisations in market-oriented planning systems-using Taipei Urban Regeneration Centre as a case study .....                                      | 354 |
| Ying-Chun Hou .....  | 354 |
| 85175 .....  | 354 |
| Social sustainability as a policy goal: exploring effective governance mechanisms for expanding residents' urban capability in area-based development projects .....               | 355 |
| Céline Janssen <sup>1</sup> , Tom Daamen, Wouter Jan Verheul <sup>2</sup> .....  | 355 |
| 84523 .....  | 357 |
| Mobilizing inward development potential. How municipalities can contribute to compact settlements .....  | 357 |
| David Kaufmann; Wittwer, Stefan .....  | 357 |
| 84812 .....  | 359 |
| Integrating spatial planning and strategic energy planning in the Netherlands .....  | 359 |
| Henk-Jan Kooij; Gerritsen, Martijn <sup>1</sup> ; Van Assche, Kristof <sup>2</sup> .....   | 359 |
| 84336 .....  | 361 |
| Dealing with uncertainty in infrastructure planning From area-oriented infrastructure planning to land use transport integration .....   | 361 |
| Wim Leendertse <sup>1</sup> ; Veenma, Klaas <sup>2</sup> ; Arts, J. <sup>3</sup> .....   | 361 |
| 85100 .....  | 363 |
| Design Governance in Delivering 'Human-centred Urban Development': A Case Study of Shanghai, China .....   | 363 |
| Jiayi Li, Yiwen Wang .....   | 363 |
| 84530 .....  | 365 |

|   |     |
|---|-----|
| Research on the Drawing of Urban Blue Lines in Chinese Territorial Spatial Planning System .....                          | 365 |
| Dongxin Lian, Shifu Wang, Zhaohua Deng .....  | 365 |
| 84586 .....   | 367 |
| Reflection on the importance and effectiveness of information disclosure for multiple interests ——                        |     |
| Take the installation of elevators in old residential areas in Guangzhou as an example .....                              | 367 |
| Dongxin Lian, Shifu Wang, Chunxiao Ma, Zhishan Lin, Kexin Deng .....  | 367 |
| 84324 .....   | 369 |
| Towards Neo-Endogenous Rural Development in China? A Case Study on the Actor Network of a Rural                           |     |
| Revitalisation Programme of Jiangsu Province .....  | 369 |
| Mengchuan Liu, Yiwen Wang .....   | 369 |
| 84472 .....   | 371 |
| Adaptive governance for health and social equity: A case study of Hangzhou’s Xiaoying alley .....                         | 371 |
| Yinglu Luo, Zhang Yalan .....   | 371 |
| 84514 .....   | 373 |
| Territorial Impact Assessment – a policy assessment tool for better integration of planning and other                     |     |
| sectors? .....  | 373 |
| Naia Marot; Kostanišek, Barbara; Krošelj, Manca; Golobič, Mojca .....   | 373 |
| 85292 .....   | 374 |
| Transboundary Marine Governance: a case study of the Irish Sea .....  | 374 |
| Linda McElduff; Ritchie, Heather; Ansong, Joseph .....  | 374 |
| 85193 .....   | 376 |
| Difficulties and lessons of the ongoing planning reform in China for sustainable development goals                        | 376 |
| Meng Meng <sup>1,2</sup> , Marcin Dabrowski <sup>2,3</sup> , Chunxiao Ma <sup>1,4</sup> , Shifu Wang <sup>1,2</sup> ..... | 376 |
| 85353 .....   | 377 |
| Collective actions for the production of inclusive urban spaces: hopes, limits and transformative                         |     |
| possibilities .....   | 377 |
| Valeria Monno .....   | 377 |
| 84553 .....   | 378 |
| Experimental Rural Governance – the Complex Dilemma of Swedish Water Planners .....                                       | 378 |
| Amelia Mutter; Westin, Martin .....   | 378 |
| 85084 .....   | 380 |
| Deliberation in times of urgency. Is there a need to reimagine communicative planning theory? .....                       | 380 |
| Amelia Mutter, Camilo Calderon, Andrew Butler, Fanny Möckel, Martin Westin .....  | 380 |
| 84920 .....   | 382 |

|   |     |
|---|-----|
| Regional Governance through Administrative Annexation: The Case of City-County Merger in China  | 382 |
| .....   | 382 |
| Hong Ni <sup>1</sup> , Prof. Yiwen Wang <sup>2</sup> .....  | 382 |
| 84331 .....   | 384 |
| Overarching land-use strategy (LUS) in small rural municipalities in Norway - involvement of politicians and citizens in the LUS-processes .....    | 384 |
| Toril Ringholm, Aksel Hagen .....   | 384 |
| 84958 .....   | 386 |
| Rethinking urban energy transition: actors, processes and policies. ....  | 386 |
| Federica Rotondo .....  | 386 |
| 84644 .....   | 388 |
| Policy failure, institutional complexity and the challenges of implementing urban regeneration in Oviedo (Spain). ....                              | 388 |
| Eva Sanchez Alvarez .....   | 388 |
| 85087 .....   | 389 |
| Making room for soft planning practices: the meandering route of EU's lesson-drawing urban policy initiatives .....                                 | 389 |
| Luís Sanchez Carvalho, Cristina Cavaco <sup>1</sup> , João Mourato, André Pereira <sup>2</sup> .....  | 389 |
| 84607 .....   | 391 |
| Introducing the concept of 'Synergetic Regional Governance': Steering regional development through multi-layered regional governance networks ..... | 391 |
| Martina Schorn .....  | 391 |
| 85210 .....   | 393 |
| Challenge-oriented approach and scoped territories: innovation at stake .....   | 393 |
| Loris Servillo .....  | 393 |
| 85243 .....   | 394 |
| Alternative forms of governance against energy poverty: the energy communities experience .....   | 394 |
| Paulo Silva, Noemi Fantinato .....  | 394 |
| 85319 .....   | 396 |
| Understanding Responsibilities in Flood Risk Governance .....   | 396 |
| Karin Snel .....  | 396 |
| 84288 .....   | 397 |
| Control and flexibility: A paradoxical challenge in urban planning .....  | 397 |

|  |     |
|--|-----|
| Kees Stam; van Ewijk, Edith; Chan, Paul; Heintz, John <sup>1</sup> ; Peek, Gert-Joost <sup>2</sup> ; Tasan-Kok, Tuna; Hordijk, Michaela <sup>3</sup> .....                               | 397 |
| 84438 .....  | 399 |
| Regional planning gamification – A game-based approach for activating regional planning strategies .....   | 399 |
| Marvin Stiewing; Lena Fastner; Henzel, Maximilian; Rettkowski, Dominik; Weber, Tobias; Berchtold, Martin .....   | 399 |
| 84350 .....  | 401 |
| Deliberation and institutional design for collaborative planning: A case study of Enning Road redevelopment project in Guangzhou city, China .....                                       | 401 |
| Xiaomeng Zhou; Yanliu, Lin; Jochen, Monstadt .....   | 401 |
| 85019 .....  | 403 |
| Understanding the Governance of Urban Regeneration in Public-Private Partnerships: Contributions from a systematic literature review .....   | 403 |
| Paula Vale de Paula, Jorge Manuel Gonçalves, Rui Domingos Ribeiro da Cunha Marques .....   | 403 |
| 84559 .....  | 405 |
| Transport Decision Making: Developing an International Governance Framework for Integration of Transport Services in a Metro Region .....  | 405 |
| David Weinreich, Karel Martens <sup>1</sup> , Thomas Skuzinski <sup>2</sup> .....  | 405 |
| 84113 .....  | 407 |
| Bridging land value capture with land rent narratives .....  | 407 |
| Eliška Vejchodská <sup>1</sup> ; Barreira, Ana Paula <sup>2</sup> ; Auziņš, Armands <sup>3</sup> ; Jürgenson, Evelin <sup>4</sup> ; Fowles, Steven; Maliene, Vida <sup>5,6</sup> ; ..... | 407 |
| 84408 .....  | 409 |
| A Study on the Characteristics of Collaborative Governance in the Chinese Context for the Conservation Implementation of Historic and Cultural Cities-- A case study of Guangzhou .....  | 409 |
| Qitong Ye, Tianjie Zhang .....   | 409 |
| 84318 .....  | 411 |
| Urban Regeneration in China : Era Characteristics and Experience of Policy System Construction ...   | 411 |
| Dan Ye .....   | 411 |
| TRACK 6: METHODS .....   | 413 |
| 84693 .....  | 413 |
| Guazuvirá Visioning of the future costal settlements in Uruguay; participatory territorial planning methods to advocate nature’s rights in Latin America. ....                           | 413 |
| Goni Mazzitelli Adriana .....  | 413 |

|  |     |
|--|-----|
| 84085 .....  | 415 |
| The Smart City: The Balance of Power Between Local Government Commercial Companies .....   | 415 |
| Ido Aharon, Nurit Alfasi .....   | 415 |
| 85078 .....  | 416 |
| Bridging qualitative and quantitative methods of futures knowledge creation in strategic spatial<br>planning .....   | 416 |
| Mikko Airikkala; Sahlberg, Matti .....   | 416 |
| 83962 .....  | 418 |
| Social participation for the planning, design and management of public spaces through Information<br>and communication technologies in Mexico. ....  | 418 |
| Sergio Alvarado Vazquez, Mafalda Madureira, Frank Osterman, Karin Pfeffer .....  | 418 |
| 84064 .....  | 420 |
| Tempo-spatial analysis of pedestrian movement using Bluetooth sensor technology .....  | 420 |
| Avital Angel; Plaut, Pnina .....   | 420 |
| 84561 .....  | 422 |
| Unknown knows: Knowledge mining for sustainable transformation research and practice .....   | 422 |
| Agota Barabas, Prof. Dr.-Ing. Jörg Rainer Noennig, Dr Katharina Borgmann, Mai Ahmed .....  | 422 |
| 85278 .....  | 424 |
| Time-related mapping of urbanisation in metropolitan regions .....   | 424 |
| Fabio Bayro Kaiser .....   | 424 |
| 84927 .....  | 426 |
| Material intensity of inward development - resource assessment and localization of urban<br>development potentials .....   | 426 |
| Stefan Bindreiter; Forster, Julia <sup>1</sup> ; Lorenz, Wolfgang E.; Wurzer, Gabriel <sup>2</sup> ; Grabuschnig, Luise; Fellner,<br>Johann <sup>3</sup> ; Battlogg, Simon; Kalteis, Martina <sup>4</sup> ; Dengg, Ernst A.; Pachauer, Volker K <sup>5</sup> ..... | 426 |
| 84701 .....  | 428 |
| Benefits of geodesign in strategic spatial planning .....  | 428 |
| Michele Campagna .....   | 428 |
| 84601 .....  | 430 |
| Assessing the quality of the urban landscape - An exploratory evaluation model .....   | 430 |
| Alexandra Campos; Ferreira, José Antunes; Ramos, Isabel Loupa .....  | 430 |
| 84960 .....  | 432 |
| Green, digital, inclusive: New directions in urban and regional planning. ....   | 432 |
| Fabian Dembski <sup>1</sup> ; Dr Linzer, Helena; Prof. Voigt, Andreas <sup>2</sup> ; Dr Wieshofer, Isabel <sup>3</sup> .....   | 432 |

|  |     |
|--|-----|
| 85296 .....  | 434 |
| Local Projects – Regional Impacts .....  | 434 |
| Hartmut Dumke, Daniel Youssef .....  | 434 |
| 84270 .....  | 436 |
| E-Participation in Slum Upgrading The value of already existing solutions in Smart Cities: How e-participation facilitates the establishment of a locally rooted Liveable Life Index to guide slum upgrading. .... | 436 |
| Berrit Neele Eicker .....  | 436 |
| 84206 .....  | 438 |
| Providing large-area high-resolution intervisibility data to support the planning for wind energy on a supra-local level .....   | 438 |
| Caroline Fischer; Roth, Michael .....  | 438 |
| 80876 .....  | 440 |
| Implementation of Statutory Planning versus Urban Dynamics in a Complex City .....   | 440 |
| Shlomit Flint; Klein, Marianna .....   | 440 |
| 84334 .....  | 441 |
| Landscape and Spatial Planning after the European Landscape Convention: 15 years of findings from the Valencian and the Catalan regions .....  | 441 |
| Juanio Galan Vivas.....  | 441 |
| 85005 .....  | 443 |
| Conceptual framework for land use optimization .....   | 443 |
| Eduardo Gomes .....  | 443 |
| 84221 .....  | 445 |
| Visualization analysis of future city research based on CiteSpace .....  | 445 |
| Jing Han .....   | 445 |
| 84344 .....  | 447 |
| Measuring social network influence on power relations in collaborative planning in Beijing city, China .....   | 447 |
| Junyao He; Yanlin Liu; Hooimeijer, Pieter; Monstadt, Jochen .....  | 447 |
| 83877 .....  | 449 |
| THE IMPORTANCE OF THE INTEGRATED APPROACH TO AFFORESTATION: EXPERIENCES FROM THE SERBIAN GEODESIGN EXPERIMENTAL STUDIO.....  | 449 |
| Bojana Ivanović, Dabović Tijana, Pjanović Bojana, Đorđević Dejan .....   | 449 |
| 85195 .....  | 450 |



|  |     |
|--|-----|
| Digitalisation for Climate Smart Planning – Converging Methods from Anthropology, Urban Design and Computational Science .....   | 450 |
| Bim Kilje <sup>1</sup> ; Stojanovski, Todor; Zhang, Hui; Peters, Christopher <sup>2</sup> .....  | 450 |
| 85468 .....  | 452 |
| Trigger WAVES: Activating public engagement for planning Urban Blue Spaces with Living Labs .....  | 452 |
| Friedrich Kuhlmann, Jekaterina Balicka .....   | 452 |
| 85348 .....  | 454 |
| Reading territories: ecosystem services as a decision support tool in climate adaptation .....   | 454 |
| Alessandra Longo, Denis Maragno.....   | 454 |
| 83234 .....  | 456 |
| Analysis of Urban Space Vitality Based on Weibo Check-in Data A Case Study of Suzhou .....   | 456 |
| Geng Ma, Paolo Pellegrini .....  | 456 |
| 85251 .....  | 457 |
| Decision support systems in spatial planning: possibilities and limitations in an international comparative context .....  | 457 |
| Nina Müller; Prof. Pallagst, Karina .....  | 457 |
| 85130 .....  | 459 |
| Usefulness of New Communicative Planning Support System for Greener Cities, Case GreenTwins in Helsinki-Tallinn .....  | 459 |
| Pilvi Nummi <sup>1,2</sup> , Aija Staffans <sup>1</sup> , Kristi Grišakov <sup>2,3</sup> , Viktorija Prilenska <sup>2</sup> .....  | 459 |
| 84988 .....  | 461 |
| Understanding urban creativity with social media analyses .....  | 461 |
| Hanna Obracht-Prondzynska .....  | 461 |
| 85115 .....  | 463 |
| Greencoin – digital currency for smart cities mitigating climate changes .....   | 463 |
| Hanna Obracht-Prondzynska <sup>1</sup> , Kacper Radziszewski, Kacper Wereszko, Jolanta Kowal, Helena Anacka, Magdalena Walnik, Paweł Weichbroth <sup>2</sup> .....                   | 463 |
| 84307 .....  | 465 |
| Comparison of the Participation Models of Multiple Subjects in Urban Regeneration in China:A Case Study of Urban Villages in Shenzhen .....  | 465 |
| Yanhan Pan .....   | 465 |
| 85042 .....  | 467 |
| The same urban green for everyone? // Evaluation of social justice of urban green as a contribution to spatial justice based on two case studies in the Ruhr region of Germany ..... | 467 |

|   |     |
|---|-----|
| Antonia Pfeiffer .....  | 467 |
| 84314 .....   | 469 |
| Research on the identification of urban vitality center and its spatial relationship based on multi-source big data—Taking Jinan as an example .....                | 469 |
| Liyong Rong, Hongling Yin <sup>1</sup> ; Han, Jing <sup>2</sup> .....   | 469 |
| 84312 .....   | 471 |
| Analyzing Causal Loop Diagrams through the graph theory framework to identify key leverage points for sustainability in urban-rural systems .....                   | 471 |
| Anton Rozhkov <sup>1</sup> , John Murphy <sup>2</sup> , Moira Zellner, Dean Massey <sup>3</sup> .....   | 471 |
| 80299 .....   | 473 |
| INCORPORATING SMART TECHNOLOGIES FOR ENERGY SUFFICIENCY IN BUILT ENVIRONMENT OF DEVELOPING COUNTRIES: AN ARCHITECT'S PERSPECTIVE.....                               | 473 |
| Dr Debashis Sanyal .....  | 473 |
| 84466 .....   | 475 |
| Using participatory mapping of subjective heat perception for tailor-made, heat-adapted urban development .....   | 475 |
| Tanja Schnittfinke <sup>1</sup> ; Göttsche, Franziska <sup>2</sup> .....  | 475 |
| 84697 .....   | 477 |
| The digital dimension of inclusive planning. The readiness of European cities. ....   | 477 |
| Michelangelo Secchi, Irene Bianchi, Grazia Concilio <sup>1</sup> , Martin Gauk <sup>2</sup> , Ilaria Mariani <sup>3</sup> .....                                     | 477 |
| 84255 .....   | 479 |
| Mapping the Walk: A Scalable Computer Vision Approach for Generating Sidewalk Network Datasets from Aerial Imagery .....  | 479 |
| Andres Sevtsuk <sup>1</sup> , Maryam Hosseini <sup>2,3</sup> , Fabio Miranda <sup>4</sup> , RobertoM. Cesar Jr <sup>5</sup> , Claudio T. Silva <sup>2,6</sup> ..... | 479 |
| 84128 .....   | 481 |
| Spatial parameters for urban renewal scenarios for Middle-Class Mass housing renewal and residential environments quality .....                                     | 481 |
| Dalit Shach-Pinsly <sup>1</sup> , Idan Porat <sup>2</sup> , Julia Forster, Stefan Bindeiter <sup>3</sup> .....  | 481 |
| 85168 .....   | 483 |
| Are urban planners late to the game? A Literature Review on BIM, GIS, and Semantic Web Integration .....  | 483 |
| Franziska Sielker <sup>1</sup> , Hou Yee Quek, Markus Kraft <sup>2</sup> , VSK Murthy Balijepalli <sup>3</sup> .....  | 483 |
| 85262 .....   | 485 |
| From information to collaboration: Open Data as a Basis for Smart Governance? .....   | 485 |
| SaeBom Song <sup>1</sup> ; Jehling, Mathias <sup>2</sup> .....  | 485 |

|  |     |
|--|-----|
| 84520 .....  | 487 |
| Opportunities for inclusive planning with digital innovations during and after the pandemic: The case of a revitalization project in Dortmund, Germany.....              | 487 |
| Lena Unger <sup>1</sup> , Dahae Lee <sup>2</sup> .....   | 487 |
| 84575 .....  | 488 |
| Conceptualizing digital/technological and data sovereignty of local governments within the European context .....  | 488 |
| Lena Unger .....   | 488 |
| 84291 .....  | 490 |
| Study on Spatial Differentiation of Tourism Efficiency of Urban Heritage Trail and The Influencing Factors – A Case Study of the Daming Lake Trail in Jinan, China ..... | 490 |
| Fei Yunfei, Zhang Tianjie; Cailin, Qiu; Yingyu, Hou .....  | 490 |
| TRACK 7: MOBILITIES .....  | 492 |
| 83957 .....  | 492 |
| The Geography of diffusion and emerging travel behaviour impacts of digital platform/app-based mobility solutions in Africa .....  | 492 |
| Ransford A. Acheampong.....  | 492 |
| 85337 .....  | 494 |
| Justice of cycling infrastructure provision in Egypt .....   | 494 |
| Ahmed Tarek Alahwal <sup>1</sup> , Omar Aboutaleb <sup>2</sup> .....   | 494 |
| 83873 Challenges and Opportunities of Off-Site Vehicle Miles Traveled Mitigation in California .....   | 496 |
| Serena Alexander <sup>1</sup> , Mariela Alfonzo <sup>2</sup> , Kevin Lee <sup>3</sup> .....  | 496 |
| 85128 .....  | 498 |
| A right or a burden: On the dubious joys of motorized mobility .....   | 498 |
| Ángel Aparicio .....   | 498 |
| 84899 .....  | 500 |
| Urban design, time perception and walking - can the study of pedestrians' time perception benefit the design of a walkable urban environment? .....                      | 500 |
| Lisa Marie Brunner .....   | 500 |
| 84059 .....  | 502 |
| Introducing a serious game in a mobility model as a tool for achieve a behaviour change towards low-carbon sharing modes .....   | 502 |
| Sara Carciotti .....   | 502 |
| 84811 .....  | 504 |

|   |     |
|---|-----|
| Understanding daily activity-travel sequences of Londoners .....  | 504 |
| Yiqiao Chen; Silva, Elisabete; Reis, Jose .....   | 504 |
| 85354 .....   | 505 |
| Revisiting transit ridership: Understanding the relationship between different measures of local transit accessibility and the use of transit by different groups of users..... | 505 |
| Ehab Diab .....   | 505 |
| 85245 .....   | 507 |
| Observations of social (un)learning around e-scooter emergence: Case Helsinki .....   | 507 |
| Samira Dibai; Mladenović, Miloš N.; Lopatnikov, Daniel; Rodríguez, Alba Sayrol .....  | 507 |
| 85247 .....   | 509 |
| Discursive co-construction of e-scooter emergence: Comparative study of media and resident feedback in Helsinki .....   | 509 |
| Samira Dibai; Mladenović, Miloš N.; Lopatnikov, Daniel; Rodríguez, Alba Sayrol .....  | 509 |
| 84488 .....   | 511 |
| The role of Transit Oriented Development (TOD) in multi-scale accessibility. Methodological considerations applied to the periphery of Ile-de-France. ....                      | 511 |
| Maya El Khawand, Caroline Gallez .....  | 511 |
| 85076 .....   | 513 |
| Analysing Walkability with a Multidimensional Approach by Using Mobile Methodologies and Understanding the Relationship Among Walkability Indicators .....                      | 513 |
| Arzu Erturan, Asst. Prof. Dr. Bahar Aksel .....   | 513 |
| 84224 .....   | 514 |
| Rescuing accessibility planning from technocracy: critical insights from children .....   | 514 |
| António Ferreira <sup>1</sup> , Anders Larsson <sup>2</sup> .....   | 514 |
| 85132 .....   | 515 |
| Pedestrian profiles in the Netherlands and Europe. Walking, a privilege, a right, or an obligation? ..  | 515 |
| Alessandro Fois, Farzaneh Bahrami .....   | 515 |
| 84495 .....   | 517 |
| Are urban vehicle access regulations just? The dos and don'ts of sustainable urban transformation   | 517 |
| Koos Fransen <sup>1,2</sup> , Jente Versigghel, Sidharta Gautama <sup>1</sup> .....   | 517 |
| 84317 .....   | 518 |
| Research on the optimization of electric bicycle traffic organization in urban public space under the guidance of low-carbon travel .....                                       | 518 |
| Hong Genwei .....   | 518 |

|  |     |
|--|-----|
| 84582 .....  | 520 |
| Mobility (in)equalities index as a method to identify areas for intervention.....  | 520 |
| Sindi Haxhija, Dr. -Ing. David Duran-Rodas, Dr. -Ing. Benjamin Büttner .....   | 520 |
| 84359 .....  | 521 |
| How do we pave a right? – thinking right to mobility from women’s displacements in Rio de Janeiro .....  | 521 |
| Mariana Imbelloni Braga Albuquerque .....  | 521 |
| 85377 .....  | 523 |
| Sustainable mobility challenges and gaps for low density suburbia. Assesment of the community consiouness .....  | 523 |
| Byron Ioannou, Christos Mouzourides, Greg Kalnis, Lora Nicolaou .....  | 523 |
| 85147 .....  | 525 |
| Towards sustainable and seamless island connections: The case of the Dutch Wadden islands .....  | 525 |
| Õnne Kask <sup>1</sup> ; Arts, Jos; Tillema, Taede; Plazier, Paul; Rongen, Tibor <sup>2</sup> .....  | 525 |
| 85149 .....  | 527 |
| Accelerating hub developments for inclusive mobility: key findings from the case of Groningen and Drenthe in the Netherlands .....                               | 527 |
| Õnne Kask <sup>1</sup> ; Arts, Jos; Tillema, Taede; Plazier, Paul; Rongen, Tibor <sup>2</sup> .....  | 527 |
| 85283 .....  | 529 |
| The implications of transport decarbonisation for spatial planning .....   | 529 |
| Maria Käpyvaara .....  | 529 |
| 84471 .....  | 531 |
| Redevelopment of Transport Infrastructure as driver for accelerating societal transitions. An inclusive perspective on sustainable infrastructure planning ..... | 531 |
| Wim Leendertse, Tim Busscher, Jos Arts .....   | 531 |
| 84581 .....  | 533 |
| Optimization of SpaceSyntax computation for large-scale evaluation of urban railway station environments .....   | 533 |
| Jesus Lopez Baeza, Dobroslav Totev, Prof. Dr. Ing. Jörg R. Noennig <sup>1</sup> , Maria Valesse <sup>2</sup> , Herbert Nata <sup>3</sup> .....                   | 533 |
| 85066 .....  | 535 |
| The phase of experimentation in public spaces to promote micromobility: From differentiation to site indication. ....  | 535 |
| Freddy Nogueira; Moura, Filipe; Morais de Sá, Ana .....  | 535 |
| 84300 .....  | 536 |

|  |     |
|--|-----|
| Mixed methods approach to assessing perceived walkability in urban neighbourhoods .....  | 536 |
| Noriko Otsuka; Welsch, Janina; Van der Vlugt, Anna-Lena <sup>1</sup> ; Lättman, Katrin <sup>2</sup> ; De Vos, Jonas <sup>3</sup> .....               | 536 |
| 85119 .....  | 538 |
| Transition experiments with London streets: for whom are they? .....   | 538 |
| Enrica Papa, Emilia Smeds, Tom Cohen .....   | 538 |
| 84482 .....  | 540 |
| Bicycling through the Pandemic, in Car-Country, USA .....  | 540 |
| Daniel Piatkowski <sup>1</sup> , Ali Al-Ramini, Fadi Alsaleem <sup>2</sup> , Alison Freifeld <sup>3</sup> .....                                      | 540 |
| 85080 .....  | 542 |
| Spatial disparities in environmental exposure during walking: a comparison of mobility- and residential-based approach using mobile phone data ..... | 542 |
| Age Poom <sup>1</sup> , Elias Willberg, Joose Helle, Tuuli Toivonen <sup>2</sup> .....   | 542 |
| 84759 .....  | 544 |
| Urban Mobility Lifestyles, Travel behavior, Perceived Health and Life Satisfaction; The Case Of Turku Region .....                                   | 544 |
| Samira Ramezani <sup>1</sup> , Marketta Kytta <sup>2</sup> .....   | 544 |
| 84429 .....  | 546 |
| How last-mile logistics will shape our cities. A stakeholder perspective on city logistics in Western Europe between 2020 and 2035 .....             | 546 |
| Ward Rauws, Paul Plazier .....   | 546 |
| 85160 .....  | 548 |
| Negotiating the development of a rural mobility hub using game theory .....  | 548 |
| Tibor Rongen, Taede Tillema, Jos Arts <sup>1</sup> , Sander Lenferink <sup>2</sup> .....   | 548 |
| 84863 .....  | 550 |
| (No) Drivers For Change – Crises As A Disruption Of Urban Mobility? .....  | 550 |
| Stefanie Ruf; Zwangleitner, Daniel .....   | 550 |
| 85244 .....  | 552 |
| Transit-Activated Corridors and Zero-Carbon Cities: Learning from the experience of pioneers .....   | 552 |
| Jan Scheurer <sup>1</sup> ; Verschuer, Marie; Newman, Peter <sup>2</sup> ; Desha, Cheryl <sup>3</sup> .....  | 552 |
| 84903 .....  | 554 |
| Travel-related neighborhood characteristics and attitudes as a motive for relocation and residential choice .....                                    | 554 |
| Katja Schimohr .....   | 554 |
| 84955 .....  | 556 |

|   |     |
|---|-----|
| Contributing to more just cities with living labs? - An investigation of decision processes .....   | 556 |
| Mareike Schmidt, Marco Kellhammer .....   | 556 |
| 84251 .....   | 557 |
| Socio-spatial determinants of mobility inequality: A big-data analysis of 500 U.S. cities. ....   | 557 |
| Andres Sevtsuk <sup>1</sup> , Rounaq Basu, Anne Hudson, Kloe Ng <sup>1</sup> , Dylan Halpern <sup>2</sup> .....   | 557 |
| 84460 .....   | 558 |
| Fares were just impossible: Geography and rationale of fare-free public transport in Poland .....   | 558 |
| Daniel Štraub <sup>1</sup> ; Maciejewska, Monika; Kęłowski, Wojciech <sup>2</sup> .....   | 558 |
| 84880 .....   | 560 |
| A “Bike System for All” in Silicon Valley: A Data-Driven Analysis of the Factors that Lead to Success   | 560 |
| Ahoura Zandiatashbar <sup>1</sup> , Dr Hilary Nixon <sup>1,2</sup> , Dr Jochen Albrecht <sup>2,3</sup> .....  | 560 |
| 85279 .....   | 562 |
| If, where, and whom: A socio-spatial analysis of transport poverty in the Netherlands .....   | 562 |
| Wendy Tan .....   | 562 |
| 85239 .....   | 564 |
| Evaluating local criteria for implementing Dynamic Road Space Allocation .....  | 564 |
| Gabriel Valença, Filipe Moura <sup>1</sup> , Ana Morais de Sá <sup>2</sup> .....  | 564 |
| 84241 .....   | 566 |
| A car as a luxury good or a necessity? Actual and perceived car dependence: a case study in Ghent<br>(Belgium). ....  | 566 |
| Eva Van Eenoo.....  | 566 |
| 84795 .....   | 567 |
| COVID-19: Survey of European Transport Providers and their Financial Experience .....   | 567 |
| David Weinreich, Karel Martens .....  | 567 |
| 85053 .....   | 569 |
| Operationalising just sustainability: a comparative analysis of justice discourses around low emission<br>zones in London and Brussels .....                              | 569 |
| Thomas Verbeek .....  | 569 |
| 84483 .....   | 571 |
| What do citizens want from railway stations? Insights from a survey experiment .....  | 571 |
| Michael Wicki; Hauller, Sophie; Bernauer, Thomas; Kaufmann, David .....   | 571 |
| 84532 .....   | 573 |
| The Importance of Everyday Mobility in Residential Location Decisions of Berlin Households – First<br>Results from an Innovative Approach to a Complex Relationship ..... | 573 |

|  |     |
|--|-----|
| Annika Wismer; Gerwinat, Verena .....  | 573 |
| 85121 .....  | 575 |
| Addressing accessibility in peripheral areas: concepts, challenges and perspectives .....  | 575 |
| Elisabetta Vitale Brovarone; Cotella, Giancarlo; Staricco, Luca .....  | 575 |
| 85204 .....  | 577 |
| Good in theory, complicated in practice: understanding conflicts behind pedestrianisation initiatives in Turin .....   | 577 |
| Elisabetta Vitale Brovarone; Staricco, Luca <sup>1</sup> ; Verlinghieri, Ersilia <sup>2</sup> .....  | 577 |
| 85055 .....  | 579 |
| What is a street? And where can it really take us? .....   | 579 |
| Kim Carlotta von Schönfeld <sup>1</sup> ; Bertolini, Luca <sup>2</sup> ; Ferreira, António <sup>3</sup> ; Papa, Enrica <sup>4</sup> .....                    | 579 |
| 84972 .....  | 581 |
| Applying mental envelope theorem in human-centered public spaces .....   | 581 |
| Tetsuo Yai; Zhou, Lubing .....   | 581 |
| 84453 .....  | 583 |
| Comparative study on spatial characteristics and walkability evaluation of historical areas based on deep learning of street-view image segmentation .....   | 583 |
| Kun Yuan, Kensuke Yasufuku, Akira Takahashi, Hirokazu Abe <sup>1</sup> , Noriko Otsuka <sup>2</sup> .....  | 583 |
| TRACK 8: URBAN DESIGN.....   | 585 |
| 85482 .....  | 585 |
| A New Building Greenways: As a Case Study of Eskisehir in Turkey .....   | 585 |
| Bülent Açma .....  | 585 |
| 84352 .....  | 587 |
| Physical Environmental Determinants of Children’s Place Attachment: Evidence from Children’s Place Attachment Maps .....                                     | 587 |
| Yağmur Aşçı <sup>1</sup> ; Aydın, Neşe; Yıldırım, Göksun; Altıntaş, Ebru; Çoban, Aybüke Balahun; Özgür, Fatma Yağmur; Severcan, Yücel Can <sup>2</sup> ..... | 587 |
| 84304 .....  | 589 |
| Placemaking as an Instrument for Psychological Wellbeing and Urban Health .....  | 589 |
| Mariya Badeva .....  | 589 |
| 85332 .....  | 591 |
| Healthy cities: a model of proximity to the city of Florence .....   | 591 |
| Elisa Caruso, Valeria Lingua.....  | 591 |
| 85157 .....  | 593 |



|  |     |
|--|-----|
| Habitability of the peri-urban area of the City of Prague .....  | 593 |
| Adéla Chmelová .....   | 593 |
| 85253 .....  | 595 |
| Breaking the “Big Box”: Urban Redevelopment of Declining Commercial District in the Era of E-commerce and the Pandemic .....               | 595 |
| Xiaofan Deng .....   | 595 |
| 85034 .....  | 597 |
| Healthy urban regions: Networks of second-tier port cities as frontrunners in reinventing future-proof cities .....                        | 597 |
| Lukas Höller; Cardoso, Rodrigo; Hein, Carola .....   | 597 |
| 83100 .....  | 599 |
| Green Space Availability, Socioeconomic Status and Onset Risk of COVID-19 in Hong Kong: a Spatial Justice Perspective .....                | 599 |
| Izzy Yi Jian; SIU, Kin Wai Michael; YAO, Terry Yepeng; VILLANI, Caterina .....   | 599 |
| 84498 .....  | 600 |
| Importance of reclamation of post-industrial areas near cities, challenges to overcome and how it changes the city into smart cities ..... | 600 |
| Jobin Josh .....   | 600 |
| 85328 .....  | 602 |
| Green space, wellbeing and COVID-19: a survey from London, UK .....  | 602 |
| Krystallia Kamvasinou, Rachel Aldred, Nina Smyth .....   | 602 |
| 83750 .....  | 604 |
| Social Cohesion Potential of Indian Streets .....  | 604 |
| Sanjeev Kumar <sup>1</sup> ; Aelbrecht, Patricia <sup>2</sup> .....  | 604 |
| 82351 .....  | 606 |
| Transformative Approaches to Mitigate the Impacts of Boom-and-Bust in Declining Urban Communities .....                                    | 606 |
| Jesus Lara .....   | 606 |
| 84260 .....  | 607 |
| Planning practice for privately owned public space in Germany. The case of Hafencity, Hamburg. ...   | 607 |
| Dahae Lee, Nele Scholten .....   | 607 |
| 84583 .....  | 609 |
| Logar do Falcão transformation: a proximity process for a collective urban space definition .....  | 609 |
| Vitório Leite .....  | 609 |

|  |     |
|--|-----|
| 83936 .....  | 611 |
| Public Art and Identity in Emergent Communities: a comparative study of Portugal and the United Kingdom .....  | 611 |
| John McCarthy .....  | 611 |
| 85277 .....  | 612 |
| Participatory reinvention of public space in remote places: Smoties review of best European practices .....  | 612 |
| Matej Nikšič, Nina Goršič .....  | 612 |
| 83562 .....  | 614 |
| Proposing a complex urban pattern and integrated sustainable framework for Smart Cities .....  | 614 |
| Shima Norouzi Kandelan, Mohammadjavad Mahdavinejada.....   | 614 |
| 85311 .....  | 616 |
| Pandemic's effects: towards a more holistic paradigm. ....   | 616 |
| Lucia Nucci .....  | 616 |
| 85303 .....  | 617 |
| Villa Mondeggi Project: new ways of living together .....  | 617 |
| Carlo Pisano, Giuseppe De Luca, Andrea Ferrannini, Mario Biggeri .....   | 617 |
| 85199 .....  | 619 |
| Wellbeing score (WBS) for evaluating the quality of the built environment: The integration of "objective" physiological and "subjective" psychological responses of citizens to the spatial characteristics of public places ..... | 619 |
| Viktorija Prilenska; Dembski, Fabian; Grišakov, Kristi; Cerrone, Damiano; Ingver, Priit .....  | 619 |
| 84433 .....  | 621 |
| Measuring School Spaces beyond pandemic. Learnings from two cities in Northern Italy .....   | 621 |
| Cristina Renzoni, Paola Savoldi .....  | 621 |
| 84042 .....  | 623 |
| Can Neighbourhood Sustainability Assessment tools improve urban wellbeing? .....   | 623 |
| Rosaria Revellini .....  | 623 |
| 85890 .....  | 625 |
| HISTORIC PRECEDENTS OF THE X-MINUTE CITY .....   | 625 |
| Alcestis Rodi .....  | 625 |
| 85318 .....  | 627 |
| Age-Friendly Communities in Estonia: Supporting Healthy Ageing by Spatial Interventions. Challenges for Urban Planning and Design .....  | 627 |

|  |     |
|--|-----|
| Sirle Salmistu .....   | 627 |
| 85374 .....  | 629 |
| Mobility in the historic city - Redefining corridors of mobility for all .....   | 629 |
| Andreas Savvides .....   | 629 |
| 85141 .....  | 631 |
| Digital tools to plan health-promoting urban environments.....   | 631 |
| Julian Schmitz, Stefan Fina <sup>1</sup> , Martina Kanning, Christina Niermann, Lukas Bollenbach <sup>2</sup> .....    | 631 |
| 84494 .....  | 633 |
| Greening Wadis as a strategic tool for green infrastructure .....  | 633 |
| Dr. Wolfgang Scholz .....  | 633 |
| 85229 .....  | 635 |
| Places, pandemic and multiple risks: new emerging urban challenges.....  | 635 |
| Marichela Sepe .....   | 635 |
| 85201 .....  | 636 |
| Urban beekeeping. Designing spaces of cohabitation between humans and bees in the urban environment .....              | 636 |
| Dalila Sicomo .....  | 636 |
| 84266 .....  | 638 |
| Developing a 360° built-environment assessment for urban research and planning practice .....                          | 638 |
| Frank Suurenbroek <sup>1</sup> , Gideon Spanjar <sup>1,2</sup> ; Schramkó, Sába <sup>1</sup> .....                     | 638 |
| 84133 .....  | 640 |
| The interplay between activities performed in the physical and digital sphere - effects of the COVID-19 pandemic ..... | 640 |
| Roy Zaban; Plaut, Pnina .....  | 640 |
| 85274 .....  | 642 |
| Healthy Urban Blue: A methodological framework for linking human health and blue space design .                        | 642 |
| Haoxiang Zhang; Steffen, Nijhuis; Caroline, Newton .....   | 642 |
| 84919 .....  | 644 |
| Evaluation of climate-oriented planning and design tools for "street open space" in the local roads                    | 644 |
| Yu-Hsin Tsai; Lin, Chia-Ching; Chung, Chia-yu .....  | 644 |
| 85047 .....  | 646 |
| Pandemic-induced street experiments: problem-solving character and the potential to enable systemic change .....       | 646 |
| Lennert Verhulst .....   | 646 |

|  |     |
|--|-----|
| 84294 .....  | 648 |
| Exploring the Link Between Built Environment and Children’s Happiness in Ankara, Turkey .....  | 648 |
| Göksun Yıldırım; Aydın, Neşe; Çoban, Aybüke Balahun; Özgür, Fatma Yağmur; Altıntaş, Ebru;<br>Severcan, Yücel Can <sup>1</sup> ; Aşçı, Yağmur <sup>1,2</sup> .....  | 648 |
| TRACK 9: SPATIALITIES .....  | 650 |
| 82974 Translating social exclusion of vulnerable groups into space: An alternative review through<br>print and social media .....  | 650 |
| Basak Akarsu; Ozmen, Cansu; Waite, Imge Akcakaya .....   | 650 |
| 84978 .....  | 652 |
| Towards a moped-style scooter regulation that favours social and spatial equity: Findings from semi-<br>structured interviews from Barcelona’s mobility ecosystem .....                                    | 652 |
| Xavier Bach; Marquet, Oriol; Miralles-Guasch, Carme .....  | 652 |
| 85227 .....  | 654 |
| Creating an “in-between”: The post-migrant perspective in participatory urban development .....  | 654 |
| Robert Barbarino, Hanna Seydel .....   | 654 |
| 83827 .....  | 655 |
| CIVIC ACT 2 : local public action and collective mobilization in the Great Paris, the place of socio-<br>environmental inequalities .....  | 655 |
| Nathalie Blanc <sup>1,2</sup> , Jean Chiche <sup>2,3,4</sup> , Hugo Rochard <sup>1</sup> , Eléonore Genest <sup>3,5</sup> , Diego Antolinos Basso <sup>3,6,4</sup> ,<br>Caroline Gallez <sup>7</sup> ..... | 655 |
| 84604 .....  | 657 |
| Tourist Digital Imprints: Towards a Sustainable Smart City .....   | 657 |
| Ines Boavida-Portugal .....  | 657 |
| 85046 .....  | 658 |
| Delineations of Justice in an Oil City: Nature, Capital, and the Geographies of Urban Inequality .....   | 658 |
| Ricardo Cardoso .....  | 658 |
| 83130 .....  | 659 |
| The investment interest and the land-use management. The case study of the coastal Metropolitan<br>Area of Attica, Greece. ....  | 659 |
| Vasiliki Charalampidou .....   | 659 |
| 84717 .....  | 661 |
| The Displacement Story of Yıldız Campus, Istanbul .....  | 661 |
| Cansu Çiçek <sup>1</sup> ; Aydın, Enes <sup>2</sup> .....  | 661 |
| 84627 .....  | 663 |

|   |     |
|---|-----|
| Urban informality as a land redistribution problem. A critical cartography of housing typologies in São Paulo .....   | 663 |
| Alejandro De Castro Mazarro.....  | 663 |
| 85259 .....   | 664 |
| Designing the Just City: the promising life of the small urban spaces .....   | 664 |
| Daniela De Leo, Sara Altamore .....   | 664 |
| 85031 .....   | 665 |
| The values of managing public space – exploring managers’ perspectives beyond planning and design .....   | 665 |
| Eva Duivenvoorden <sup>1</sup> ; Hartmann, Thomas <sup>2</sup> .....  | 665 |
| 84512 .....   | 667 |
| Exploring the role of community enterprise organisations and their community assets in urban regeneration and gentrification .....  | 667 |
| Alice Earley .....  | 667 |
| 85165 .....   | 669 |
| Unequal Estonia: Regional disparities and their consequences on socio-spatial justice .....   | 669 |
| Stefan Fina, Bastian Heider .....   | 669 |
| 85040 .....   | 671 |
| The spatial and social structure of income inequality in Germany .....  | 671 |
| Oana Garbasevski <sup>1,2,3</sup> ; Taubenböck, Hannes <sup>2,3,4</sup> ; Schüle, Paul <sup>1,5</sup> ; Baarck, Julia <sup>1,5</sup> ; Hufe, Paul <sup>6,7</sup> ; Peichl, Andreas <sup>1,5,7</sup> ..... | 671 |
| 84516 .....   | 673 |
| Living together in Dortmund-Hörde: Upper middle-class newcomers and long-established working-class residents in a neighbourhood of contrasts .....  | 673 |
| Verena Gerwinat .....   | 673 |
| 85057 .....   | 675 |
| Tourism growth at the expenses of tourist sector workers. The case of Barcelona, 2008-2021. ....  | 675 |
| Alejandro González Domingo, Riccardo Valente, Antonio Paolo Russo .....   | 675 |
| 84563 .....   | 677 |
| Comparing patterns of densification in Utrecht and Bern: A method to evaluate the redistributive effects of land policies .....   | 677 |
| Vera Götze <sup>1</sup> ; Jehling, Mathias <sup>2</sup> .....   | 677 |
| 84062 .....   | 679 |
| Revisiting the planning paradigm of ‘stable neighbourhoods’ and social mix in times of migration, diversity and growing socio-spatial injustice .....   | 679 |

|   |     |
|---|-----|
| Heike Hanhörster, Miriam Nessler .....  | 679 |
| 85051 .....   | 681 |
| Enhancing cultural diversity and inclusion in participatory knowledge building through social design –<br>Case Kontula Mall, Finland .....                    | 681 |
| Eveliina Harsia; Nummi, Pilvi.....  | 681 |
| 84282 .....   | 683 |
| Reading New Urban Practice in Syrian Neighborhoods in Ankara Through Forced Migration .....   | 683 |
| Damla Isiklilar .....   | 683 |
| 85140 .....   | 685 |
| Injustice as a future crises? Experiences from spatial planning in Hamburg, Copenhagen, Oslo and<br>Helsinki .....  | 685 |
| Johanna Lilius .....  | 685 |
| 84337 .....   | 686 |
| Spatial-temporal Accessibility of Elderly-care Service Facilities: A Case Study of Tianjin, China .....   | 686 |
| Bangyu Liu; Zhang, Tianjie; Qiu, Ning.....  | 686 |
| 84419 .....   | 688 |
| Size Does Matter: Justice versus Equality in Urban Green Space Policy in Beersheba Israel .....   | 688 |
| Rani Mandelbaum .....   | 688 |
| 84850 .....   | 689 |
| Working from Home after Covid-19 - the changing relationship between spatial planning and gender<br>inequality .....  | 689 |
| Yaara Mann, Dr. Ravit Hananel .....   | 689 |
| 84468 .....   | 691 |
| Being a lesbian in parisian transport: self-representation confronting gender-based violence .....  | 691 |
| Manon Marguerit .....   | 691 |
| 84668 .....   | 692 |
| Socio-spatial justice through public participation? How different socioeconomic groups perceive<br>measures from a mobility planning process in Hamburg ..... | 692 |
| Laura Mark; Escher, Tobias; Huseljić, Katharina .....   | 692 |
| 84591 .....   | 694 |
| Social support services for elderly in Portuguese cities – challenges for local planning in pos-pandemic<br>times .....                                       | 694 |
| Eduarda Marques da Costa, Nuno Marques da Costa, Marcela Barata, Mariana Dias .....   | 694 |
| 85108 .....   | 695 |

|   |     |
|---|-----|
| The aftermath: co-production of social life in post-pandemic public space .....   | 695 |
| Martina Massari <sup>1</sup> , Francesca Sabatini <sup>2</sup> .....  | 695 |
| 85190 .....   | 697 |
| High schools and territorial vulnerabilities in the metropolitan city of Milan (Italy) .....  | 697 |
| Cristiana Mattioli; Manfredini, Fabio .....   | 697 |
| 84257 .....   | 699 |
| Beyond global gains and local pains - spatial inequality of hinterland logistics .....  | 699 |
| Merten Nefs .....   | 699 |
| 84956 .....   | 701 |
| Activating the commons beyond leftist imaginaries. The case of Paraisópolis. ....   | 701 |
| Caroline Newton; Roberto Rocco .....  | 701 |
| 85300 .....   | 703 |
| Public facilities planning: The models of spatial distribution for the sustainable city on the case of<br>Kranj, Slovenia.....  | 703 |
| Matej Nikšič, Sabina Mujkić, Igor Bizjak .....  | 703 |
| 85146 .....   | 705 |
| Who thinks about regional space? .....  | 705 |
| Lasse Schytt Nørgaard; Galland, Daniel <sup>1</sup> ; Kirkeby Petersen, Morten <sup>2</sup> .....   | 705 |
| 84885 .....   | 707 |
| Diverging conceptualisations of 'urban voids' and 'left-behind places' in contemporary urban<br>discourse. A comparative study of Eleonas in Athens, Greece and Sacriston in County Durham, UK. 707 |     |
| Dimitrios Panayotopoulos-Tsiros .....   | 707 |
| 84403 .....   | 709 |
| [RESHARE] Resource sharing in residential buildings: Innovative approaches to shared, circular<br>mobility and space solutions as a gateway for smart consumption .....                             | 709 |
| Tanu Priya Uteng, Andre Uteng .....   | 709 |
| 85302 .....   | 711 |
| Towards a 'just' (re)settlement: Interrogating grassroots agency in precarious 'post-disaster' contexts<br>.....  | 711 |
| Redento Recio <sup>1</sup> , Khristina U. Umali <sup>2</sup> .....  | 711 |
| 84931 .....   | 713 |
| Just data? Hyperscale data centers and their implications for spatial justice. ....   | 713 |
| Claudia Rot .....   | 713 |
| 85161 .....   | 715 |

|   |     |
|---|-----|
| Navigating the (Un)Grounded Tension between Spatial Change and Fixity .....   | 715 |
| Mohamed Saleh .....   | 715 |
| 84111 .....   | 717 |
| Adaptability, responsibility and care: reframing planning theories .....  | 717 |
| Yael Savaya, Professor Nurit Alfasi .....   | 717 |
| 84364 .....   | 719 |
| Design Framework for Neighbourhood Resilience: Combining human and other-than-human perspectives into an integrated approach .....                      | 719 |
| Sába Schramkó; Boon, Boudewijn; Gualtieri, Giulia; Prof. Dr. de Waal, Martijn; Prof. Dr. Suurenbroek <sup>1</sup> ; Andaloro, Bianca <sup>2</sup> ..... | 719 |
| 83975 .....   | 721 |
| Beyond planning for the ant: Towards a redefinition of the human species and its implications for planning .....  | 721 |
| Tanzil Shafique .....   | 721 |
| 84996 .....   | 723 |
| Enriching or Violent? Ambivalent Experiences throughout Displacement and Resettlement in South-eastern Turkey. ....                                     | 723 |
| Cansu Sonmez .....  | 723 |
| 84382 .....   | 725 |
| [Un]making Spatial Injustice Through Gender Exclusion .....   | 725 |
| Sadaf Tabatabaei .....  | 725 |
| 85334 .....   | 727 |
| Inclusive planning: expert claims, citizens' expectations, and implementation challenges to socio-spatial justice .....                                 | 727 |
| Milena Tasheva-Petrova; Dimitrova, Elena .....  | 727 |
| 84985 .....   | 729 |
| Tale from Tigris River. River Right as Human right: The Cases of Hasankeyf and Hevsel Gardens, Turkey .....   | 729 |
| Didem Turk; Giaccone, Elena <sup>1</sup> ; Kaya, Berçem <sup>2</sup> .....  | 729 |
| 85314 .....   | 731 |
| Blue infrastructure study in Warsaw. Typology and perception. ....  | 731 |
| Anna Wilczyńska, Mysza Izabela <sup>1</sup> , Bell Simon <sup>2</sup> .....   | 731 |
| TRACK 10: EDUCATION .....   | 733 |
| 84962 .....   | 733 |



|  |     |
|--|-----|
| Education for the planning we need. ....   | 733 |
| Verena Balz, Remon Rooij, Caroline Newton .....  | 733 |
| 84934 .....  | 735 |
| Training urban and regional planners, for which career? Evidence from Italy.....   | 735 |
| Federica Bonaverò; Cassatella, Claudia; Bonaverò, Federica .....   | 735 |
| 84088 .....  | 737 |
| Outside the ivory tower: the role and the impacts of service-learning in urban studies education,<br>research and university third mission ..... | 737 |
| Francesca Bragaglia, Rossignolo Cristiana .....  | 737 |
| 84916 .....  | 739 |
| Towards an Atlas of Italian school infrastructure. Educational networks, proximity, and urbanity in<br>low-density territories .....             | 739 |
| Renzoni Cristina; Donadoni, Ettore; Mattioli, Cristiana; Savoldi, Paola.....   | 739 |
| 85038 .....  | 741 |
| Roundtable: A systems view of social learning in planning - is all learning desirable? .....   | 741 |
| Susanne Eräranta <sup>1</sup> , Kim Carlotta von Schönfeld <sup>2</sup> .....  | 741 |
| 85216 .....  | 742 |
| Towards inquiry-based learning in spatial development: a workshop at Corviale, Rome .....  | 742 |
| Federica Fava <sup>1</sup> , Prof. Heike Oevermann <sup>2</sup> .....  | 742 |
| 85169 .....  | 744 |
| Student-led learning through serious board games .....   | 744 |
| Steven Forrest .....   | 744 |
| 84048 .....  | 746 |
| “You can imagine it a bit like a Bazaar”: How organisational practices shape primary school<br>segregation .....                                 | 746 |
| Alina Goldbach, Heike Hanhörster <sup>1</sup> , Isabel Ramos Lobato <sup>2</sup> .....   | 746 |
| 85224 .....  | 748 |
| Coping with the unknown future in planning education. Didactic possibilities for utilizing scenario<br>thinking. ....                            | 748 |
| Kristi Grišakov .....  | 748 |
| 85343 .....  | 750 |
| Distance Education during the Pandemic: Experiences from Urban Design and Planning Studio Courses<br>in Greek Universities .....                 | 750 |
| Garyfallia Katsavounidou .....   | 750 |

|  |     |
|--|-----|
| 84528 .....  | 752 |
| A Collaborative Teaching and Learning Experience between Germany & Turkey: Hybrid Learning for Participatory Processes in Urban Development .....    | 752 |
| Umut Kienast-Duyar <sup>1</sup> , Assist. Prof. Dr. Yasemin Sarıkaya Levent, Assoc. Prof. Dr. Tolga Levent <sup>2</sup> ....                         | 752 |
| 85234 .....  | 754 |
| On the Multiple Senses of Ludic Urban Spaces .....   | 754 |
| Ran Pan; Kousoulas, Stavros; Chan, Paul .....  | 754 |
| 84254 .....  | 756 |
| Degree Apprenticeships - a new pathway in spatial planning education .....   | 756 |
| Kat Salter; Frank, Andrea; Barber, Austin .....  | 756 |
| 84492 .....  | 758 |
| Are Urban Planning Schools in the Global South Prepared for Current Challenges of Climate Change and Disaster Risks? .....                           | 758 |
| Wolfgang Scholz .....  | 758 |
| 84450 .....  | 760 |
| Parents' perceptions of residential segregation within the school district in Suzhou, China .....  | 760 |
| Yuqing Zhang, Hyungchul Chung .....  | 760 |
| 85294 .....  | 762 |
| Learning by playing games: involving and educating the younger inhabitants to the awareness and imagination of the city .....                        | 762 |
| Valentina Rossella Zucca .....   | 762 |
| 85326 .....  | 764 |
| SHEDDING LIGHT ON THE COMPETENCE AND LIMITATIONS OF CITY AND REGIONAL PLANNING EDUCATION IN TURKEY.....  | 764 |
| Sıla Ceren Varış; Gönül, Dilcu; Varış, Sıla Ceren .....  | 764 |
| TRACK 11: RESOURCES.....   | 766 |
| 84093 .....  | 766 |
| An ecosystem services-based model for the reclassification of urban destinations in urban plans for the purpose of minimizing land consumption ..... | 766 |
| Valentina Adinolfi, Michele Grimaldi, Isidoro Fasolino .....   | 766 |
| 85301 .....  | 768 |
| Planning for Protecting Healing Waters .....   | 768 |
| Magdalena Belof .....  | 768 |
| 85107 .....  | 769 |

|   |     |
|---|-----|
| Design-led resilience planning for transformative change: a comparison of Rebuild by Design and Water as Leverage. ....             | 769 |
| Arvani Chandramidi; van den Brink, Margo; Arts, Jos; Kempenaar, Annet .....   | 769 |
| 84340 .....   | 771 |
| Towards flood resiliency among small and medium-sized enterprises (SMEs): how to trigger adaptive behavior? .....                   | 771 |
| Peter Davids .....  | 771 |
| 85335 .....   | 773 |
| Local sustainable energy and climate action plans in building the culture of integrated urban planning. The case of Sofia .....     | 773 |
| Elena Dimitrova, Angel Burov .....  | 773 |
| 84549 .....   | 775 |
| Risk mitigation protocol. A proposal for optimising fragmentary Italian risk mitigation .....                                       | 775 |
| Allegra Eusebio <sup>1</sup> ; Cerasoli, Mario <sup>2</sup> .....   | 775 |
| 85181 .....   | 777 |
| Flood Resilience in Unequal Places: Learning to live with floods in Hull .....  | 777 |
| Steven Forrest .....  | 777 |
| 85250 .....   | 779 |
| Territorial Planning Laboratory for Fostering Cross-border Cooperation .....  | 779 |
| Milan Husar; Finka, Maroš .....   | 779 |
| 84065 .....   | 781 |
| Framework conditions of growing flood damage potential in areas with residual risk ('levee effect') – a case study of Austria ..... | 781 |
| Lena Junger; Seher, Walter .....  | 781 |
| 84871 .....   | 783 |
| Why do projects for renewable energy facilities encounter opposition from local communities? The case of Greece. ....               | 783 |
| Konstantinos Kavouras, Sapountzaki Kalliopi .....   | 783 |
| 84614 .....   | 785 |
| Multi-hazard-risk Assessment of Coastal Megacities: A Case Study of Shanghai .....  | 785 |
| Chun Li, Maurizio Tiepolo .....   | 785 |
| 84474 .....   | 787 |
| Collecting and sharing risk-knowledge to support metropolitan spatial and strategic plans .....                                     | 787 |
| Giada Limongi .....   | 787 |

|   |     |
|---|-----|
| 85375 .....   | 789 |
| TOWARDS THE ADRIATIC CLIMATE TRANSITION. A METHODOLOGICAL FRAMEWORK FOR SPATIAL<br>PLANNING PROCESSES FOR ADAPTATION IN THE ADRIATIC REGION. .... | 789 |
| Filippo Magni; Carraretto, Giovanni .....   | 789 |
| 84292 .....   | 791 |
| How to create a more effective dialogue between emergency planning and spatial planning tools ..  | 791 |
| Giulia Motta Zanin <sup>1</sup> , Limongi Giada <sup>2</sup> , dall'Omo Carlo Federico <sup>3</sup> .....   | 791 |
| 85077 .....   | 793 |
| Giving a systemic dimension to heavy rainfall risk mitigation in local planning .....   | 793 |
| Vittore Negretto; Musco, Francesco .....  | 793 |
| 85295 .....   | 794 |
| The susceptibility of urban areas in Europe to vector-borne diseases spread by the Asian Tiger<br>mosquito .....                                  | 794 |
| Sandra Oliveira; Rocha, Jorge; Capinha, César .....   | 794 |
| 85312 .....   | 796 |
| Disaster and refund. Unanswered questions on planning accountability in socio-natural disasters: the<br>Sarno landslide .....                     | 796 |
| Giovanni Parisani .....   | 796 |
| 84309 .....   | 798 |
| A System Dynamics approach of urban decentralized energy systems integration into the current<br>energy market .....                              | 798 |
| Anton Rozhkov .....   | 798 |
| 85065 .....   | 800 |
| A multi-level Thermal Comfort Assessment (TCA) to identify and mitigate heat stress risks in urban<br>areas .....                                 | 800 |
| Gideon Spanjar; Kluck, Jeroen; Erwin, Stephanie; Schramkó, Sába; Föllmi, Dante <sup>1</sup> ; Bartlett, Debbie <sup>2</sup><br>.....              | 800 |
| 84275 .....   | 802 |
| Regional Climate Impact Analyses for NRW - an Innovative Knowledge Transfer for Climate Adaptation<br>.....                                       | 802 |
| Juliane Wright, Alina Tholen .....  | 802 |
| 85299 .....   | 804 |
| Public participation as key for Transition .....  | 804 |
| Daniel Youssef, Hartmut Dumke, Elias Grinzinger .....   | 804 |
| TRACK 12: ECOLOGIES.....  | 806 |

|   |     |
|---|-----|
| 84236 .....   | 806 |
| Designing resilient urban climates with ecological shifts .....   | 806 |
| João Cortesão; Le Clec'h, Solen; Luo, Sitong .....  | 806 |
| 84135 .....   | 808 |
| THE EMSCHER CONVERSION AS A WINDOW OF OPPORTUNITY FOR A TRANSFORMATIVE APPROACH<br>TO CLIMATE CHANGE ADAPTATION IN THE RUHR METROPOLIS .....    | 808 |
| Stephan Treuke .....  | 808 |
| 85211 .....   | 810 |
| Trade-offs in the implementation of nature-based solutions to curb urban heat islands: green<br>gentrification in 'Red Vienna'? .....           | 810 |
| Michael Friesenecker <sup>1,2</sup> ; Thaler, Thomas <sup>2</sup> .....   | 810 |
| 85310 .....   | 812 |
| Dutch farmers' preferences for the application of circular agriculture: organic matter as a soil<br>conditioner: A choice experiment. ....      | 812 |
| Maaïke Happel, Dr. Francesco Orsi, Professor dr. Martha Bakker .....  | 812 |
| 84117 .....   | 814 |
| Adaptation strategies for drought in rural areas .....  | 814 |
| Sophie Holtkötter; Sassen, Hannah; Wright, Juliane .....  | 814 |
| 84567 .....   | 816 |
| Relationship between urban compactness and air pollution: a case study of the main urban area of<br>Chongqing .....                             | 816 |
| Jinjing Hu, Yong Huang .....  | 816 |
| 84423 .....   | 817 |
| Integrating ecosystem knowledge into spatial planning: insights from Slovenia.....  | 817 |
| Barbara Kostanjšek, dr. Mojca Golobič .....   | 817 |
| 84461 .....   | 819 |
| The Food Atlas of Monsampolo del Tronto: leveraging local government action to improve the<br>sustainability of local food systems .....        | 819 |
| Luca Lazzarini <sup>1</sup> ; Stimilli, Flavio <sup>2</sup> .....   | 819 |
| 84199 .....   | 821 |
| Comparative analysis of urban microclimate data using S-DoT and LANDSAT 8 and analysis of<br>difference in Heat Island Intensity in Seoul ..... | 821 |
| Jaejun Lee, Dahve Kim; Bae, Woongkyoo .....   | 821 |
| 84657 .....   | 822 |

|  |     |
|--|-----|
| The future in the hands of the young generation. Sustainable development through the eyes of generation Z .....                                | 822 |
| Ewelina Lopata <sup>1,2</sup> , Krzysztof Rogatka, Aleksandra Lewandowska <sup>2</sup> .....   | 822 |
| 85194 .....  | 824 |
| Rethinking green infrastructures planning in peri-urban areas: a socio-ecological approach to agropark networks in metropolitan regions .....  | 824 |
| Isabel Loupa-ramos; Partidário, Maria <sup>1</sup> ; Hoyos-Rojas, Lina <sup>2</sup> .....  | 824 |
| 85371 .....  | 826 |
| From the Ground Up: Regional Design in the Alabama Black Belt .....  | 826 |
| Samuel Maddox .....  | 826 |
| 84114 .....  | 828 |
| Green Space Creation in Coordination with Healthy Cities Policy in Japan .....   | 828 |
| Tomoko Miyagawa <sup>1</sup> , Noriko Otsuka <sup>2</sup> , Hirokazu Abe <sup>3</sup> .....  | 828 |
| 85284 .....  | 830 |
| Co-creation for Climate Change. Responsible Research & Innovation Approach .....   | 830 |
| Joanna Morawska; Churski, Paweł; Mizgajski, Andrzej; Fagiewicz, Katarzyna; Lupa, Piotr; Herodowicz, Tomasz; Kaczmarek, Patryk .....            | 830 |
| 84957 .....  | 832 |
| From nature conservation towards functional agrobiodiversity. Making sense of biodiversity in Dutch agricultural landscapes .....              | 832 |
| Huub Ploegmakers, Henk-Jan Kooij .....   | 832 |
| 85260 .....  | 834 |
| Regenerate neglected urban fabrics: tools, forms, and scale of project .....   | 834 |
| Kevin Santus; Valente, Ilaria; Lavagna, Monica; Corradi, Emilia .....  | 834 |
| 84261 .....  | 836 |
| Becoming the greenest industrial region in Europe - Strategic Development of Green Infrastructure and NBS in the Ruhr Metropolis, Germany..... | 836 |
| Hanna C. Schmitt; Wenning, Tino; Budinger, Anne .....  | 836 |
| 85370 .....  | 838 |
| Cities embodying circularity. Programs and tools for the regeneration of the built environment in Europe .....                                 | 838 |
| Federica Vingelli .....  | 838 |
| 84320 .....  | 840 |
| Study on the Capacity of Nine Cities in the Greater Bay Area to Cope with Climate Change Based on the Risk City Theory .....                   | 840 |

|   |     |
|---|-----|
| Ge Xuan <sup>1</sup> ; Shifu,Zhang <sup>2</sup> ; Azhao,Zhang <sup>3</sup> .....  | 840 |
| TRACK 13: POLITICS.....   | 842 |
| 85125 .....   | 842 |
| The city and its citizens .....   | 842 |
| Anavil Ahluwalia .....  | 842 |
| 84442 .....   | 843 |
| (In) Socio-spatial Justice: Analysis of the plans for the villas of CABA (2016-2019). .....   | 843 |
| Eva Álvarez de Andrés; María Verónica Moya Camba .....  | 843 |
| 84458 .....   | 845 |
| Theorizing on the symbolic values of space in times of growing political tensions .....   | 845 |
| Maciej Borsa <sup>1</sup> , Magdalena Belof <sup>2</sup> .....  | 845 |
| 84892 .....   | 847 |
| Dialogue and deliberation two transport megaprojects. ....  | 847 |
| Daniel Durrant .....  | 847 |
| 85356 .....   | 848 |
| A Meta-Synthesis Study on the Place of Urban Transformation in Turkey's Urbanization: The Example<br>of Planning Journal .....                  | 848 |
| Albeniz Tuğçe Ezme Gürlek <sup>1</sup> , Assistant Proffesor Gizem Aksümer Kaynarca <sup>2</sup> .....  | 848 |
| 84508 .....   | 850 |
| Climate Transition Strategies at the local scale towards new forms of multilevel governance for<br>resilience and territorial cohesion .....    | 850 |
| Elena Ferraioli; Litt, Giovanni; Magni, Filippo; Lucertini, Giulia .....  | 850 |
| 84161 .....   | 852 |
| Planning knowledge in city master planning processes: A comparison of two cities in Israel .....  | 852 |
| Jesse Fox, Talia Margalit.....  | 852 |
| 84521 .....   | 853 |
| Depopulation and shrinkage in a Norwegian context: Perspectives, processes, and policies. Findings<br>from a preliminary research project ..... | 853 |
| Aksel Hagen, Nora Warhuus Samuelson <sup>1</sup> , Kjell Overvåg <sup>2</sup> , Trude Eide <sup>3</sup> , Ulla Higdem .....                     | 853 |
| 84285 .....   | 855 |
| Universal University? Micro-geographical assessments of knowledge inputs for digital firms .....  | 855 |
| Vanessa Hellwig .....   | 855 |
| 84947 .....   | 856 |

|  |     |
|--|-----|
| Space for peri-urban farming: residents lived experiences with agriculture in the planning of new peri-urban Oosterwold, Almere, The Netherlands ..... | 856 |
| Jan Eelco Jansma; Wertheim-Heck, Sigrid .....  | 856 |
| 84936 .....  | 857 |
| Local Opportunity Structures for Planning-related Protest in major German Cities .....   | 857 |
| Gerhard Kienast; Bertram, Grischa; Kienast, Gerhard .....  | 857 |
| 84229 .....  | 859 |
| International post-growth perspectives in spatial planning: convergence or divergence? .....   | 859 |
| Christian Lamker <sup>1</sup> ; von Schönfeld, Kim Carlotta <sup>2</sup> .....   | 859 |
| 84427 .....  | 861 |
| Counter-hegemonic Practices in Urban Redevelopment: The Case of the Dakota Crescent Housing Estate in Singapore .....                                  | 861 |
| Jan Lim; Van den Broeck, .....   | 861 |
| 84417 .....  | 863 |
| Rules are Made to be Broken: National Planning Laws, Earthquakes and Emergency Policies in Israel and Italy .....                                      | 863 |
| Rani Mandelbaum <sup>1,2</sup> ; Margalit, Talia <sup>1</sup> ; Pizzo, Barbara <sup>2</sup> .....  | 863 |
| 84797 .....  | 865 |
| Cohesion in the German Rhenish mining area – how the end of open-pit coal mining transforms rural villages into real-world laboratories .....          | 865 |
| Felix Leo Matzke.....  | 865 |
| 84081 .....  | 867 |
| Assessment of the public comment process. Evidence from urban green infrastructure planning in Romania .....   | 867 |
| Cristina-Gabriela Mitincu; Hossu, Constantina-Alina; Grădinaru, Raluca-Simona; Niță, Mihai-Răzvan; Iojă, Ioan-Cristian .....                           | 867 |
| 84377 .....  | 869 |
| (The politics of) Post-crisis measures, ecological transition, and urban development .....   | 869 |
| Barbara Pizzo .....  | 869 |
| 84864 .....  | 871 |
| Sustainable urban development as a travelling planning idea .....  | 871 |
| Eva Purkarthofer .....   | 871 |
| 84595 .....  | 873 |
| Challenges in Managing Public Space .....  | 873 |



|   |     |
|---|-----|
| Mozafar Said <sup>1,2</sup> , Barbara Tempels <sup>1</sup> .....  | 873 |
| 84067 .....   | 874 |
| Post-socialist urban financialization: Flexibilization of urban norms and commons, or just a new<br>assetization game? .....                      | 874 |
| Slavka Zeković .....  | 874 |
| 84696 .....   | 876 |
| Heritage Management Policies during the Neoliberal Period: Case Study in Cappadocia, Turkey .....   | 876 |
| Tugce Ucar Maurer, Eyuboğlu, Engin Eyüp .....   | 876 |
| TRACK 14: THEORY.....   | 877 |
| 84365 .....   | 877 |
| Space for Species – What Can Planning Do: Planning, Practices and Institutional Design .....  | 877 |
| Ernest Alexander .....  | 877 |
| 85321 .....   | 879 |
| Urban Digital Twins as a tool for multi-species approach in planning .....  | 879 |
| 84538 .....   | 881 |
| Aesthetics in Planning: Ethics, Reason and Marketing .....  | 881 |
| Angel Aparicio .....  | 881 |
| 85069 .....   | 883 |
| About Benefits of Practice Theory for a Better Understanding of Planning .....  | 883 |
| Sabine Bongers-Römer, Julija Bakunowitsch, Frank Othengrafen .....  | 883 |
| 85541 .....   | 885 |
| Sound as a complexity element of different city structures .....  | 885 |
| Angelina Apostolou, Vasiliki Birou-Athanasiou .....   | 885 |
| 85000 .....   | 887 |
| The Doubleness of Beirut’s Ruins: Between a Past War and Wars Yet to Come .....   | 887 |
| Hiba Bou Akar .....   | 887 |
| 81930 .....   | 889 |
| The Important of the Urban-Wildland Interface in the Science of Cities .....  | 889 |
| Catherin Brinkley, Subhashni Raj .....  | 889 |
| 84982 .....   | 890 |
| The dual-sided ethos of soft planning: discussing the risks, opportunities and challenges of a soft turn<br>in planning practice and theory ..... | 890 |
| Cristina Cavaco; Mourato, João; Costa, João Pedro; Ferrão, Ferrão .....   | 890 |

|   |     |
|---|-----|
| 84392 .....   | 892 |
| Beyond histories and futures: A typology of temporal mechanisms for the control of space .....  | 892 |
| Surajit Chakravarty .....   | 892 |
| 84384 .....   | 894 |
| Characteristics of urban settlements impacting avian species behaviour in India.....  | 894 |
| Ahefaz Panjwani, Shrabana Das .....   | 894 |
| 84301 .....   | 896 |
| Do planning theorists need to re-new outdated but popular paradigms? – Rawls, just cities, and the rights of “animals and the rest of nature” ..... | 896 |
| Ben Davy .....  | 896 |
| 85536 .....   | 898 |
| DID DARWIN WAIT FOR COVID-19 TO ‘COME TO TOWN’? SPECIES IN THE CITY AND THE RELATIONSHIP BETWEEN BIOLOGY AND URBAN STUDIES .....                    | 898 |
| Alex Deffner .....  | 898 |
| 84557 .....   | 900 |
| Planning urban social spaces and their interrelations .....   | 900 |
| Efrat Eizenberg; Jabareen, Yosef .....  | 900 |
| 84597 .....   | 901 |
| Spaces of Care: Redefining Spatial Justice from a Perspective of Care .....   | 901 |
| Angelika Gabauer .....  | 901 |
| 84368 .....   | 903 |
| Imagined Territories .....  | 903 |
| Luis Gabriel Hilti .....  | 903 |
| 85317 .....   | 905 |
| Emancipation through populism? Seeing those non-visible planning .....  | 905 |
| Aino Hirvola .....  | 905 |
| 85232 .....   | 906 |
| Theorizing placemaking in the spectrum of spatial planning theories; how to .....   | 906 |
| Theodora Istoridou, Georgia Pozoukidou .....  | 906 |
| 85359 .....   | 908 |
| In Retrospect: The Welfare Ambitions of Transit-Oriented Development .....  | 908 |
| Andre Klaassen .....  | 908 |
| 84712 .....   | 910 |

|  |     |
|--|-----|
| Planning Theory and Theorizing from Everyday Life .....  | 910 |
| Sabine Knierbein .....   | 910 |
| 84164 .....  | 911 |
| The Rolle of Workplace Location on Future Spatial Planning .....   | 911 |
| Nadezda Krasilnikova; Levin-Keitel, Meike .....  | 911 |
| 85013 .....  | 912 |
| Planning and the Multi-local Urban Experience — the Power of Lifescapes .....  | 912 |
| Kimmo Lapintie .....   | 912 |
| 84089 .....  | 914 |
| Towards a topology of planning theories – Re-organising planning knowledge in the 21st century ..  | 914 |
| Meike Levin-Keitel, Lukas Behrend .....  | 914 |
| 84385 .....  | 916 |
| 'SMART AND/OR JUST? Digitization and Urban Citizenship: Evidence from Beersheba .....  | 916 |
| Oren Yiftachel <sup>1</sup> , Mohamed A. Mohamed <sup>2</sup> .....  | 916 |
| 84020 .....  | 917 |
| From forecasts to scenarios: Explanation, narration, argumentation, and instrumentalization in<br>strategic city-regional land-use and transportation planning ..... | 917 |
| Raine Mäntysalo; Granqvist, Kaisa; Duman, Oya; Mladenović, Miloš N.....  | 917 |
| 85091 .....  | 919 |
| Just processes – just outcomes? Learning from Local Development Actions on the Relationship<br>between Procedural and Distributive Justice .....                     | 919 |
| Peter Schmitt <sup>1</sup> ; Weck, Sabine <sup>2</sup> .....   | 919 |
| 84550 .....  | 921 |
| An Assemblage-Thinking Approach to the Governance of Residential Land-Use in Metropolitan<br>Regions .....   | 921 |
| Thomas Zimmermann, Judith Anna Marie Gollata .....   | 921 |
| 84380 .....  | 923 |
| The 'Coronial City': Regime, Displaceability and Digitization.....   | 923 |
| Oren Yiftachel <sup>1</sup> , Erez Tzfadia <sup>2</sup> .....  | 923 |
| 84112 .....  | 924 |
| Revisiting the Purpose of Land Policy: Efficiency and Equity .....   | 924 |
| Eliška Vejchodská <sup>1</sup> ; Shahab, Sina <sup>2</sup> ; Hartmann, Thomas <sup>3</sup> .....   | 924 |
| TRACK 15: ACTIVISM .....   | 926 |
| 84353 .....  | 926 |

|  |     |
|--|-----|
| Neighborhood Activism in Riga: Are Urban Movements Bridging the Gap Between Citizens and Local Authorities in Post-Socialist Cities? .....   | 926 |
| Lita Akmentina .....   | 926 |
| 84580 .....  | 928 |
| Hydrological communities in action. The case of “Bruxelles sensible à l’eau” action research project .....   | 928 |
| Andrea Aragone <sup>1,2</sup> ; Dobre, Catalina; Faldi, Giuseppe <sup>1</sup> .....  | 928 |
| 84755 .....  | 930 |
| Planners as intermediate activists for urban governance innovation. Bridging professional, civil society and political roles to make sense of, problematize and innovate governance culture. ....              | 930 |
| Francesco Campagnari .....   | 930 |
| 84938 .....  | 932 |
| Facing social justice through urban commoning: the case study of Lucha y Siesta .....  | 932 |
| Lorenzo de Strobel de Haustadt e Schwanenfeld .....  | 932 |
| 84435 .....  | 934 |
| New values, actors and strategies in the urban ecosystem. The Movement for the Caracol da Penha Garden as a pedagogical case. ....   | 934 |
| Jorge Gonçalves .....  | 934 |
| 84511 .....  | 936 |
| How Urban-Political Protest Against Gentrification Leads to Socio-Spatial Change in the Neighborhood of Leipzig-Connewitz .....  | 936 |
| Annika Guhl .....  | 936 |
| 85176 .....  | 938 |
| Activism in digital twin cities: planning support system for self-organizing urban planning .....  | 938 |
| Petri Kangassalo <sup>1,2</sup> ; Nummi, Pilvi <sup>1,2</sup> ; Prilenska, Viktorija <sup>2</sup> .....  | 938 |
| 84230 .....  | 940 |
| Citizen Engagement: Shaping Places Together – and re-shaping spatial planning.....   | 940 |
| Christian Lamker; Rauws, Ward; van der Vaart, Gwenda; Horlings, Ina; Puerari, Emma .....   | 940 |
| 84222 .....  | 942 |
| Activism and Power Strategies of Professionals and Various Actors towards Collaborative Planning in Urban Regeneration: A case study of Hubei village’s conservation controversy in Shenzhen city, China ..... | 942 |
| Zhen Li, Yanliu Lin, Pieter Hooimeijer, Jochen Monstadt .....  | 942 |
| 84001 .....  | 944 |
| Public space activism as entrepreneurialism? The case of Beirut, Lebanon before and after 2019 ....  | 944 |

|   |     |
|---|-----|
| Christine Mady <sup>1</sup> ; Farah, Jihad <sup>2,3</sup> .....   | 944 |
| 85012 .....   | 946 |
| Civic Societies and the Planning Process: Exploring the role of local civic societies in the English<br>planning system .....                               | 946 |
| Angelique Chettiparamb, Christopher Maidment; Chettiparamb, Angelique .....   | 946 |
| 84599 .....   | 948 |
| Activism and Property rights: Newspaper coverage of planning in Tel Aviv-Jaffa .....  | 948 |
| Talia Margalit .....  | 948 |
| 85151 .....   | 949 |
| Between practice and research: the role of the association ETICity in the projects for the urban<br>reactivation of the Piave neighbourhood in Mestre ..... | 949 |
| Giovanna Muzzi .....  | 949 |
| 84986 .....   | 951 |
| Did Advocacy Planning Perform as Expected? .....  | 951 |
| Tore Sager .....  | 951 |
| 83966 .....   | 953 |
| Communities, participation, planning and development .....  | 953 |
| John Sturzaker <sup>1</sup> ; Moore, Tom <sup>2</sup> .....   | 953 |
| 84279 How participatory urban micro-regeneration in China is portrayed and disseminated in mass<br>media .....  | 954 |
| Xiyao Zhao; Mao, Yueting .....  | 954 |
| 85276 .....   | 956 |
| “Invisible city” – Informal and creative small scale interventions in Tartu. ....   | 956 |
| Anna Wilczyńska, Elina Õunsaar .....  | 956 |
| 84393 .....   | 958 |
| Just talk? Approaching Bottom-up Practices of Local Actors to Address Environmental-Related<br>Challenges in Southern Chile .....                           | 958 |
| Maria-Dorothea Wolf .....   | 958 |
| 84424 .....   | 960 |
| Including and performing activism in the spatial planning practice: observations and reflections from<br>two Latvian towns .....                            | 960 |
| Evija Taurene; Vološina, Margarita; Šķiņķis, Pēteris .....  | 960 |
| 85137 .....   | 962 |

|   |     |
|---|-----|
| A Room of our Own- How does a 'Digital Twin' virtual and physical space produce a co-production participation model? .....                              | 962 |
| Batel Yossef Ravid, Meirav Aharon .....   | 962 |
| POSTER.....   | 964 |
| 84486 .....   | 964 |
| Tracing Super-gentrification in Karaköy, Istanbul .....   | 964 |
| Enes Aydin; Enlil, Zeynep <sup>1</sup> ; Çiçek, Cansu <sup>2</sup> .....  | 964 |
| 85380 .....   | 966 |
| Giving citizens a voice in mobility planning: an innovative mapping tool to enable spatial co-creation .....  | 966 |
| Anke Bracke, Casper van Gheluwe .....   | 966 |
| 81927 .....   | 968 |
| What are local areas planning?: a search engine for California's 500+ land-use plans .....  | 968 |
| Catherine Brinkley, Jenny Wagner .....  | 968 |
| 85338 .....   | 970 |
| Anchoring ecology in spaces: the ecological scene hypothesis .....  | 970 |
| Clément Combettes .....   | 970 |
| 85187 .....   | 972 |
| THE AWARENESS OF CLIMATE CHANGE IN THE PRIVATE SECTOR: THE CASE OF HOTEL OWNERS IN THE HALKIDIKI AREA IN GREECE.....                                    | 972 |
| Alex Deffner .....  | 972 |
| 84227 .....   | 974 |
| Differentiated power and authorization in urban transformation projects: The case of Karabaglar and Ornekkoy, Izmir, Turkey .....                       | 974 |
| Sule Demirel <sup>1</sup> ; Sanli, Tugce <sup>2</sup> .....   | 974 |
| 83560 .....   | 976 |
| Place Attachment at Displacement: The Role of Place in Regeneration Programs of Singapore Public Housing Neighborhoods .....                            | 976 |
| Nirit Rivka Ellenbogen; Trivic, Zdravko .....   | 976 |
| 85346 .....   | 978 |
| Social housing in the post-covid: KPIs selection for the assessment of development plans through stakeholders involvement in developing countries ..... | 978 |
| Jhon Ricardo Escorcía Hernandez .....   | 978 |
| 84366 .....   | 980 |

|  |     |
|--|-----|
| Interdisciplinarity in urban land use planning – Lessons learned from two participation experiments on the development of industrial areas adapted to climate change in the city of Bottrop, Germany ..... | 980 |
| Marisa Fuchs; Schmitt, Jörg Peter .....  | 980 |
| 84973 .....  | 982 |
| Systemic Knowledge Integration as Condition for Transdisciplinary and Sustainability Transition Research .....   | 982 |
| Katharina Gugerell, Marianne Penker, Verena Radinger-Peer .....  | 982 |
| 85339 .....  | 984 |
| Regenerative models for urban-industrial systems: the case of Industrial Development Areas in Campania Region .....  | 984 |
| Giuseppe Guida, Valentina Vittiglio .....  | 984 |
| 85342 .....  | 986 |
| Socio-Environmental Approach on Universities' Contribution to the Sustainable Development Goals: Case Study of Eastern Mediterranean University, N. Cyprus .....   | 986 |
| Sebnem Hoskara, Lamine Moustapha Adam .....  | 986 |
| 84170 .....  | 988 |
| Walking on the Edge: Mapping the Everyday Experiences on the Periphery of Ankara .....   | 988 |
| Ender Iplikci .....  | 988 |
| 84045 .....  | 990 |
| A Study on the Occurrence, Persistence, and Reuse of Vacant Houses in Deteriorated High-density Residential Areas of Old Downtowns of Large Cities: Focused on Ami-dong and Chojang-dong in Busan .....    | 990 |
| Yoko Kamata; Kang, Juan Eun; Lee, Ji Yoon .....  | 990 |
| 83807 .....  | 992 |
| Transformation of development control towards the 'era of redevelopment': a case of industrial land redevelopment in Shanghai .....  | 992 |
| Jihuan Li; Burgess, Gemma; Sielker, Franziska .....  | 992 |
| 84343 .....  | 994 |
| Design element system of public space in workers' new village under the guidance of quality improvement .....  | 994 |
| Zichen Liu .....   | 994 |
| 85443 .....  | 995 |
| Growing Food but Not Money: Exploring Unaccounted Values in Female-Led Urban farming .....   | 995 |
| Yancili Lozano Torres .....  | 995 |
| 84347 .....  | 996 |

|   |      |
|---|------|
| Adapting public space to Age-Inclusive pattern using the Smart City framework .....   | 996  |
| Anna Olha; Treija, Sandra .....   | 996  |
| 85185 .....   | 998  |
| Reorganization of urban space: Transformation of the former industrial zone of the town of Zabok,<br>Croatia .....                                      | 998  |
| Lea Petrović Krajnik; Krajnik, Damir; Jelenčić, Lucija .....  | 998  |
| 85241 .....   | 1000 |
| Spatial multi-criteria risk assessment approach for climate change for climate change adaptation and<br>mitigation policies .....                       | 1000 |
| Gianfranco Pozzer, Denis Maragno, Matteo Faccin .....   | 1000 |
| 85330 .....   | 1002 |
| Design Transitions: the role of cosmopolitan localism as constructor of the common and resilient<br>designer.....                                       | 1002 |
| Moises Rosa; Paio, Alexandra .....  | 1002 |
| 85258 .....   | 1003 |
| Urban Visualisation in Times of Uncertainty and Instability: Mapping the Post-war Image of Syrian Al-<br>Raqqa .....                                    | 1003 |
| Mounir Sabeh Affaki <sup>1</sup> ; Obied, Amer <sup>2</sup> ; Alzerkly, Eyad <sup>3</sup> .....   | 1003 |
| 84191 .....   | 1005 |
| City Archive: A tool for raising a city from the ashes. The case of Aleppo, Syria .....   | 1005 |
| Anas Shrefahe .....   | 1005 |
| 84200 .....   | 1007 |
| CFD simulation of the air temperature of the outdoor space according to the change in the main<br>height of the apartment complex .....                 | 1007 |
| Hyungi Song; Kang, Jeonhoon; Bae, Woongkyoo .....   | 1007 |
| 85325 .....   | 1009 |
| The Influence of Serious Geo-Games on Assimilation of Social Considerations in Urban Planning ...   | 1009 |
| Hagar Srulovitch .....  | 1009 |
| 83542 .....   | 1011 |
| Differences in the focus of strategic visions of municipalities - a case study of Slovakia.....   | 1011 |
| Miroslav Šipikal, Alexandra Urbanová, Štefan Rehák .....  | 1011 |
| 84531 .....   | 1013 |
| An Analysis on the Development Gap Between the North and the South in China Under the New<br>Pattern: Characteristics, Causes and Countermeasures ..... | 1013 |



|   |      |
|---|------|
| Xuchen Zhang .....  | 1013 |
| 84566 .....   | 1015 |
| Research on the protection and reuse of Industrial Heritage in Chongqing Based on value evaluation .....  | 1015 |
| Xuchen Zhang .....  | 1015 |
| 85089 .....   | 1017 |
| Policy integration in urban heritage management: an international comparative analysis .....  | 1017 |
| Ana Tarrafa Silva; Nevzgodin, I.; Pereira Roders, A.R. <sup>1</sup> ; Cunha Ferreira, T. <sup>2</sup> .....                                     | 1017 |
| 84543 .....   | 1019 |
| Revitalization of Historic Neighborhoods .....  | 1019 |
| Wogen Taye .....  | 1019 |
| 85025 .....   | 1020 |
| Reimagining Historic Places as Catalysts of Community Life .....  | 1020 |
| Sasha Tsenkova .....  | 1020 |
| 85020 .....   | 1022 |
| Typologies of Public-Private Partnership in Urban Regeneration: Contributions from a systematic literature review .....                         | 1022 |
| Paula Vale de Paula, Jorge Manuel Gonçalves, Rui Domingos Ribeiro da Cunha Marques .....  | 1022 |
| 84569 .....   | 1024 |
| The reflection cycle: a tool to draw lessons from planners' experiences of collaborative planning .   | 1024 |
| Martin Westin, Amelia Mutter, Fanny Möckel .....  | 1024 |
| 84452 .....   | 1026 |
| Does School District Affect Residents to Relocate to the Current Submarket? .....   | 1026 |
| Yueming Yang .....  | 1026 |
| 84313 .....   | 1028 |
| Characteristics of TOD guidance system and enhancement strategies in China .....  | 1028 |
| Dan Ye .....  | 1028 |
| 84141 .....   | 1030 |
| Conservation and utilization of revolutionary historical relics in Nanjing old city based on multi-source spatiotemporal data correlation ..... | 1030 |
| Xin Yi .....  | 1030 |

84067

## Post-socialist urban financialization: Flexibilization of urban norms and commons, or just a new assetization game?

Slavka Zeković

Institute of Architecture and Urban& Spatial Planning of Serbia

The paper analyzes the expansion of neoliberal financialization in urban (re)development in the post-socialist context of Serbia. After the year 2000, the transitional changes and the establishing of the post-socialist institutional framework have created conditions for attracting foreign direct investments, predominantly in the services sector and urban real estate. Due to the global financial crisis and the collapse of the real estate bubble (2008), this sector is rapidly recovering and developing, thanks to the state support. The introduction of new regulations in financial activities with a role to neutralize the speculative tendencies at the market was largely absent, which is especially reflected in the urban (re)development. The galloping urban financialization has been fueled by growing interests of capital in the real estate sector. The financialization would have been almost impossible without the arrival of the world's leading real estate investment trusts and the investment of international capital in housing, commerce space, offices, and urban land. The urban financialization, especially housing financialization, is a dominant and the fastest-growing activity that uses new financial instruments and products. It is considered driving force of financial capitalism in urban redevelopment through extraction and monetization of the values of urban commons. The paper explores the financialization of urban real estate under the patronage of post-socialist state. We apply a comprehensive empirical analysis of financialization from a multi-scalar perspective: using available indicators (at the national scale); and using a panoramic view on several large urban projects in Belgrade (at the local level). Our findings indicate that financialization was accompanied by a strong appropriation and erosion of urban commons and norms, as well as a new assetization game. Given the lack of research on financialization in Serbia, we propose some improvements regarding the control of the urban financialization, planning and governance in line to the UN Guidelines, as well as the global financing approach in the new economy.

Keywords: Urban financialization, urban redevelopment, flexibilization of urban norms, assetization of commons, urban planning and governance, post-socialist context

### References

- Aalbers, M. (2020) Financial geography III: The financialization of the city, *Progress in Human Geography*, 44(3):595-607.
- Anguelov, D., Leitner, H. & Sheppard, E. (2018) Engineering the financialization of urban entrepreneurialism: The JESSICA Urban Development Initiative in the European Union. *International Journal of Urban and Regional Research*, 42, 573-593.
- Gabor, D.V. (2012) The road to financialization in Central and Eastern Europe: The early policies and politics of stabilizing transition, *Review of Political Economy*, 24(2):227-249.
- Lapavistas, C. (2013) The financialization of capitalism: 'Profiting without producing', *City*, 17:6, 792-805.

Palley, T. (2021) Financialization revisited: the economics and political economy of the vampire squid economy, *Review of Keynesian Economics*, 9(4):461–492.

Rutland, T. (2010) The financialization of urban redevelopment, *Geography Compass*, 4(8): 1167-1178.

Weber, R. (2010) Selling city futures: The financialization of urban redevelopment policy, *Economic Geography*, 86(3):251-274.

UN Guidelines (2020) Guideline No.12 Ensure the regulation of businesses in a manner consistent with state obligations and address the financialization of housing, in *Guidelines for the Implementation of the Right to Adequate Housing*, Report of the Special rapporteur on adequate housing as a component of the right to an adequate standard of living, and on the right to nondiscrimination in this context, Human Rights Council, Forty-third session 24 February–20 March 2020. United Nations, General Assembly, pg.16-18.

