

POSTER PROGRAM

Building U6 – ground floor (Poster will be displayed all the week – Poster sessions on Monday 18:00-19:00; Tuesday 17:30-18:30; Thursday 17:30-18:30)

Poster Format A0 (1189 x 841 mm or 46,8 x 33,1 in) Vertical Size

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| Symposium 02 |
| P0174 Delineation of urban growth boundary based on ecological security pattern Rui Zhou ¹ , Jun Gao ¹ ¹ <i>Shanghai Normal University</i> |
| Symposium 03 |
| P0031 Agrarian landscape rehabilitation following landscape bionomics Vittorio Ingegnoli ¹ , Stefano Bocchi ^{1,2} <i>State University of Milan</i> |
| P0093 Investigating the off-stage landscape service burdens of olive oil production Maria Rita Pasimeni ¹ , Donatella Valente ¹ , Irene Petrosillo ¹ , Giovanni Zurlini ^{1,2} <i>Lab. of Landscape Ecology, Dept. of Biological and Environmental Sciences and Technologies, University of Salento</i> |
| Symposium 04 |
| P0064 We need to talk about walls: examining the legacy of the Berlin Wall on a peri-urban forest Elsa Anderson ¹ <i>Technische Universitat of Berlin</i> |
| Symposium 05 |
| P0210 Forest-bird relationships within two differently managed Natura 2000 alpine sites: an application of the bioacoustics approach at small scale Alessia Portaccio ¹ , Tommaso Sitzia ¹ , Andrea Favaretto ² , Thomas Campagnaro ^{1,2} <i>TESAF Department, University of Padova</i> ² <i>Bioprogramm (Soc.Coop.R.L.)</i> |
| T0847 Evaluation of anthropogenic disturbances on the soundscape of urban parks Alessandro Bisceglie |
| Symposium 07 |
| T0659 A circular and Nature-based view of urban systems: The low-entropy city Raffaele Pelorosso ^{1,2} <i>Tuscia University</i> |
| Symposium 08 |
| T_0964 Effects of habitat fragmentation and landscape structure on core and peripheral populations of the eastern green lizard (<i>Lacerta viridis</i>) Ana María Prieto Ramírez |
| P0170 Enhancing tree health and urban biodiversity along with citizen wellbeing: analyzing tree functional traits to support urban forest planning and management in Padova (Italy). Chiara Cortinovis ¹ , Claudia Alzetta ² , Davide Geneletti ¹ , Grazia Zulian ³ , Federico Agostini ⁴ ¹ <i>University of Trento</i> ² <i>Comune di Padova</i> ³ <i>European Commission Joint Research Centre</i> ⁴ <i>University of Padova</i> |
| T0738 Understory vegetation recovery after wildfire disturbances in boreal forest Bo Liu |
| Symposium 09 |
| P0001 Scenario analysis of ecosystem service changes and interactions in a mountain-oasis-desert system: a case study in Altay Prefecture, China Qi Fu |
| P_8193 National Park Collaborative Management Functional Zoning Study in China—Taking Shennongjia National Park as an example Jie Li ¹ , Weiyue Li ¹ , Jun Gao ¹ , Jing Fu ^{1,2} <i>School of Environmental and Geographical Sciences, Shanghai Normal University</i> |
| P0008 Future trends in the provision of ecosystem services of mountain grassland Uta Schirpke ^{1,2} , Marina Kohler ² , Georg Leitinger ² , Veronika Fontana ¹ , Erich Tasser ¹ , Ulrike Tappeiner ^{1,2} ¹ <i>Institute for Alpine Environment, Eurac Research</i> ² <i>Department of Ecology, University of Innsbruck</i> |
| P0082 The influence of hiking pressure on wildlife activity in the Baekdudaegan Mountain Range Trail in Korea Byung Mook Hwang ¹ , Dongwook W. Ko ¹ , Chan Ryul Park ¹ <i>Department of Forest, Environment, and Systems, Kookmin University</i> ² <i>Urban Forests Research Center, National Institute of Forest Science (NIFoS)</i> |

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| P0088 Study on supply and demand matching of ecosystem services in Loess Hilly Region: a case study of Lanzhou, Gansu Province Chunfang Liu ¹ <i>College of Social Development and Public Administration, Northwest Normal University</i> |
| P0120 Relationships between habitat structure and ecosystem services: carbon stock in alpine forests and prairies Emilio Padoa-Schioppa ¹ , Angela Proietto ² , Francesca Mazzucchelli ¹ , Claudio Liga ¹ , Davide Abu El Khair ¹ , Claudia Canedoli ¹ <i>University of Milano-Bicocca; Department of Earth and Environmental Sciences</i> ² University of Milano |
| T0543 Current landscape-ecological state of protected areas of the northern Caucasus Marina Petrushina ¹ ¹ Lomonosov Moscow State University |
| Symposium 10 |
| P_8221 The role of landscape and relief aspects on carbon stock in secondary tropical forests of human-dominated landscapes Isabella Romitelli ¹ , Jomar Magalhães Barbosa ² , Jean Paul Walter Metzger ¹ ¹ University of São Paulo ² Miguel Hernández University |
| P0034 Integrated assessment of forest bioenergy options using the Landscape simulation and Ecological Assessment (LEcA) tool – a study of Lithuania Ulla Mörtberg ¹ , Xi Pang ¹ , Renats Trubins ² , Gintautas Mozgeris ³ <i>Department of Sustainable Development, Environmental Science and Engineering, KTH Royal Institute of Technology, Stockholm</i> ² Swedish University of Agricultural Sciences, Alnarp ³ Agriculture Academy of Vytautas Magnus University, Institute of Forest Management and Wood Science |
| P0046 Temperate European floodplain forests face the threats of water management projects Ivo Machar ¹ , Jan Brus ² <i>Palacky University Olomouc, Faculty of Science, Dpt. of Development and Environmental Studies</i> ² Palacky University Olomouc, Faculty of Science, Dpt. of Geoinformatics |
| T0043 Application of the space-for-time substitution method in validating long-term biomass predictions of a forest landscape model Jun Ma ¹ , Xiangming Xiao ² , Rencang Bu ³ , Yuanman Hu ³ <i>Fudan University</i> ² University of Oklahoma ³ Institute of Applied Ecology, Chinese Academy of Sciences |
| Symposium 11 |
| P0030 Why preserved and how to preserve in the future? Peri-urban agriculture and its cultural landscape in the shrinking city: A case study in the northeast Kyoto, Japan. Lihua Cui ¹ , Shozo Shibata ² <i>Graduate School of Agriculture, Kyoto University</i> ² Graduate School of Global Environmental Studies, Kyoto University |
| P0043 Urban agriculture in Czechia: a colorful mosaic of forms and activities Miroslav Šifta ¹ , Jana Šiftová ¹ ¹ Charles University |
| P0098 Designing a tool for the sustainability evaluation of intra-urban agriculture using a participatory approach Paola Clérino ¹ , Agnès Lelièvre ¹ <i>AgroParisTech, INRA, Université Paris-Saclay</i> |
| P0128 Soil invertebrates as bioindicators of biodiversity support in urban agriculture Baptiste Grard ¹ , Claire Chenu ¹ , Apolline Auclerc ¹ , Laure Vieublé ¹ , Antoine Lagneau ² , Sophie Joimel ¹ <i>UMR ECOSYS (AgroParisTech - INRA)</i> ² Agence Régionale de la Biodiversité, département de l'Institut d'Aménagement et d'Urbanisme |
| P0150 Agricultural areas as Ecosystem Services tanks: considerations on the metropolitan area of Rome through a GIS-based land use change analysis Silvia Pili ¹ , Giampiero Mazzocchi ¹ , Roberta Mele ¹ , Davide Marino ² <i>University of Sapienza, Rome</i> ² Molise University |
| P0202 Epigeal fauna of urban food production sites show no obvious relationships with area or soil characteristics Sofia Biffi ¹ , Cleandho M de Souza ² , Les Firbank ¹ <i>University of Leeds</i> ² University of Sao Paulo |
| P0228 Spatial context and legal environment of urban agriculture in the Ruhr metropolitan area (Germany) Kathrin Specht ¹ , Julian Schimichowski ¹ , Runrid Fox-Kämper ¹ <i>ILR- Research Institute for Regional and Urban Development</i> |
| Symposium 12 |
| P0057 Quantifying the effects of defective planning on pastures using urbanization and landscape indicators Ana-Maria Calotă ¹ , Ileana Pătru-Stupariu ¹ <i>University of Bucharest</i> |
| Symposium 13 |
| P_8213 Identification of good-practice patterns in urban design for improved temperature regulation in warming climates Joanna Zawadzka ¹ , Ronald Corstanje ¹ , Jim Harris ¹ <i>Cranfield University</i> |
| P0025 Sustainable future scenarios for environmentally sustainable livelihoods in the Zanzibar Archipelago Rebecca Newman ¹ <i>University of York</i> |

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| P0050 Landscape planning of the region Ekaterina Pozachenyuk ¹ , Irina Kalinchuk ¹ , Ekaterina Pizova ¹ ^{V.I. Vernadsky Crimean Federal University} |
| T0144 Statistical and configurationally relationships between landscape metrics and water quality parameters Ali Jafari |
| T0272 Land management for climate change mitigation: afforestation vs. bioenergy plantations Jan Sandstad Næss ¹ , Otavio Cavalett ¹ , Bo Huang ¹ , Xiangping Hu ¹ , Francesco Cherubini ¹ ^{1Industrial Ecology Programme, Norwegian University of Science and Technology} |
| Symposium 16 |
| P_0235 A portable indoor air detection box Chun-yuan Zhao ¹ , Wan-gui Zhou ¹ , Hao-wei Wang ¹ ^{1Institute of Urban Environment, Chinese Academy of Sciences} |
| P0038 Hybrid Method for Landscape Quality assessment blending with Street Views and Artificial Intelligence Technology in Computer Vision-the case of the linear road landscape between Beijing and Tianjin in Kun Zhang |
| P0152 The Democratization of Technology in Geoscientific Research Sarah Brown ¹ , Martin G. Evans ¹ , Claire S. Goulsbra ¹ , Emma Shuttleworth ¹ ^{1University of Manchester} |
| Symposium 17 |
| P0044 China needs more re-habitats than US-Japan developed countries in mega-cities Hongbing WANG ¹ , Yonghong HU ²⁻³ , Jun QIN ³ ^{1College of Life Sciences, Shanghai Normal University 2Shanghai Chenshan Plant Science Research Centre, Chinese Academy of Sciences 3Shanghai Chenshan Botanical Garden} |
| P0144 How landscape planning can benefit from computational algorithm; introduction of process mining approach Mahsa Bazrafshana ¹ , Paola Sturla ² ^{1Swiss Federal Research Institute for Forest, Snow and Landscape Research/WSL, 8903 Birmensdorf, Switzerland 2Politecnico di Milano, Department of Architecture and Urban Studies, Via Bonardi 3 20133 Milano, Italia} |
| P0145 The impact of composition and configuration of urban green space on its cooling effect Majid Amanibeni |
| P0209 Transformations of the Corumbé stream: an analysis through the concept of Hemerobia Juliana Maria de Souza Freitas ¹ ^{1FAUUSP - Faculdade de Arquitetura e Urbanismo da Universidade de São Paul} |
| T0056 The role of urban form to achieve greener and more permeable matrixes in high-density cities Patricia Mara Sanches ¹ , Eduardo Roberto Alexandrino ¹ , Demóstenes Ferreira da Silva Filho ¹ ^{1Luiz de Queiroz College of Agriculture - Forest Science Department} |
| T340 The effect of configuration on urban heat through edge effects between patches: Multiple-scale assessment through high resolution thermal imaging JINGLI YAN |
| Symposium 18 |
| P_9073 Ecological footprint of country houses and their role in changes in suburbanized landscapes in central Russia Tatiana Trifonova ¹ , Karen Karapetian ² ^{1Lomonosov Moscow State University and Vladimir State University 2Vladimir State University} |
| P0095 Evaluating temporal changes in landscape connectivity for Alouatta caraya (Primates: Atelidae) among forest fragments in Pampa biome, south Brazil Marcia Maria de Assis Jardim ¹ , Beatriz Terrones ² , Ricardo Aranha Ramos ¹ , Andreu Bonet ² ^{1Museu de Ciências Naturais (MCN), Fundação Zoobotânica do Rio Grande do Sul (FZB-RS), Porto Alegre, RS, Brazil 2Department of Ecology, University of Alicante, Alicante} |
| P0154 Land-use change in oil palm dominated tropical landscapes - An agent-based model to explore ecological and socio-economic trade-offs Jan Salecker ¹ , Claudia Dislich ^{1,2} , Elisabeth Hettig ^{3,1} , Jann Lay ^{3,1} , Katrin Meyer ¹ , Kerstin Wiegand ¹ ^{1University of Goettingen 2UFZ - Helmholtz Centre for Environmental Research 3GIGA German Institute of Global and Area Studies} |
| Symposium 19 |
| P_0236 Impacts of mining on net primary productivity of the vegetation: a case study of Shengli Coalfield Wan-gui Zhou ¹ , Chun-yuan Zhao ¹ , Ye-ning Wang ¹ , Hao-wei Wang ¹ ^{1Institute of Urban Environment, Chinese Academy of Sciences} |

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| <p>P0019 Assessing urban expansion and its effects on dune recreational value. An insight into the Mediterranean coast Maria Laura Carranza¹, Mita Drius², Flavio Marzialetti¹, Maria Carla De Francesco¹, Angela Stanisci¹¹<i>EnviX-Lab, Department of Bioscience and Territory, University of Molise</i> ²<i>National Research Council, Institute of Marine Sciences (CNR-ISMAR)</i></p> |
| <p>P0039 En route towards zero hunger in Africa: Optimizing the benefits of intercropping grain legumes to cereals Stefani Daryanto¹, Bojie Fu², Wnewu Zhao¹, Lixin Wang³, Pierre-André Jacinthe³¹<i>Beijing Normal University</i> ²<i>Chinese Academy of Sciences</i> ³<i>Indiana University Purdue University Indianapolis</i></p> |
| <p>P0060 Ecological Effects and Potential Risks of the Water Diversion Project in the Heihe River Basin Mengmeng Zhang¹¹<i>Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences</i></p> |
| <p>P0063 Resilience through synergies between agriculture and tourism for two contrasting trajectories in the Tyrolean Alps Georg Leitinger¹, Lisa Huber¹, Erich Tasser², Hannes Herrmann³, Rike Stotten³¹<i>University of Innsbruck, Department of Ecology</i> ²<i>Eurac Research, Institute for Alpine Environment</i> ³<i>University of Innsbruck, Department of Sociology</i></p> |
| <p>P0069 Meta-analysis approach to assess the effectiveness of contour tillage in reducing water erosion in China Lizhi Jia¹, Wenwu Zhao¹¹<i>State Key Laboratory of Earth Surface Processes and Resource Ecology, Faculty of Geographical Science, Beijing Normal University, Beijing 100875, PR China</i></p> |
| <p>P0163 Mitigating the Conflicts Between Environmental, Economic and Social Benefits - Examining Ecosystem Services from an Ecological Wisdom Perspective Yi Luo¹, Bo Yang², Shujuan Li²¹<i>University of Florida</i> ²<i>University of Arizona</i></p> |
| Symposium 20 |
| <p>P0054 Habitat Quality Modeling of Wild Sheep (<i>Ovis orientalis</i>) in Central parts of IRAN Using InVEST and MaxEnt Models Azita Rezvani¹, Shekoufeh Nematollahi¹, Sima Fakheran¹¹<i>Department of Natural Resources, Isfahan University of Technology</i></p> |
| <p>P0132 Grazing and fire on the reversibility and management of woody shrub encroachment: A modeling approach Junran Li¹, Guan Wang¹, Ravi Sujith²¹<i>The University of Tulsa, OK, USA</i> ²<i>Temple University, PA, USA</i></p> |
| <p>P0159 Investigate the impact of road traffic for bird monitoring in an urban park in central Iran Gilda Shahnaseri</p> |
| Symposium 22 |
| <p>P0012 Commune land use planning in Cambodia: Concept, methodology and approaches Khu Bunnath¹¹<i>Research and Development SBK (ADB/MLMUPC/CLUP Project)</i></p> |
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| <p>P0079 Collateral Values: The Natural Capital Created by Landscapes of War Todd Lookingbill¹, Peter Smallwood¹¹<i>University of Richmond</i></p> |
| <p>P0142 Historical floras: a cultural heritage and a data source to detect past landscape features. A case study from late 19th century (Bologna, northern Italy) Giovanna Pezzi¹, Alessandro Alessandrini², Enrico Muzzi³, Fabrizio Buldrini¹ ¹<i>Department of Biological, Geological and Environmental Sciences, Università di Bologna</i> ²<i>Istituto per i beni artistici, culturali e naturali - Regione Emilia-Romagna</i> ³<i>Department of Agricultural and Food Sciences, Università di Bologna</i></p> |
| <p>P0181 The influence of land abandonment on disturbance regimes of forest ecosystems: a review Giulia Mantero¹, Donato Morresi¹, Renzo Motta¹, Raffaella Marzano¹, David Mladenoff², Matteo Garbarino¹¹<i>Università di Torino (DISAFA)</i> ²<i>University of Wisconsin, Madison</i></p> |
| <p>P0197 The transition of the relationship between human and nature in Satoyama landscape in Japan. - Project management for collaborative restoration of regional social-ecological system- Hayato Hasegawa¹, Tomomi Sudo¹, Keitaro Ito¹¹<i>Laboratory of Environmental Design, Department of Civil Engineering, Kyushu Institute of Technology</i></p> |
| <p>P0215 Effects of historical land use and land pattern changes on the landscape structure and its functioning – case studies from the middle-taiga upland plains of the southern Arkhangelsk region Elena Nagornaya¹¹<i>Faculty of Geography, Lomonosov Moscow State University</i></p> |
| <p>T0399 The fast-paced expansion of dust source areas: A major threat changing the face of Iranian southeastern arid landscapes Hossein Moradi</p> |

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| T0023 Historic land-use and fire exclusion influence oak regeneration and mesophytic expansion Robert Scheller ¹ , Christopher Gerstle ¹ , Zachary Robbins ¹ , Louise Loudermilk ² ¹ <i>North Carolina State University</i> ² <i>USDA Forest Service</i> |
| T0070 Relations between nature conservation and land-use legacies in the Białowieża Forest (Poland): the influence on a landscape and its evolution Barbara Bożetka ¹ ¹ <i>Nicolaus Copernicus University, Toruń, Poland</i> |
| T0512 Landscape and forest legacies in the Czech Republic: how it was influenced by land use changes during the 20th century and protection for future Markéta Šantrůčková ¹ ¹ <i>Research Institute for Landscape and Ornamental Gardening</i> |
| T0803 Spatial structure of forest plantations in the Araucanía region, Chile by means of landscape metrics, factor analysis and principal components Fernando Peña-Cortés ¹ , Cristian Vergara-Fernández ¹ , Francisco Aguilera-Benaventeb ² , Gonzalo Rebolledo ¹ ¹ <i>Universidad Católica de Temuco. Laboratorio de Planificación Territorial</i> ² <i>Universidad de Alcalá</i> |
| Symposium 24 |
| P_0239 Social agriculture turns eco-social – case studies from the Southern Alps Sara Nicli ¹ , Stefan Zerbe ¹ , Sergio Angeli ¹ ¹ <i>Free University of Bolzano</i> |
| P0092 Co-designing insect-friendly farming systems – the project concept of FInAL Maria Busse ¹ , Felix Zoll ¹ , Rosemarie Siebert ¹ , Ulrich Stachow ¹ ¹ <i>Leibniz Centre for Agricultural Landscape Research (ZALF)</i> |
| P0191 Farmland contributions to urban green infrastructure Werner Rolf ¹ ¹ <i>Chair for Strategic Landscape Planning and Management, Technical University of Munich, Germany; Institute of Environmental Science and Geography, Land Science, University of Potsdam, Germany</i> |
| Symposium 26 |
| P0020 Multitemporal NDVI classification of coastal dune habitats of central Italy with Sentinel 2 data Flavio Marzialetti ¹ , Maria Laura Carranza ¹ , Silvia Giulio ² , Marta Gaia Sperandii ² , Alicia Teresa Romario Acosta ² ¹ <i>ENVIX-LAB, Dipartimento Di Bioscienze e Territorio, Università degli studi del Molise</i> ² <i>Dipartimento di Scienze, Università degli studi di Roma Tre</i> |
| P0097 Influence of topography and vegetation dynamics on coffee sting bugs population across an altitudinal gradient in heterogeneous landscape Gladys Mosomtai ¹ , John Odindi ² , Tobias Landmann ³ , Elfatih Abdel-Rahman ¹ , Abdelmutalab Azrag ¹ , Régis Babin ¹ ¹ <i>International Centre for Insect Physiology and Ecology</i> ² <i>School of Agricultural, Earth and Environment Sciences, University of KwaZulu-Natal</i> ³ <i>Remote Sensing Solutions</i> |
| P0115 Assessment of Monitoring of Coastal zone erosion by Airborne laser scanning system Sajjad Roshandel ¹ ¹ <i>SCSC Laboratory of Xiamen university</i> |
| P0182 Analysis of land surface phenology using densified Landsat 8 OLI – Sentinel 2 MSI time series: a case study for Kanivs'kyj Nature Reserve area, Ukraine Daria Svidzinska |
| Symposium 27 |
| P0011 Flowing Lives. Understanding landscape as a tool of social change and ecological coexistence. Claudia de Sas Trujillo, Juanita Leal Ochoa |
| P0013 Working with Natural Processes for flood control and nature restoration in Shiga, Japan Tsunao Watanabe ¹ , Katsue Fukamachi ² ¹ <i>United Nations University/Senior Programme Coordinator</i> ² <i>Kyoto University/associate professor</i> |
| T0872 Co-production within Working With Natural Processes (WWNP) Projects: lessons from Natural Flood Management projects in the England and Italy Chris Short ¹ , Fabio Carnelli ² , Chris Uttley ³ , John Hollis ³ , Silvia Mugnano ² ¹ <i>University of Gloucestershire</i> ² <i>University of Milan-Bicocca</i> ³ <i>Environment Agency</i> |
| T0877 Incorporating farmer and local knowledge into the development of policies sympathetic to Working With Natural Processes Chris Short ¹ , Jess Neumann ² , Joanna Clark ² ¹ <i>University of Gloucestershire</i> ² <i>University of Reading</i> |
| Symposium 28 |
| P0171 The effects of catastrophic wind disturbance and subsequent salvage logging on the species composition of seedlings, juveniles, and adults are still apparent more than 50 years after the event Junko Morimoto ¹ , Haruka Komatsu ² , Wataru Hotta ² , Satoshi N. Suzuki ³ , Toshiaki Owari ³ ¹ <i>Graduate School of</i> |

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| Agriculture, Hokkaido University ² Faculty of Agriculture, Hokkaido University ³ The University of Tokyo Chichibu Forest, Graduate School of Agricultural and Life Sciences, The University of Tokyo |
| Symposium 29 |
| P0190 An innovative governance practice to face the Anthropocene challenges in the Alpine area: the activity of EUSALP AG7 regarding the development of Green Infrastructure Serena D'Ambrogio ¹ , Alessandro Gretter ² , Luisa Pedrazzini ³ , Maria Quarta ⁴ , Tina Trampuš ⁵ , Michaela Küenzl ⁶ ¹ ISPRA, ² Fondazione Edmund Mach (Italy), ³ Institute of Geography University of Innsbruck (Austria), ⁴ FAMA University of Trento (Italy), ⁵ Regione Lombardia, ⁶ Regione Piemonte, ⁵ Institute of the Republic of Slovenia for Nature Conservation, ⁶ Bavarian State Ministry of the Environment and Consumer Protection |
| Symposium 30 |
| P0014 Effects of semi-natural habitats on the abundance and distribution of insect pollinators in sunflower fields in Hungary Károly Lajos ¹ , Áron Bihaly ¹ , Miklós Sárospataki ¹ ¹ Szent István University, Department of Zoology and Animal Ecology |
| P0091 Identifying landscape structures to enhance wild bee diversity in agricultural areas Sophie Kratschmer ¹ , Esther Ockermüller ¹ , Johann Neumayer ¹ , Christa Hainz-Renetzeder ² , Kathrin Pascher ³ ¹ Institute for Integrative Nature Conservation Research, University of Natural Resources and Life Science (BOKU), Vienna, Austria ² Institute of Landscape Development, Recreation and Conservation Planning (ILEN), University of Natural Resources and Life Sciences (BOKU), Vienna, Austria ³ Institute of Zoology, University of Natural Resources and Life Sciences (BOKU), Vienna, Austria |
| P0107 Creating a spatially and temporally-explicit model of floral resources for pollinators in the agricultural landscape of Central New York, USA Kevin Li ¹ , Aagon Iverson ² ¹ University of Goettingen ² Cornell University |
| P0168 A comparative landscape genetic approach to assessing landscape effects on agricultural native bees in Alberta, Canada Celia Hein ¹ , Cameron Carlyle ² , Jessamyn Manson ³ , Paul Galpern ⁴ , Helene Wagner ¹ ¹ University of Toronto Mississauga ² University of Alberta ³ University of Virginia ⁴ University of Calgary |
| Symposium 31 |
| P0139 Assessing the delivery of ecosystem services in a climate change context: using ecological reasonable indicators Laura Basconi ¹ ¹ Ca' Foscari University, Venice |
| P0157 Landscape Ecological Exhibition Experience Using Tidal-flat Biocultural Resources Sun-Kee Hong ¹ , Yong-Tae Won ¹ , Kyong-A Lee ¹ ¹ Mokpo National University |
| Symposium 35 |
| P0037 Urban green areas for the enhancement of ecosystem services and human well-being: the case study of Turin (Italy) Enrico Pomatto ¹ , Luca Battisti ¹ , Federica Larcher ¹ ¹ Department of Agricultural, Forest and Food Sciences, University of Turin |
| P0087 Smart Green City in China: a New Agenda for Urbanization Feng Zhen ¹ ¹ Nanjing university |
| P0113 Linking the urban health to the quality of the blue infrastructure: a proof of concept for understanding the environmental dimension of antibiotic resistance Ileana Pătru-Stupariu ¹ , Mariana-Carmen Chifiriuc ¹ , Luminița Măruțescu ¹ , Mihai-Sorin Stupariu ¹ ¹ University of Bucharest |
| P0156 Landscape ecology - an evolutionary analysis of the design practice. Caroline Ferreira Fernandes ¹ , Luis Pedro de Mello César ¹ ¹ UnB - University of Brasília |
| Symposium 38 |
| P0065 Effects of land use on stream water quality: How do landscape composition metrics influence predictions? Linda Staponites |
| P0111 Visual models as predictive tools for assessing future ecological landscapes and supporting management decisions: validation vs. reality Liat Hadar Ben-Asher ¹ , Daniel E. Orenstein ² , Yohay Carmel ² , Yagil Osem ³ ¹ Ramat Hanadiv & The Technion - Israel Institute of Technology ² Technion - Israel Institute of Technology ³ Agricultural Research Organization, Volcani Center |
| P0114 3D printing of landscapes: from technical advances to expectations of end-users Mihai-Sorin Stupariu ¹ , Andrei Dumitriu ¹ , Ileana Pătru-Stupariu ¹ , Christine Fürst ² ¹ University of Bucharest ² Martin Luther University Halle-Wittenberg |
| Symposium 39 |

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| <p>P0090 Exploring the potentialities of a new integrated system of grey, green and blue infrastructures for improving flood protection and wastewater remediation Daniele Masseroni¹, Marco Callerio², Gian Battista Bischetti^{1,1}<i>Dipartimento di Scienze Agrarie ed Ambientali, Università degli Studi di Milano</i> ²CAP Holding Ltd</p> |
| <p>P0094 Linking natural and social capital through green infrastructures to foster urban well-being Donatella Valente¹, Maria Rita Pasimeni¹, Irene Petrosillo¹, Giovanni Zurlini^{1,1}<i>Lab. of Landscape Ecology, Dept. of Biological and Environmental Sciences and Technologies, University of Salento</i></p> |
| <p>P0122 Providing ecosystem services through urban forestation planning – A green infrastructure approach for the metropolitan city of Sao Paulo, Brazil Cleandho M. de Souza¹, Laís Padilha Leite¹, Paulo Renato Mesquita Pellegrino^{1,1}<i>University of Sao Paulo</i></p> |
| <p>P0203 Oxygen to Human. Introducing an advanced natural approach in landscape ecology design Olga Beatrice Carcassi¹, Andrea Giglio¹, Stefano Gomarasca², Ingrid Paoletti^{1,1}<i>Politecnico di Milano</i> ²Università degli Studi di Milano</p> |
| <p>T0653 Urban ecological design in the era of the Anthropocene: a process of landscape reclamation Eleni Stefania Kalapoda^{1,1}<i>Architect Engineer NTUA, Department of Architecture, National Technical University of Athens, Greece</i></p> |
| Symposium 40 |
| <p>P0024 Land use and climate interactions and their impacts on beekeeping livelihoods in the taita hills Kenya Rebecca Newman¹, Robert Marchant¹, Charis Enns², Claudia Capitani^{3,1}<i>University of York</i> ²University of Sheffield ³EU Joint Research Commission</p> |
| <p>P0077 Social-Ecological Beekeeping Units: Approaching bees as natural resource and component of human well-being in two different geographical sites in Galicia (NW Spain). Emilio R. Diaz-Varela¹, Maria Amparo Ferreira-Golpe¹, Ana Isabel Garcia-Arias¹ ¹ECOAGRASOC - University of Santiago de Compostela</p> |
| <p>P0085 An agent-based model to assess the effects of deforestation and landscape changes on pollination networks Danilo Boscolo¹, Adrian C. Newton², Patricia Alves Ferreira¹, Luciano E. Lopes³, Paul Evans² ¹University of São Paulo ²Faculty of Science and Technology, Bournemouth University ³Federal University of São Carlos</p> |
| <p>P0089 Estimating effects of changes in human disturbance regime on honey production using native honey bee at landscape scale in tropical forests of Siem Reap Province, Cambodia. Yasushi Mitsuda¹, Ryoko Hirata¹ ¹University of Miyazaki</p> |
| Symposium 42 |
| <p>P_0227 Survey on community livelihoods and landscape change along the Nzhelele and Levubu river catchments in the Limpopo Province, South Africa Walter Musakwa¹, Shuai Wang², Fangli Wei², Lerato Malapane³, Eric Mashimbye⁴, Sydney Mavengahama⁵ ¹Department of Town and Regional Planning, University of Johannesburg, ²Beijing Normal University, ³University of Johannesburg, ⁴Stellenbosch University, ⁵North West University,</p> |
| <p>P_9075 Flood hazard at coastal regions: Change detection and dominant influencing factors identification Qi Mao¹, Jian Peng¹, Yanglin Wang^{1,1}<i>Peking University</i></p> |
| <p>P0033 Landscape Dynamics Typology Tool (LDTtool) – A new way to assess landscape dynamics Rui Machado¹, Sérgio Godinho¹, Janez Pirnat², Nuno Neves^{3,4}, Pedro Santos^{4,1}<i>ICAAM - Instituto de Ciências Agrárias e Ambientais Mediterrânicas; Universidade de Évora,</i> ²Biotechnical Faculty, Department for Forestry and Renewable Forest Resources, University of Ljubljana, ³e-GEO, Research Centre for Geography and Regional Planning, Faculdade de Ciências Sociais e Humanas, Universidade Nova de Lisboa, ⁴Departamento de Paisagem, Ambiente e Ordenamento, Escola de Ciências e Tecnologia, Instituto de Ciências Agrárias e Ambientais Mediterrânicas, Instituto de Investigação e Formação Avançada, Universidade de Évora</p> |
| <p>P0206 Time-series Change of Ecological Services at the Area of Complex Earthquake Disasters by Analysis using InVEST Minghui Tang¹, Naoko Fujita^{2,1}<i>Kyushu University,</i> ²University of Tsukuba</p> |
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| <p>P0004Sustainable landscape planning and development pattern based on Internet of Things Shuanning Zheng¹, Rencai Dong^{1b1}<i>Institute of Urban Environment,Chinese Academy of Sciences</i></p> |

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| <p>P0183 The Isar-Plan: Design of a socio-ecologically resilient waterscape through polycentrism and living labs</p> <p>Juliette Genevieve Crescentia Martin¹, Aude Zingraff-Hamed², Gerd Lupp¹, JoAnne Linneroth-Bayer¹, Stephan Pauleit² ¹<i>International Institute for Applied System Analysis (IIASA), Risk and Resilience Program,</i> ²<i>Technical University of Munich, Chair for Strategic Landscape Planning and Management</i></p> |
| <p>T0045 Shaping Human Behavior, Saving Forest Genetic Resources: The Case of Forest Landscape in the Philippines</p> <p>Adriane Tobias</p> |
| <p>T0333 Place attachment through interaction with urban green space: a cross-cultural study</p> <p>Mahsa Bazrafshan¹, Felix Kienast¹ ¹<i>Swiss Federal Research Institute for Forest, Snow and Landscape Research/WSL, 8903 Birmensdorf, Switzerland</i></p> |
| <p>T0868 Territorial fragilities in Italy. Which role for the landscape design</p> <p>Lavinia Maria Dondi</p> |
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| <p>P0121 Effects of colonisation on an Indigenous landscape in southeastern Australia</p> <p>Adeen Cremin¹, Peter Bindon² ¹<i>Australasian Society for Historical Archaeology,</i> ²<i>Australian Ethnographic Institute</i></p> |
| <p>T0684 Antica Trasversale Sicula's project: an interdisciplinary approach for the reconstruction of the transhumance road system and the "victims of the Anthropocene"</p> <p>Giuseppe Labisi</p> |
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| <p>T0351 Carbon Quantification in a Mining Forest towards Valuing Ecosystem Services</p> <p>Elenita Racelis¹, Diomedes Racelis² ¹<i>TREES, College of Forestry and Natural Resources, University of the Philippines Los Banos,</i> ²<i>IRNR, College of Forestry and Natural Resources, University of the Philippines Los Banos</i></p> |
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| <p>P0068 Soil moisture decline following the plantation of Robinia pseudoacacia forests: Evidence from the Loess Plateau</p> <p>Haibin Liang¹, Zongshan Li¹ ¹<i>Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences</i></p> |
| <p>P0192 Socio-ecological perspective on prioritising semi-natural grassland restoration sites and actions: the experience of LIFE project GrassLIFE (Latvia)</p> <p>Solvita Rūsiņa¹, Ainārs Auniņš², Andrejs Briedis³, Lauma Gustiņa¹, Inga Račinska³, Baiba Strazdiņa³ ¹<i>Faculty of Geography and Earth Sciences, University of Latvia,</i> ²<i>Faculty of Biology, University of Latvia,</i> ³<i>Latvian Fund for Nature</i></p> |
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| <p>P0187b Designing soil in the Anthropocene Era: Territorial upgrade through the reinterpretation of "soil consumption" in the framework of landscape resilience</p> <p>Vittoria Mencarini¹, Luca Emanuelli¹, Gianni Lobosco¹, Massimo Tondello¹ ¹<i>University of Ferrara, Department of Architecture - IDAUP International Research Doctorate in Architecture and Urban Planning - PhD Student</i></p> |
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| <p>T0450 Simulating ecosystem services re-distribution under ecosystem-services-based mitigation programs in a landscape subject to urban expansion</p> <p>Francesco Accatino</p> |
| <p>P_0225 An Integrated Geographic Information System for the conservation of biodiversity on Mediterranean coastal dunes. The case of CALLIOPE (LIFE17-NAT_IT_000565)</p> <p>Maria Laura Carranza¹, Ludovico Frate¹, Irene Prisco¹, Flavio Marzioletti¹, Angela Stansici¹, Maria Carla Di Francesco¹ ¹<i>University of Molise/ Dip BiT/ EnvixLab</i></p> |

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| <p>P_8189 Wetlands changes in the landscape of lowlands and uplands of the Czech Republic over the last 180 years.</p> <p>Pavel Richter¹, Tomáš Fojtík¹, Jan Skaloš^{2,1}<i>T. G. Masaryk Water Research Institute, public research institution, Branch of Water Protection and Informatics, Podbabská 2582/30, Prague 160 00, Czech Republic, ²Czech University of Life Sciences, Faculty of Environmental Sciences, Kamýcká 1176, Prague 165 21, Czech Republic</i></p> |
| <p>P0096 Utilization of mangroves in Grand-Popo District, a hotspot of mangroves in Benin, West-Africa</p> <p>Constant Gnansounou¹, Mireille Toyi², Valère Salako¹, Oscar Ahossou², Jean Didier Akpona¹, Achille Assogbadjo^{2,1}<i>Laboratoire de Biomathématiques et d'Estimations Forestières, ²Laboratory of Applied Ecology</i></p> |
| <p>P0100 Spatial and temporal transformation of radioactive contamination of agroecosystems during post-Chernobyl period</p> <p>Valentin Yatsukhno¹, Nikolai Tsybulko^{2,1}<i>Belarusian State University. Landscape Ecology Lab., ²Institute of Soil Science and Agrochemistry</i></p> |
| <p>P0118 On the distribution of soil C, N, P in the salination-affected plant communities of the Yellow River Delta, China</p> <p>Shuying Jiao¹, Junran Li², Yongqiang Li¹, Ye Li¹, Zixu Zhang¹, Baishu Kong¹ ¹College of Resources and Environment, National Engineering Laboratory for Efficient Utilization of Soil and Fertilizer Resources, Shandong Agricultural University, Tai'an, Shandong 271018, China, ²Department of Geosciences, the University of Tulsa, Tulsa, OK 74104</p> |
| <p>P0123 Demo-genetic modeling of the effect of forest fragmentation on plant population viability: parameterizing a HexSim model with 10 years of field data</p> <p>Adam Hadley¹, Madeleine Oman¹, Matthew Betts², Helene Wagner¹ ¹University of Toronto ²Oregon State University</p> |
| <p>T0021 The effects of landscape pattern evolution in Liaohe estuary to changes on water quality</p> <p>Jing Kang</p> |
| <p>T0302A model study of terraced riverbeds as novel ecosystems</p> <p>Hezi Yizhaq¹, Moshe Shachak¹, Ehud Meron¹ ¹Ben Gurion University</p> |
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| <p>P0112 Population mechanistic models allow the identification of priority areas for restoration in Mediterranean pine forest landscapes affected by different fire regimes</p> <p>Susana Suárez-Seoane¹, Jose Manuel Fernández-Guisuraga¹, Víctor Fernández-García², Angela Taboada², Elena Marcos², Leonor Calvo^{2,1}<i>University of León, ²Area of Ecology, Faculty of Biological and Environmental Sciences, 24071 León</i></p> |
| <p>P0199 Integrated Biodiversity Conservation and Carbon Sequestration in the Changing Environment (IBC-CARBON)</p> <p>Anu Akujärvi¹, Irina Bergström¹, Martin Forsius¹, Francesco Minunno², Annikki Mäkelä², Risto K. Heikkinen¹ ¹Finnish Environment Institute, ²University of Helsinki</p> |
| <p>T0254 Fire driven changes in gallery forests communities in northern South America.</p> <p>Dolors Armenteras¹, Maria Constanza Meza Elizalde¹, Tania Marisol Gonzalez Delgado^{1,1}<i>Universidad Nacional de Colombia</i></p> |
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| <p>P003 From urban sprawl to compact green cities – how much do we know, how much do we agree?</p> <p>Martina Artmann</p> |
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| <p>P0047vLand Sharing Initiative for preservation of traditional cultural landscapes</p> <p>Iztok Erjavec¹, Klemen Risto Bizjak^{1,1}<i>Institute InTeRCeR - Institute for Sustainable Development and Holistic Solutions</i></p> |
| <p>P0101 Agroecology and policy instruments for sustainable multifunctional agricultural landscapes</p> <p>Jeff Norville¹, Floriane Colas², Corentin Barbu³, Vincent Martinet^{1,1}<i>INRA (Institut national de la recherche agronomique), UMR210 Economie Publique, ²UMR SADAPT, INRA, AgroParisTech, Université Paris-Saclay, ³INRA UMR211 Agronomie</i></p> |

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| <p>P0137 Social innovation as a driving force supporting revival of traditional farming in UNESCO site Vlkolinec, Slovakia Maria Kozova¹, Martin Spacek², Mariana Melnykovych³, Tatiana Kluvankova⁴, Elena Górriz Mifsud³, Valentino Marini Govigli³¹<i>Catholic University in Ruzomberok</i>, ²<i>CETIP Network s.r.o.</i>, ³<i>European Forest Institute (EFIMED)</i>, ⁴<i>Slovak Academy of Sciences, Institute of Forest Ecology</i></p> |
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| <p>P0102 A mixed-methods approach to historical-ecological analysis of pre-Soviet, Soviet and post-Soviet steppe landscape transformations. A case study from southern Ukraine Maria Zachwatowicz¹, Brian Kuns², Ivan Moysiienko³, Barbara Sudnik-Wójcikowska¹, Polina Dayneko³, Mats Widgren²¹<i>University of Warsaw, Faculty of Biology</i>, ²<i>Stockholm University, Department of Human Geography</i>, ³<i>Kherson State University, Department of Botany</i></p> |
| <p>P0162 Ecological Transformation in Institutional Landscapes: from Savannah Grassland to Urban Forest Ecosystem at JKUAT, Kenya Caleb Toroitch¹, Mugwima Njuguna¹, Dennis Karanja¹¹<i>Jomo Kenyatta University of Agriculture and Technology</i></p> |
| <p>P0194 Identifying drivers of agricultural marginality through remote sensing and statistical analysis Davide Longato</p> |
| <p>P0207 Assessing landscape perception differences of agricultural landscapes using Google Street View and panoramic photographs Daria Sikorska^{1,2}, Piotr Sikorski², Jarosław Chormański² ¹<i>European Regional Centre for Ecohydrology of the Polish Academy Of Sciences</i>, ²<i>Warsaw University of Life Sciences - SGGW</i></p> |
| <p>P0218 Combining models with socio-ecological studies for understanding the future of agricultural landscapes in Central Europe, and options for NBS implementations. Kinga Krauze¹, Katarzyna Izydorczyk¹, Renata Włodarczyk-Marciniak¹, Wojciech Frączak² ¹<i>European Regional Centre for Ecohydrology PAS</i>, ²<i>Urząd Marszałkowski w Łodzi</i></p> |
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| <p>P0127 Does Semi-Natural Habitat Amplify Beneficial Spider Populations in a California Organic Vineyard? Cord Phelps¹, Lindsey Norgrove¹¹<i>Bern University of Applied Sciences</i></p> |
| <p>P0224 Risk evaluation for Brazilian Spotted Fever occurrence in the Metropolitan Region of São Paulo. Claudia Araujo Scinachi¹, Gabriela Takeda², Luís Filipe Mucci², Adriano Pinter²¹<i>Faculdade de Saúde Pública</i>, ²<i>Superintendência de Controle de Endemias</i></p> |
| <p>T0931 Matrix type and patch size as drivers of avian-cross habitat spillover Carolina Montealegre-Talero¹, Andrea Larissa Boesing¹, Jean Paul Metzger¹¹<i>Department of Ecology, University of São Paulo</i></p> |
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| <p>P0071 Evaluation of Biodiversity and Ecosystem Services of Open Space for Green Infrastructure Planning Shiori Takahashi¹, Jun Nishihiro²¹<i>IDEA Consultants, Inc.</i>, ²<i>Toho University</i></p> |
| <p>P0175 Evaluation of flood exposure risk using anticipated inundation area map and land use map in Japan. Yota Imai</p> |
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| <p>P0110 Anthropocene concept of urban environment: integrative assessment of depletion and degradation of natural forest and biodiversity to the benefit of city landscape Christian Tooche EGBUCHE</p> |
| <p>P0117 Spectral indices for understanding green infrastructures – case study Bucharest Romania Ana-Maria Popa¹, Cristian Iojă², Mihai Niță², Gabriel Vânău², Ionuț Șandric¹ ¹<i>Faculty of Geography, University of Bucharest</i>, ²<i>Centre for Environmental Research and Impact Studies, University of Bucharest</i></p> |
| <p>T0137 Methods for monitoring patterns of urbanisation: How suitable is Shannon's entropy as a measure of urban sprawl? Jochen Jaeger</p> |

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| P0169 Conceptual framework and uncertainty analysis for large-scale, species-agnostic models of landscape connectivity: the case study of Alberta, Canada Ronan Marrec ¹ , Hossam Abdel Moniem ² , Majid Iravani ³ , Branko Hricko ³ , Jahan Kariyeva ³ , Helene Wagner ¹ ¹ EDYSAN, UMR 7058 CNRS-UPJV, ² University of Toronto, ³ Alberta Biodiversity Monitoring Institute, University of Alberta |
| P0180 A SWOT analysis of the ecosystem services at the local scale in specific protected area – Vlkolínec (Slovakia) Eva Pauditšová ¹ , Eva Pauditsova ¹ , Maria Kozova ² , Ingrid Krajnakova ¹ ¹ Faculty of Natural Sciences, Comenius University in Bratislava, Dept. of Landscape Ecology, ² Catholic University in Ruzomberok, Faculty of Education |
| P0188 Ecological network in spatial planning in the countries of the Carpathians István Valánszki ¹ , Krisztina Filep-Kovács ¹ , László Kollányi ¹ , Gabriella Nagy ² , Klaudia Máté ¹ , Ágnes Sallay ¹ ¹ Szent István University, Faculty of Landscape Architecture and Urbanism, Department of Landscape Planning and Regional Development, ² CEEweb for Biodiversity |
| T_9011 Stochastic geometry and graph-based modeling of agricultural landscapes: towards better understanding of population dynamics in biological control Patrizia Zamberletti ¹ , Julien Papaix ¹ , Edith Gabriel ² , Thomas Opitz ¹ ¹ INRA, BioSP, ² Université Avignon |
| T0244 Mapping ecological connectivity in the European Alps Rachel Luethi ¹ , Rudolf Haller ¹ , Irena Bertoncej ² , Yann Kohler ³ , Aleš Poljanec ⁴ , Franziska Pöpperl ⁵ ¹ Swiss National Park, ² Agricultural Institute of Slovenia, ³ ALPARC, ⁴ Slovenia Forest Service, ⁵ National Park Kalkalpen |
| T0505 Coming back home: recolonization of abandoned dens by crested porcupines and Eurasian badgers after wood-cutting and riparian vegetation mowing events Emiliano Mori ¹ , Giacomo Assandri ² ¹ Università degli Studi di Siena, ² Department of Earth and Environmental Sciences, University of Pavia |
| T0708 Location of Biological Corridor of Fragmented Habitat by Roads and its Effect Evaluation on the Giant Panda Migration Based on Agent Based Model——Case Study of the Wolong Natural Reserve in Chi Dihua li |
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| PXX99 Getting out in the field: learning through experience in an unfamiliar landscape Annelies Van Caenegem ¹ , Isabel Loupa Ramos ² , Maria da Graça Saraiva ² , Veerle Van Eetvelde ¹ ¹ Ghent University – Department of Geography, ² University of Lisbon - Instituto Superior Técnico Lisboa |
| P0084 From Rochester to Malmö: An international cross-institutional urban ecology course Elizabeth Hane ¹ , Karl Korfmacher ¹ ¹ Rochester Institute of Technology |
| P0134 Perceiving landscape as a special place through total immersive experiences. Annastella Gambini ¹ , Serena Ciulla ¹ ¹ UNIMIB |
| P0184 In search of Nature: Teaching ecosystem services concept into primary school Martina Fava ¹ , Claudia Canedoli ² , Emilio Padoa-Schioppa ² ¹ Department of Human Sciences for Education University Milano Bicocca, ² Department of Earth and Environmental science, University of Milano-Bicocca |
| P0234 Mobartech: experiencing local heritage and cultural landscape in a Unesco site. Franca Zuccoli ¹ , Valeria Pecorelli ¹ , Alessandra De Nicola ¹ ¹ University of Milano Bicocca |
| T0369 Supporting learning on the ecosystem services approach through role playing game simulation in secondary schools Elena Gissi ¹ , Mattias Gaglio ² , Elisa Anna Fano ² ¹ Iuav University of Venice, ² University of Ferrara |
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| P0130 Exploring the joint application of seascape ecology, food-web modeling and ecosystem services for the implementation of the Water Framework directive in the Venice lagoon (Italy) Silvia Rova ¹ , Marco Anelli Monti ¹ , Fabio Pranovi ¹ ¹ Environmental Sciences, Informatics and Statistics Dept., University Ca' Foscari of Venice |

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| P0165 Assessing the delivery of ecosystem services in a climate change context: using ecological reasonable indicators Laura Basconi ¹ ¹ <i>Ca' Foscari University</i> |
| P0217 Landscape study of "Utrish" reserve marine area Polina Makalova ¹ ¹ <i>Lomonosov Moscow State University</i> |
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| P0149 Abundance of submerged aquatic vegetation and water quality as drivers of waterfowl distribution across an oligohaline bay and coastal wetland system Carly Sibilis ¹ , Lauren Mowbray ² , Chad Boyce ³ , Jesus Aguirre Gutierrez ¹ , Yadvinder Malhi ¹ ¹ <i>University of Oxford School of Geography and the Environment</i> , ² <i>U.S. Fish and Wildlife Service, Back Bay National Wildlife Refuge</i> , ³ <i>Virginia Department of Game and Inland Fisheries</i> |
| T0721 Maintaining longleaf pine habitat for red-cockaded woodpeckers under climate change Melissa Lucash ¹ , Paul Pettus ¹ , Robert Scheller ² ¹ <i>Portland State University</i> , ² <i>North Carolina State University</i> |
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| P0136 Landscape restoration based on ecosystem services and historical recollections after the Great East Japan Earthquake of 2011 Keitaru Hara |
| P_8220 Fluvial Morphotypes for Basin Planning Alexander Palumbo |
| P0076 Significance of spatial interactions between patches of ecosystems with different ecological maturity and spatial position in the functioning of the landscape Pilar Martín de Agar ¹ , Adrian Lazaro Lobo ² , Carlos L. De Pablo ¹ ¹ <i>Departament of Biodiversity, ecology and evolution. Complutense University of Madrid</i> , ² <i>Mississippi State University</i> |
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| P0017 Let's Democratize Drones! Using the Ryze Tello Drone as a Tool for Ecological Farm Design & Landscape Ecology Research Jabez Joshua Flores ¹ , Ara Kathleen Bagunu ² ¹ <i>School of Environmental Science and Management, University of the Philippines Los Banos</i> , ² <i>Permaculture Research PH</i> |
| P0026 Enhancing coping mechanisms to hydrometeorological hazards of Manamoc Island, Cuyo, Palawan, Philippines Mylene Martinez ¹ , Inocencio Jr. Buot ² ¹ <i>University of the Philippines Los Banos</i> , ² <i>Institute of Biological Sciences, College of Arts and Sciences, University of the Philippines Los</i> |
| P0040 Finding potentially suitable sites for restoring endangered lily (<i>Lilium japonicum</i>) in Ishima island, Tokushima, Japan Yuichi Nada ¹ , Naoki Iiyama ² , Masako Watanabe ² , Mahito Kamada ¹ ¹ <i>Department of Civil and Environmental Engineering, Graduate School of Advanced Technology and Science, Tokushima University</i> , ² <i>Research Center for Management of Disaster and Environment, Tokushima University</i> |
| P0041 Local festival as a key for sustaining coastal pine forest of biocultural landscape Fumika Asanami ¹ , Mahito Kamada ¹ ¹ <i>Department of Civil and Environmental Engineering, Graduate School of Advanced Technology and Science, Tokushima University</i> |
| P0062 Threshold interactions in socio-ecological systems across spatial scales. Rural landscape development in Poland. Renata Włodarczyk-Marciniak ¹ , Kinga Krauze ¹ , Piotr Frankiewicz ² ¹ <i>European Regional Centre for Ecohydrology of the Polish Academy of Sciences</i> , ² <i>Department of Applied Ecology, Faculty of Biology and Environmental Protection, University of Lodz</i> |
| P0119 Ecological restoration of a quarry and spiritual landscapes in motion for a Buddhist monastery Gianluigi Pirrera ¹ , Carla Freccero ² ¹ <i>A.I.P.I.N. (Associazione Italiana per l'Ingegneria Naturalistica)</i> , ² <i>Associazione Sangha Onlus</i> |
| P0173 Ritual plant utilization in Balinese ceremonial facilities |

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| Made Pradnyan Dana Natawiguna ¹ , Furuya Katsunori ² ¹ <i>Bogor Agricultural University</i> , ² <i>Graduate School of Horticulture Chiba University</i> |
| P0208 Evaluation of Bio-Cultural Landscape in Tsushima Island, Nagasaki, Japan Hideki Kobayashi ¹ , Naoko Fujita ² ¹ <i>Kyushu University</i> , ² <i>University of Tsukuba</i> |
| T0486 Bio-cultural landscape values as perceived at community level – a case of disappearing steppe landscapes, southern Ukraine Maria Zachwatowicz ¹ , Brian Kuns ² , Ivan Moysiienko ³ , Mykola Homanyuk ³ , Polina Dayneko ³ , Mats Widgren ² ¹ <i>University of Warsaw, Faculty of Biology</i> , ² <i>Stockholm University, Department of Human Geography</i> , ³ <i>Kherson State University, Department of Botany</i> |
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| P_0233 Evaluation the Role of Urban Green Spaces and Urban Open Spaces on decrease of Noise pollution: A landscape ecology approach Maryam Hatami ¹ , Abolfazl Jamali ¹ <i>Abangah co.</i> |
| P0021 The expressing efficiency of landscape indices on mangrove heath status monitoring in Coastal mangrove wetlands Fang Li ¹ ¹ <i>National Marine Environment Monitoring Center</i> |
| P0056 Noise level and water availability drive resident and migratory bird species richness within a Brazilian megacity Karlla Vanessa de Camargo Barbosa ¹ , Amanda D. Rodewald ² , Milton Cezar Ribeiro ³ , Alex E. Jahn ⁴ ¹ <i>Universidade Estadual Paulista</i> , ² <i>Cornell Lab of Ornithology and Department of Natural Resources, Cornell University</i> , ³ <i>Departamento de Ecologia, Laboratório de Ecologia Espacial e Conservação (LEEC), Rio Claro</i> , ⁴ <i>Environmental Resilience Institute, Indiana University</i> |
| P0067 Conceptual patterns of movement by birds between habitat patches in forest landscape Ryoko Hirata ¹ , Satoshi Ito ¹ , Yasushi Mitsuda ¹ ¹ <i>University of Miyazaki</i> |
| P0078 A comprehensive assessment of the aesthetic quality of urban riparian landscapes Na Zhang ¹ , Xin Wang ¹ , Xiaorou Zheng ¹ ¹ <i>University of Chinese Academy of Sciences</i> |
| P0131 Effect of variation in habitat selection and gut passage time on seed dispersal in a fragmented landscape in Costa Rica Luis Antonio Arias Medellín ¹ , Adam Hadley ¹ , Sarah Frey ² , Matthew Betts ² , Helene Wagner ¹ ¹ <i>University of Toronto Mississauga</i> , ² <i>Oregon State University</i> |
| P0141 Designing ecological networks using focal species: area-limited vs dispersal-limited species Olivia Dondina ¹ , Valerio Orioli ¹ , Luciano Bani ¹ ¹ <i>University of Milano-Bicocca</i> |
| P0143 Effects of unplanned occupation and Brazilian legislation on Atlantic Forest conservation in an urban matrix Elisa Hardt ¹ , Thais Martins Issii ¹ , Amanda Caetano Romero ¹ , Erico Fernando Lopes Pereira-Silva ² ¹ <i>Federal University of São Paulo – UNIFESP Department of Environmental Sciences</i> , ² <i>University of São Paulo – USP Department of Ecology</i> |
| P0148 Characterizing patterns and drivers of seasonal elevational movement of birds using citizen science data Mao-Ning Tuanmu ¹ , Chie-Jen Ko ² , Ya-Jung Lu ¹ , Chia Hsieh ¹ , Pei-Yu Tsai ¹ ¹ <i>Biodiversity Research Center, Academia Sinica</i> , ² <i>Endemic Species Research Institute</i> |
| P0164 Improving water retention in urban setting by ecohydrological segmentation: case study from Czechia Pavel Raška ¹ , Martin Dolejš ¹ ¹ <i>Department of Geography, Faculty of Science, J. E. Purkyně in Ústí nad Labem, Czech Republic</i> |

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| <p>P0172 Does grizzly bear habitat quality reflect biodiversity and the provision of ecosystem services in western Canada?</p> <p>Majid Iravani¹, Jerome Cranston¹, Amy Nixon¹, Tom Habib¹, Carrie Selin¹ ¹<i>Alberta Biodiversity Monitoring Institute, University of Alberta, Canada</i></p> |
| <p>P0176 The rural landscape of "Val di Non" (Trentino - Northern Italy): storytelling, images and design of places</p> <p>Michele Odorizzi¹ ¹<i>University of Trento</i></p> <p>P0186 Tourism Village as One Effort of Community-based Environmental Conservation Education</p> <p>Ray March Syahadat¹, Ismail Saleh², Priambudi Trie Putra¹, Cici Nurfatimah¹, Rina DwicaDesyana³</p> <p>¹<i>Department of Landscape Architecture, National Institute of Science and Technology</i>, ²<i>Department of Agrotechnology Department, Swadaya Gunung Jati University</i>, ³<i>Indonesian Society of Landscape Architects</i></p> |
| <p>P0205 Cultural ecosystem services in an urban park: the case of Parco Nord (Milan) in integrating scientific research with management</p> <p>Claudia Canedoli¹, Luca Mazzini¹, Emilio Padoa-Schioppa¹ ¹<i>Department of Earth and Environmental sciences, University of Milano-Bicocca</i></p> |
| <p>P0223 Effect of landscape configuration on the community structure of waterbird in a conservation gradient of western south coast of Cuba</p> <p>Susana Aguilar¹, Lourdes Mugica², Martin Acosta², Karen Aguilar³, Rodolfo Castro⁴, Lilian Tonelli¹</p> <p>¹<i>Universidade Federal do Paraná, Setor de Ciências Biológicas</i>, ²<i>Havana University, Faculty of Biology</i>, ³<i>Havana University, Faculty of Geography</i>, ⁴<i>National Institute of Agricultural Sciences</i></p> |