**POSTER PROGRAM – Updated 30 July 2019 – poster positions**

**Building U6 – ground floor**

**Poster can be displayed all the week - Poster sessions:**

**Monday 1st 18.30-19.00 / Tuesday 2nd 17:30-19:00 / Thursday 4th 17:30-18:30**

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|  | Symposium 02 |
| **1** | **P0174 Delineation of urban growth boundary based on ecological security pattern** Rui Zhou1, Jun Gao1 *1Shanghai Normal University* |
|  | Symposium 03 |
| **2** | **P0031 Agrarian landscape rehabilitation following landscape bionomics** Vittorio Ingegnoli1, Stefano Bocchi1*1State University of Milan* |
| **3** | **P0093 Investigating the off-stage landscape service burdens of olive oil production**Maria Rita Pasimeni1, DonatellaValente1, Irene Petrosillo1, Giovanni Zurlini1 *1Lab. of Landscape Ecology, Dept. of Biological and Environmental Sciences and Technologies, University of Salento* |
|  | Symposium 04 |
| **4** | **P0064 We need to talk about walls: examining the legacy of the Berlin Wall on a peri-urban forest**Elsa Anderson1 *1Technische Universitat of Berlin* |
|  | Symposium 05 |
| **5** | **P0210** **Forest-bird relationships within two differently managed Natura 2000 alpine sites: an application of the bioacoustics approach at small scale** Alessia Portaccio1, Tommaso Sitzia1, Andrea Favaretto2, Thomas Campagnaro1 *1TESAF Department, University of Padova 2Bioprogramm (Soc.Coop.R.L.)* |
|  | Symposium 07 |
| **6** | **T0659** **A circular and Nature-based view of urban systems: The low-entropy city** Raffaele Pelorosso1 *1Tuscia University* |
|  | Symposium 08 |
| **7** | **T\_0964 Effects of habitat fragmentation and landscape structure on core and peripheral populations of the eastern green lizard (Lacerta viridis)**Ana María Prieto Ramírez |
| **8** | **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 Cortinovis1, Claudia Alzetta2, Davide Geneletti1, Grazia Zulian3, Federico Agostini4 *1University of Trento 2Comune di Padova 3European Commission Joint Research Centre 4University of Padova* |
| **9** | **T0738 Understory vegetation recovery after wildfire disturbances in boreal forest**Bo Liu |
|  | Symposium 09 |
| **10** | **P0001 Scenario analysis of ecosystem service changes and interactions in a mountain-oasis-desert system: a case study in Altay Prefecture, China**Qi Fu |
| **11** | **P\_8193 National Park Collaborative Management Functional Zoning Study in China—Taking Shennongjia National Park as an example** Jie Li1, Weiyue Li1, Jun Gao1, Jing Fu1 *1School of Environmental and Geographical Sciences, Shanghai Normal University* |
| **12** | **P0008 Future trends in the provision of ecosystem services of mountain grassland** Uta Schirpke1,2, Marina Kohler2, Georg Leitinger2, Veronika Fontana1, Erich Tasser1, Ulrike Tappeiner1,2 *1Institute for Alpine Environment, Eurac Research 2Department of Ecology, University of Innsbruck* |
| **13** | **P0082 The influence of hiking pressure on wildlife activity in the Baekdudaegan Mountain Range Trail in Korea** Byung Mook Hwang1, Dongwook W. Ko1, Chan Ryul Park  *1Department of Forest, Environment, and Systems, Kookmin University 2Urban Forests Research Center, National Institute of Forest Science (NIFoS)* |
| **14** | **P0088 Study on supply and demand matching of ecosystem services in Loess Hilly Regiona case study of Lanzhou, Gansu Province** Chunfang Liu1 *1College of Social Development and Public Administration, Northwest Normal University* |
| **15** | **P0120 Relationships between habitat structure and ecosystem services: carbon stock in alpine forests and prairies** Emilio Padoa-Schioppa1, Angela Proietto2, Francesca Mazzucchelli1, Claudio Liga1, Davide Abu El Khair1, Claudia Canedoli1 *1University of Milano-Bicocca; Department of Earth and Environmental Sciences 2University of Milano* |
| **16** | **T0543 Current landscape-ecological state of protected areas of the northern Caucasus** Marina Petrushina1 *1Lomonosov Moscow State University* |
|  | Symposium 10 |
| **17** | **P\_8221 The role of landscape and relief aspects on carbon stock in secondary tropical forests of human-dominated landscapes** Isabella Romitelli1, Jomar Magalhães Barbosa2, Jean Paul Walter Metzger1 *1University of São Paulo 2Miguel Hérnandez University* |
| **18** | **P0034 Integrated assessment of forest bioenergy options using the Landscape simulation and Ecological Assessment (LEcA) tool – a study of Lithuania** Ulla Mörtberg1, Xi Pang1, Renats Trubins2, Gintautas Mozgeris3 *1Department of Sustainable Development, Environmental Science and Engineering, KTH Royal Institute of Technology, Stockholm 2Swedish University of Agricultural Sciences, Alnarp 3Agriculture Academy of Vytautas Magnus University, Institute of Forest Management and Wood Science* |
| **19** | **P0046 Temperate European floodplain forests face the threats of water management projects** Ivo Machar1, Jan Brus2 *1Palacky University Olomouc, Faculty of Science, Dpt. of Development and Environmental Studies 2Palacky University Olomouc, Faculty of Science, Dpt. of Geoinformatics*  |
| **20** | **T0043 Application of the space-for-time substitution method in validating long-term biomass predictions of a forest landscape model** Jun Ma1, Xiangming Xiao2, Rencang Bu3, Yuanman Hu3 *1Fudan University 2University of Oklahoma 3Institute of Applied Ecology, Chinese Academy of Sciences*  |
|  | Symposium 11 |
| **21** | **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 Cui1, Shozo Shibata2 *1Graduate School of Agriculture, Kyoto University 2Graduate School of Global Environmental Studies, Kyoto University* |
| **22** | **P0043 Urban agriculture in Czechia: a colorful mosaic of forms and activities** Miroslav Šifta1, Jana Šiftová1 *1Charles University* |
| **23** | **P0098 Designing a tool for the sustainability evaluation of intra-urban agriculture using a participatory approach** Paola Clérino1, Agnès Lelièvre1 *1AgroParisTech, INRA, Université Paris-Saclay* |
| **24** | **P0128 Soil invertebrates as bioindicators of biodiversity support in urban agriculture** Baptiste Grard1, Claire Chenu1, Apolline Auclerc1, Laure Vieublé1, Antoine Lagneau2, Sophie Joimel1 *1UMR ECOSYS (AgroParisTech - INRA) 2Agence Régionale de la Biodiversité, département de l’Institut d’Aménagement et d’Urbanisme* |
| **25** | **P0150 Agricultural areas as Ecosystem Services tanks: considerations on the metropolitan area of Rome through a GIS-based land use change analysis** Silvia Pili1, Giampiero Mazzocchi1, Roberta Mele1, Davide Marino2 *1University of Sapienza, Rome 2Molise University* |
| **26** | **P0202 Epigeal fauna of urban food production sites show no obvious relationships with area or soil characteristics** Sofia Biffi1, Cleandho M de Souza2, Les Firbank1 *1University of Leeds 2University of Sao Paulo* |
| **27** | **P0228 Spatial context and legal environment of urban agriculture in the Ruhr metropolitan area (Germany)** Kathrin Specht1, Julian Schimichowski1, Runrid Fox-Kämper1 *1ILS- Research Institute for Regional and Urban Development* |
|  | Symposium 12 |
| **28** | **P0057 Quantifying the effects of defective planning on pastures using urbanization and landscape indicators** Ana-Maria Calotă1, Ileana Pătru-Stupariu1 *1University of Bucharest*  |
|  | Symposium 13 |
| **29** | **P\_8213 Identification of good-practice patterns in urban design for improved temperature regulation in warming climates** Joanna Zawadzka1, Ronald Corstanje1, Jim Harris1 *1Cranfield University* |
| **30** | **P0025 Sustainable future scenarios for environmentally sustainable livelihoods in the Zanzibar Archipelago** Rebecca Newman1 *1University of York*  |
| **31** | **P0050 Landscape planning of the region** Ekaterina Pozachenyuk1, Irina Kalinchuk1, Ekaterina Pizova1 *1V.I. Vernadsky Crimean Federal University* |
| **32** | **T0144 Statistical and configurationally relationships between landscape metrics and water quality parameters**Ali Jafari |
| **33** | **T0272 Land management for climate change mitigation: afforestation vs. bioenergy plantations** Jan Sandstad Næss1, Otavio Cavalett1, Bo Huang1, Xiangping Hu1, Francesco Cherubini1 *1Industrial Ecology Programme, Norwegian University of Science and Technology* |
|  | Symposium 16 |
| **34** | **P\_0235 A portable indoor air detection box** Chun-yuan Zhao1, Wan-gui Zhou1, Hao-wei Wang1 *1Institute of Urban Environment, Chinese Academy of Sciences* |
| **35** | **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 |
| **36** | **P0152 The Democratization of Technology in Geoscientific Research** Sarah Brown1, Martin G. Evans1, Claire S. Goulsbra1, Emma Shuttleworth1 *1University of Manchester* |
|  | Symposium 17 |
| **37** | **P0044 China needs more re-habitats than US-Japan developed countries in mega-cities** Hongbing WANG1, Yonghong HU2-3, Jun QIN3 *1College of Life Sciences, Shanghai Normal University 2Shanghai Chenshan Plant Science Research Centre, Chinese Academy of Sciences 3Shanghai Chenshan Botanical Garden* |
| **38** | **P0144 How landscape planning can benefit from computational algorithm; introduction of process mining approach** Mahsa Bazrafshana1, Paola Sturla2 *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* |
| **39** | **P0145 The impact of composition and configuration of urban green space on its cooling effect**Majid Amani‬‏beni |
| **40** | **P0209 Transformations of the Corumbé stream: an analysis through the concept of Hemerobia** Juliana Maria de Souza Freitas1 *1FAUUSP - Faculdade de Arquitetura e Urbanismo da Universidade de São Paul* |
| **41** | **T0056 The role of urban form to achieve greener and more permeable matrixes in high-density cities** Patricia Mara Sanches1, Eduardo Roberto Alexandrino1, Demóstenes Ferreira da Silva Filho1 1Luiz de Queiroz College of Agriculture - Forest Science Department |
| **42** | **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 |
| **43** | **P\_9073 Ecological footprint of country houses and their role in changes in suburbanized landscapes in central Russia** Tatiana Trifonova1, Karen Karapetian2 *1Lomonosov Moscow State University and Vladimir State University 2Vladimir State University*  |
| **44** | **P0095 Evaluating temporal changes in landscape connectivity for Alouatta caraya (Primates: Atelidae) among forest fragments in Pampa biome, south Brazil** Marcia Maria de Assis Jardim1, Beatriz Terrones2, Ricardo Aranha Ramos1, Andreu Bonet2 *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* |
| **45** | **P0154 Land-use change in oil palm dominated tropical landscapes - An agent-based model to explore ecological and socio-economic trade-offs** Jan Salecker1, Claudia Dislich1,2, Elisabeth Hettig3,1, Jann Lay3,1, Katrin Meyer1, Kerstin Wiegand1 *1University of Goettingen 2UFZ - Helmholtz Centre for Environmental Research 3GIGA German Institute of Global and Area Studies* |
|  | Symposium 19 |
| **46** | **P\_0236 Impacts of mining on net primary productivity of the vegetation: a case study of Shengli Coalfield** Wan-gui Zhou1, Chun-yuan Zhao1, Ye-ning Wang1, Hao-wei Wang1 *1Institute of Urban Environment, Chinese Academy of Sciences* |
| **47** | **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 Stanisci1 *1EnviX-Lab, Department of Bioscience and Territory, University of Molise 2National Research Council, Institute of Marine Sciences (CNR-ISMAR)* |
| **48** | **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 Jacinthe3 *1Beijing Normal University 2Chinese Academy of Sciences 3Indiana University Purdue University Indianapolis* |
| **49** | **P0060 Ecological Effects and Potential Risks of the Water Diversion Project in the Heihe River Basin** Mengmeng Zhang1 *1Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences* |
| **50** | **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 Stotten3 *1University of Innsbruck, Department of Ecology 2Eurac Research, Institute for Alpine Environment 3University of Innsbruck, Department of Sociology* |
| **51** | **P0069 Meta-analysis approach to assess the effectiveness of contour tillage in reducing water erosion in China** Lizhi Jia1, Wenwu Zhao1 *1State Key Laboratory of Earth Surface Processes and Resource Ecology, Faculty of Geographical Science, Beijing Normal University, Beijing 100875, PR China* |
| **52** | **P0163 Mitigating the Conflicts Between Environmental, Economic and Social Benefits - Examining Ecosystem Services from an Ecological Wisdom Perspective** Yi Luo1, Bo Yang2, Shujuan Li2 *1University of Florida 2University of Arizona* |
|  | Symposium 20 |
| **53** | **P0054 Habitat Quality Modeling of Wild Sheep (Ovis orientalis) in Central parts of IRAN Using InVEST and MaxEnt Models** Azita Rezvani1, ShekoufehNematollahi1, Sima Fakheran1 *1Department of Natural Resources, Isfahan University of Technology* |
| **54** | **P0132 Grazing and fire on the reversibility and management of woody shrub encroachment: A modeling approach** Junran Li1, Guan Wang1, Ravi Sujith2 *1The University of Tulsa, OK, USA 2Temple University, PA, USA* |
|  | Symposium 22 |
| **55** | **P0012 Commune land use planning in Cambodia: Concept, methodology and approaches** Khu Bunnath1 *1Research and Development SBK (ADB/MLMUPC/CLUP Project*  |
| **56** | **P0079 Collateral Values: The Natural Capital Created by Landscapes of War** Todd Lookingbill1, Peter Smallwood1 *1University of Richmond* |
| **57** | **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 *1Department of Biological, Geological and Environmental Sciences, Università di Bologna 2Istituto per i beni artistici, culturali e naturali - Regione Emilia-Romagna3Department of Agricultural and Food Sciences, Università di Bologna* |
| **58** | **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 Garbarino1 *1Università di Torino (DISAFA) 2University of Wisconsin, Madison* |
| **59** | **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 Ito1 *1Laboratory of Environmental Design, Department of Civil Engineering, Kyushu Institute of Technology* |
| **60** | **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 Nagornaya1 *1Faculty of Geography, Lomonosov Moscow State University* |
| **61** | **T0023 Historic land-use and fire exclusion influence oak regeneration and mesophytic expansion** Robert Scheller1, Christopher Gerstle1, Zachary Robbins1, Louise Loudermilk2 *1North Carolina State University 2USDA Forest Service* |
| **62** | **T0070 Relations between nature conservation and land-use legacies in the Białowieża Forest (Poland): the influence on a landscape and its evolution** Barbara Bożętka1 *1Nicolaus Copernicus University, Toruń, Poland* |
| **63** | **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 Šantrůčková1 *1Research Institute for Landscape and Ornamental Gardening* |
| **64** | **T0803 Spatial structure of forest plantations in the Araucanía region, Chile by means of landscape metrics, factor analysis and principal components** Fernando Peña-Cortés1, Cristian Vergara-Fernández1, Francisco Aguilera-Benaventeb2, Gonzalo Rebolledo1 *1Universidad Católica de Temuco. Laboratorio de Planificación Territorial 2Universidad de Alcalá* |
|  | Symposium 24 |
| **65** | **P\_0239 Social agriculture turns eco-social – case studies from the Southern Alps** Sara Nicli1, Stefan Zerbe1, Sergio Angeli1*1Free University of Bolzano*  |
| **66** | **P0092 Co-designing insect-friendly farming systems – the project concept of FInAL** Maria Busse1, Felix Zoll1, Rosemarie Siebert1, Ulrich Stachow1 *1Leibniz Centre for Agricultural Landscape Research (ZALF)*  |
| **67** | **P0191 Farmland contributions to urban green infrastructure** Werner Rolf1 *1Chair for Strategic Landscape Planning and Management, Technical University of Munich, Germany; Institute of Environmental Science and Geography, Land Science, University of Potsdam, Germany* |
|  | Symposium 26 |
| **68** | **P0020 Multitemporal NDVI classification of coastal dune habitats of central Italy with Sentinel 2 data** Flavio Marzialetti1, Maria Laura Carranza1, Silvia Giulio2, Marta Gaia Sperandii2, Alicia Teresa Romario Acosta2 *1ENVIX-LAB, Dipartimento Di Bioscienze e Territorio, Università degli studi del Molise 2Dipartimento di Scienze, Università degli studi di Roma Tre* |
| **69** | **P0097 Influence of topography and vegetation dynamics on coffee sting bugs population across an altitudinal gradient in heterogeneous landscape** Gladys Mosomtai1, John Odindi2, Tobias Landmann3, Elfatih Abdel-Rahman1, Abdelmutalab Azrag1, Régis Babin1 *1International Centre for Insect Physiology and Ecology 2School of Agricultural, Earth and Environment Sciences, University of KwaZulu-Natal 3Remote Sensing Solutions* |
| **70** | **P0115 Assessment of Monitoring of Coastal zone erosion by Airborne laser scanning system** Sajjad Roshandel1 *1SCSC Laboratory of Xiamen university* |
| **71** | **P0126 Analysis of changes in forest habitat connectivity in the disaster damaged Sendai Bay area of northeast Japan** Hidetake Hirayama1 Mizuki Tomita2 Keitarou Hara2 *1Graduate School of Tokyo University of Information Sciences 2Department of Informatics, Tokyo University of Information Sciences*  |
| **72** | **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 |
| **73** | **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 Watanabe1, Katsue Fukamachi2 *1United Nations University/Senior Programme Coordinator 2Kyoto University/associate professor* |
| **74** | **T0872 Co-production within Working With Natural Processes (WWNP) Projects: lessons from Natural Flood Management projects in the England and Italy** Chris Short1, Fabio Carnelli2, Chris Uttley3, John Hollis3, Silvia Mugnano2 *1University of Gloucestershire 2University of Milan-Bicocca 3Environment Agency* |
| **75** | **T0877 Incorporating farmer and local knowledge into the development of policies sympathetic to Working With Natural Processes** Chris Short1, Jess Neumann2, Joanna Clark2 *1University of Gloucestershire 2University of Reading* |
|  | Symposium 28 |
| **76** | **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 Morimoto1, Haruka Komatsu2, Wataru Hotta2, Satoshi N. Suzuki3, Toshiaki Owari3 *1Graduate School of Agriculture, Hokkaido University 2Faculty of Agriculture, Hokkaido University 3The University of Tokyo Chichibu Forest, Graduate School of Agricultural and Life Sciences, The University of Tokyo* |
|  | Symposium 29 |
| **77** | **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'Ambrogi1, Alessandro Gretter2, Luisa Pedrazzini3, Maria Quarta4, Tina Trampuš5, Michaela Küenzl6 Elena Guella*7 1ISPRA,**2Fondazione Edmund Mach (Italy), Institute of Geography University of Innsbruck (Austria), FAMA University of Trento (Italy),**3Regione Lombardia,**4Regione Piamonte,**5Institute of the Republic of Slovenia for Nature Conservation,**6Bavarian State Ministry of the Environment and Consumer Protection, 7Provincia Autonoma di Trento* |
|  | Symposium 30 |
| **78** | **P0014 Effects of semi-natural habitats on the abundance and distribution of insect pollinators in sunflower fields in Hungary** Károly Lajos1, Áron Bihaly1, Miklós Sárospataki1 *1Szent István University, Department of Zoology and Animal Ecology* |
| **79** | **P0091 Identifying landscape structures to enhance wild bee diversity in agricultural areas** Sophie Kratschmer1, Esther Ockermüller1, Johann Neumayer1, Christa Hainz-Renetzeder2, Kathrin Pascher3 *1Institute for Integrative Nature Conservation Research, University of Natural Resources and Life Science (BOKU), Vienna, Austria 2Institute of Landscape Development, Recreation and Conservation Planning (ILEN), University of Natural Resources and Life Sciences (BOKU), Vienna, Austria 3Institute of Zoology, University of Natural Resources and Life Sciences (BOKU), Vienna, Austria* |
| **80** | **P0107 Creating a spatially and temporally-explicit model of floral resources for pollinators in the agricultural landscape of Central New York, USA** Kevin Li1, Aagon Iverson2 *1University of Goettingen 2Cornell University* |
| **81** | **P0168 A comparative landscape genetic approach to assessing landscape effects on agricultural native bees in Alberta, Canada** Celia Hein1, Cameron Carlyle2, Jessamyn Manson3, Paul Galpern4, Helene Wagner1 *1University of Toronto Mississauga 2University of Alberta 3University of Virginia 4University of Calgary* |
|  | Symposium 31 |
| **82** | **P0139 Assessing the delivery of ecosystem services in a climate change context: using ecological reasonable indicators** Laura Basconi1 *1Ca' Foscari University, Venice* |
| **83** | **P0157 Landscape Ecological Exhibition Experience Using Tidal-flat Biocultural Resources** Sun-Kee Hong1, Yong-Tae Won1, Kyong-A Lee1 *1Mokpo National University* |
|  | Symposium 35 |
| **84** | **P0037 Urban green areas for the enhancement of ecosystem services and human well-being: the case study of Turin (Italy)** Enrico Pomatto1, Luca Battisti1, Federica Larcher1 *1Department of Agricultural, Forest and Food Sciences, University of Turin* |
| **85** | **P0087 Smart Green City in China: a New Agenda for Urbanization** Feng Zhen1 *1Nanjing university* |
| **86** | **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-Stupariu1, Mariana-Carmen Chifiriuc1, Luminiţa Măruţescu1, Mihai-Sorin Stupariu1 *1University of Bucharest* |
| **87** | **P0156 Landscape ecology - an evolutionary analysis of the design practice.** Caroline Ferreira Fernandes1, Luis Pedro de Mello César1 *1UnB - University of Brasília* |
|  | Symposium 38 |
| **88** | **P0065 Effects of land use on stream water quality: How do landscape composition metrics influence predictions?**Linda Staponites |
| **89** | **P0111 Visual models as predictive tools for assessing future ecological landscapes and supporting management decisions: validation vs. reality** Liat Hadar Ben-Asher1, Daniel E. Orenstein2, Yohay Carmel2, Yagil Osem3 *1Ramat Hanadiv & The Technion - Israel Institute of Technology 2Technion - Israel Institute of Technology 3Agricultural Research Organization, Volcani Center* |
| **90** | **P0114 3D printing of landscapes: from technical advances to expectations of end-users** Mihai-Sorin Stupariu1, Andrei Dumitriu1, Ileana Pătru-Stupariu1, Christine Fürst2 *1University of Bucharest 2Martin Luther University Halle-Wittenberg* |
|  | Symposium 39 |
| **91** | **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 Bischetti1 *1Dipartimento di Scienze Agrarie ed Ambientali, Università degli Studi di Milano 2CAP Holding Ltd* |
| **92** | **P0094 Linking natural and social capital through green infrastructures to foster urban well-being** Donatella Valente1, Maria Rita Pasimeni1, Irene Petrosillo1, Giovanni Zurlini1 *1Lab. of Landscape Ecology, Dept. of Biological and Environmental Sciences and Technologies, University of Salento* |
| **93** | **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 Pellegrino1 *1University of Sao Paulo* |
| **94** | **P0151 Assessing Mismatches in the Provision of Urban Ecosystem Services: a Methodological Approach to Support the Design of Green Infrastructure -** Maria Susana Orta Ortiz1, Davide Geneletti1 *1University of Trento, Department of Environmental, Civil and Mechanical Engineering* |
| **95** | **P0203 Oxygen to Human. Introducing an advanced natural approach in landscape ecology design** Olga Beatrice Carcassi1, Andrea Giglio1, Stefano Gomarasca2, Ingrid Paoletti1 *1Politecnico di Milano 2Università degli Studi di Milano*  |
| **96** | **T0653 Urban ecological design in the era of the Anthropocene: a process of landscape reclamation** Eleni Stefania Kalapoda1 *1Architect Engineer NTUA, Department of Architecture, National Technical University of Athens, Greece* |
|  | Symposium 40 |
| **97** | **P0024 Land use and climate interactions and their impacts on beekeeping livelihoods in the taita hills Kenya** Rebecca Newman1, Robert Marchant1, Charis Enns2, Claudia Capitani3 *1University of York 2University of Sheffield 3EU Joint Research Commission* |
| **98** | **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* |
| **99** | **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* |
| **100** | **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* |
|  | Symposium 42 |
| **101** | **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 Johannebsurg,2Beijing Normal University, 3University of Johannesburg, 4Stellenbosch University, 5North West University,* |
| **102** | **P\_9075 Flood hazard at coastal regions: Change detection and dominant influencing factors identification** Qi Mao1, Jian Peng1, Yanglin Wang1 *1Peking University* |
| **103** | **P0033 Landscape Dynamics Typology Tool (LDTtool) – A new way to assess landscape dynamics**Rui Machado1, Sérgio Godinho1, Janez Pirnat2, Nuno Neves3,4, Pedro Santos4 *1ICAAM - Instituto de Ciências Agrárias e Ambientais Mediterrânicas; Universidade de Évora,2Biotechnical Faculty, Department for Forestry and Renewable Forest Resources, Universtity 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* |
| **104** | **P0138** |
| **105** | **P0206** **Time-series Change of Ecological Services at the Area of Complex Earthquake Disasters by Analysis using InVEST**Minghui Tang1, Naoko Fujita2 *1Kyushu University, 2University of Tsukuba*  |
|  | Symposium 43 |
| **106** | **P0004Sustainable landscape planning and development pattern based on Internet of Things**Shuanning Zheng1, Rencai Dong1b*1Institute of Urban Environment,Chinese Academy of Sciences* |
| **107** | **P0183 The Isar-Plan: Design of a socio-ecologically resilient waterscape through polycentrism and living labs**Juliette Genevieve Crescentia Martin1, Aude Zingraff-Hamed2, Gerd Lupp1, JoAnne Linneroth-Bayer1, Stephan Pauleit2 *1International Institute for Applied System Analysis (IIASA), Risk and Resilience Program, 2Technical University of Munich, Chair for Strategic Landscape Planning and Management* |
| **108** | **T0045 Shaping Human Behavior, Saving Forest Genetic Resources: The Case of Forest Landscape in the Philippines**Adriane Tobias |
| **109** | **T0333 Place attachment through interaction with urban green space: a cross-cultural study**Mahsa Bazrafshan1, Felix Kienast1 *1Swiss Federal Research Institute for Forest, Snow and Landscape Research/WSL, 8903 Birmensdorf, Switzerland* |
| **110** | **T0868 Territorial fragilities in Italy. Which role for the landscape design**Lavinia Maria Dondi |
| **111** | **T0576 Analysis of the perceived preference for different landscape features**Henry Ojobo |
|  | Symposium 45 |
| **112** | **P\_8178 Spreading patterns of breeding birds in the urban woods of Nagoya City, Japan**, Hiroshi Hashimoto1 1 |
|  | Symposium 46  |
| **113** | **P0121 Effects of colonisation on an Indigenous landscape in southeastern Australia** Aedeen Cremin1, Peter Bindon2 *1Australasian Society for Historical Archaeology, 2Australian Ethnographic Institute* |
| **114** | **T0684 Antica Trasversale Sicula’s project: an interdisciplinary approach for the reconstruction of the transhumance road system and the “victims of the Anthropocene”**Giuseppe Labisi |
|  | Symposium 47 |
| **115** | **T\_1002 Ecosystem Services Changes between 2000 and 2015 in the Loess Plateau, China**Dan Wu, Naifeng Lin |
| **116** | **T0351 Carbon Quantification in a Mining Forest towards Valuing Ecosystem Services**Elenita Racelis1, Diomedes Racelis2 *1TREES, College of Forestry and Natural Resources, University of the Philippines Los Banos, 2IRNR, College of Forestry and Natural Resources, University of the Philippines Los Banos* |
|  | Symposium 48 |
| **117** | **P0068 Soil moisture decline following the plantation of Robinia pseudoacacia forests: Evidence from the Loess Plateau**Haibin Liang1, Zongshan Li1 *1Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences* |
| **118** | **P0192 Socio-ecological perspective on prioritising semi-natural grassland restoration sites and actions: the experience of LIFE project GrassLIFE (Latvia)**Solvita Rūsiņa1, Ainārs Auniņš2, Andrejs Briedis3, Lauma Gustiņa1, Inga Račinska3, Baiba Strazdiņa3 *1Faculty of Geography and Earth Sciences, University of Latvia, 2Faculty of Biology, University of Latvia, 3Latvian Fund for Nature* |
|  | Symposium 50 |
| **119** | **T0450 Simulating ecosystem services re-distribution under ecosystem-services-based mitigation programs in a landscape subject to urban expansion**Francesco Accatino |
| **120** | **P\_0225 An Integrated Geographic Information System for the conservation of biodiversity on Mediterranean coastal dunes. The case of CALLIOPE (LIFE17-NAT\_IT\_000565)**Maria Laura Carranza1, Ludovico Frate1, Irene Prisco1, Flavio Marzialetti1, Angela Stansici1, Maria Carla Di Francesco1 *1University of Molise/ Dip BiT/ EnvixLab* |
| **121** | **P\_8189 Wetlands changes in the landscape of lowlands and uplands of the Czech Republic over the last 180 years.**Pavel Richter1, Tomáš Fojtík1, Jan Skaloš2 *1T. 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* |
| **122** | **P0096 Utilization of mangroves in Grand-Popo District, a hotspot of mangroves in Benin, West-Africa**Constant Gnansounou1, Mireille Toyi2, Valère Salako1, Oscar Ahossou2, Jean Didier Akpona1, Achille Assogbadjo2 *1Laboratoire de Biomathématiques et d’Estimations Forestières, 2Laboratory of Applied Ecology* |
| **123** | **P0100 Spatial and temporal transformation of radioactive contamination of agroecosystems during post-Chernobyl period**Valentin Yatsukhno1, Nikolai Tsybulko2 *1Belarusian State Untversity. Landscape Ecology Lab.,2Institute of Soil Science and Agrochemistry* |
| **124** | **P0118 On the distribution of soil C, N, P in the salination-affected plant communities of the Yellow River Delta, China**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* |
| **125** | **P0123 Demo-genetic modeling of the effect of forest fragmentation on plant population viability: parameterizing a HexSim model with 10 years of field data**Adam Hadley1, Madeleine Oman1, Matthew Betts2, Helene Wagner1*1University of Toronto**2Oregon State University* |
| **126** | **T0021 The effects of landscape pattern evolution in Liaohe estuary to changes on water quality**Jing Kang |
| **127** | **T0302A model study of terraced riverbeds as novel ecosystems**Hezi Yizhaq1, Moshe Shachak1, Ehud Meron1*1Ben Gurion University* |
|  | Symposium 51 |
| **128** | **P0112 Population mechanistic models allow the identification of priority areas for restoration in Mediterranean pine forest landscapes affected by different fire regimes**Susana Suárez-Seoane1, Jose Manuel Fernández-Guisuraga1, Víctor Fernández-García2, Angela Taboada2, Elena Marcos2, Leonor Calvo2 *1University of León,2Area of Ecology, Faculty of Biological and Environmental Sciences, 24071 León* |
| **129** | **P0199 Integrated Biodiversity Conservation and Carbon Sequestration in the Changing Environment (IBC-CARBON)**Anu Akujärvi1, Irina Bergström1, Martin Forsius1, Francesco Minunno2, Annikki Mäkelä2, Risto K. Heikkinen1 *1Finnish Environment Institute,2University of Helsinki* |
| **130** | **T0254 Fire driven changes in gallery forests communities in northern South America.**Dolors Armenteras1, Maria Constanza Meza Elizalde1, Tania Marisol Gonzalez Delgado1 *1Universidad Nacional de Colombia* |
|  | Symposium 52 |
| **131** | **P003 From urban sprawl to compact green cities – how much do we know, how much do we agree?**Martina Artmann |
|  | Symposium 53 |
| **132** | **P0047vLand Sharing Initiative for preservation of traditional cultural landscapes**Iztok Erjavec1, Klemen Risto Bizjak1*1Institute InTeRCeR - Institute for Sustanable Development and Holistic Solutions* |
| **133** | **P0101 Agroecology and policy instruments for sustainable multifunctional agricultural landscapes**Jeff Norville1, Floriane Colas2, Corentin Barbu3, Vincent Martinet1 *1INRA (Institut national de la recherche agronomique), UMR210 Economie Publique, 2UMR SADAPT, INRA, AgroParisTech, Université Paris-Saclay,**3INRA UMR211 Agronomie* |
| **134** | **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 Govigli3 *1Catholic University in Ruzomberok, 2CETIP Network s.r.o.,3European Forest Institute (EFIMED),4Slovak Academy of Sciences, Institute of Forest Ecology* |
|  | Symposium 55 |
| **135** | **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 Moysiyenko3, Barbara Sudnik-Wójcikowska1, Polina Dayneko3, Mats Widgren2 *1University of Warsaw, Faculty of Biology, 2Stockholm University, Department of Human Geography, 3Kherson State University, Department of Botany* |
| **136** | **P0162 Ecological Transformation in Institutional Landscapes: from Savannah Grassland to Urban Forest Ecosystem at JKUAT, Kenya**Caleb Toroitich1, Mugwima Njuguna1, Dennis Karanja1 *1Jomo Kenyatta University of Agriculture and Technology* |
| **137** | **P0194 Identifying drivers of agricultural marginality through remote sensing and statistical analysis**Davide Longato |
| **138** | **P0207 Assessing landscape perception differences of agricultural landscapes using Google Street View and panoramic photographs**Daria Sikorska1,2, Piotr Sikorski2, Jarosław Chormański2*1European Regional Centre for Ecohydrology of the Polish Academy Of Sciences, 2Warsaw University of Life Sciences - SGGW* |
| **139** | **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 Wlodarczyk-Marciniak1, Wojciech Fratczak2*1European Regional Centre for Ecohydrology PAS,2Urzad Marszalkowski w Lodzi* |
|  | Symposium 56 |
| **140** | **P0224 Risk evaluation for Brazilian Spotted Fever occurrence in the Metropolitan Region of São Paulo.**Claudia Araujo Scinachi1, Gabriela Takeda2, Luís Filipe Mucci2, Adriano Pinter2 *1Faculdade de Saúde Pública,2Superintendência de Controle de Endemias* |
| **141** | **T0931 Matrix type and patch size as drivers of avian-cross habitat spillover** Carolina Montealegre-Talero1, Andrea Larissa Boesing1, Jean Paul Metzger1 *1Department of Ecology, University of São Paulo* |
|  | Symposium 57 |
| **142** | **P0071Evaluation of Biodiversity and Ecosystem Services of Open Space for Green Infrastructure Planning**Shiori Takahashi1, Jun Nishihiro2 *1IDEA Consultants, Inc., 2Toho University* |
| **143** | **P0175 Evaluation of flood exposure risk using anticipated inundation area map and land use map in Japan.**Yota Imai |
|  | Symposium 58 |
| **144** | **P0110 Anthropocene concept of urban environment: integrative assessment of depletion and degradation of natural forest and biodiversity to the benefit of city landscape**Christian Toochi EGBUCHE |
| **145** | **P0117 Spectral indices for understanding green infrastructures – case study Bucharest Romania**Ana-Maria Popa1, Cristian Iojă2, Mihai Niță2, Gabriel Vânău2, Ionuț Șandric1*1Faculty of Geography, University of Bucharest, 2Centre for Environmental Research and Impact Studies, University of Bucharest* |
| **146** | **T0137 Methods for monitoring patterns of urbanisation: How suitable is Shannon’s entropy as a measure of urban sprawl?**Jochen Jaeger |
| **147** | **T0483 Sustainable Urban Transitions for Coastal Indian cities**Navara A |
|  | Symposium 59 |
| **148** | **P0169 Conceptual framework and uncertainty analysis for large-scale, species-agnostic models of landscape connectivity: the case study of Alberta, Canada**Ronan Marrec1, Hossam Abdel Moniem2, Majid Iravani3, Branko Hricko3, Jahan Kariyeva3, Helene Wagner1*1EDYSAN, UMR 7058 CNRS-UPJV, 2University of Toronto, 3Alberta Biodiversity Monitoring Institute, University of Alberta* |
| **149** | **P0180 A SWOT analysis of the ecosystem services at the local scale in specific protected area – Vlkolínec (Slovakia)**Eva Pauditšová1, Eva Pauditsova1, Maria Kozova2, Ingrid Krajnakova1 *1Faculty of Natural Sciences, Comenius University in Bratislava, Dept. of Landscape Ecology, 2Catholic University in Ruzomberok, Faculty of Education* |
| **150** | **P0188 Ecological network in spatial planning in the countries of the Carpathians**István Valánszki1, Krisztina Filep-Kovács1, László Kollányi1, Gabriella Nagy2, Klaudia Máté1, Ágnes Sallay1*1Szent István University, Faculty of Landscape Architecture and Urbanism, Department of Landscape Planning and Regional Development, 2CEEweb for Biodiversity* |
| **151** | **T\_9011 Stochastic geometry and graph-based modeling of agricultural landscapes: towards better understanding of population dynamics in biological control**Patrizia Zamberletti1, Julien Papaix1, Edith Gabriel2, Thomas Opitz1*1INRA, BioSP, 2Université Avignon* |
| **152** | **T0244 Mapping ecological connectivity in the European Alps**Rachel Luethi1, Rudolf Haller1, Irena Bertoncelj2, Yann Kohler3, Aleš Poljanec4, Franziska Pöpperl5 *1Swiss National Park, 2Agricultural Institute of Slovenia, 3ALPARC, 4Slovenia Forest Service, 5National Park Kalkalpen* |
| **153** | **T0505 Coming back home: recolonization of abandoned dens by crested porcupines and Eurasian badgers after wood-cutting and riparian vegetation mowing events**Emiliano Mori1, Giacomo Assandri2 *1Università degli Studi di Siena, 2Department of Earth and Environmental Sciences, University of Pavia* |
| **154** | **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 |
|  | Symposium 65 |
| **155** | **PXX99 Getting out in the field: learning through experience in an unfamiliar landscape**Annelies Van Caenegem1, Isabel Loupa Ramos2, Maria da Graça Saraiva2, Veerle Van Eetvelde1 1*Ghent University – Department of Geography, 2University of Lisbon - Instituto Superior Técnico Lisboa* |
| **156** | **P0084 From Rochester to Malmö: An international cross-institutional urban ecology course** Elizabeth Hane1, Karl Korfmacher1 *1Rochester Institute of Technology* |
| **157** | **P0134 Perceiving landscape as a special place through total immersive experiences.** Annastella Gambini1, Serena Ciulla1 *1UNIMIB* |
| **158** | **P0146 Landscapemetrics: introducing a new R tool to characterise landscapes** Maximillian Hesselbarth1, Marco Sciaini1, Jakub Nowosad2, Sebastian Hanss1 1 University of Gottingen; 2Adam Mickiewicz University  |
| **159** | **P0184 In search of Nature: Teaching ecosystem services concept into primary school** Martina Fava1, Claudia Canedoli2, Emilio Padoa-Schioppa2 *1Department of Human Sciences for Education University Milano Bicocca, 2Department of Earth and Environmental science, University of Milano-Bicocca* |
| **160** | **P0234 Mobartech: experiencing local heritage and cultural landscape in a Unesco site.**Franca Zuccoli1, Valeria Pecorelli1, Alessandra De Nicola1 *1University of Milano Bicocca* |
| **161** | **T0369 Supporting learning on the ecosystem services approach through role playing game simulation in secondary schools**Elena Gissi1, Mattias Gaglio2, Elisa Anna Fano2 *1Iuav University of Venice,2University of Ferrara* |
|  | Symposium 70 |
| **162** | **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 Rova1, Marco Anelli Monti1, Fabio Pranovi1 *1Environmental Sciences, Informatics and Statistics Dept., University Ca’ Foscari of Venice* |
| **163** | **P0165 Assessing the delivery of ecosystem services in a climate change context: using ecological reasonable indicators** Laura Basconi1 *1Ca' Foscari University* |
| **164** | **P0217 Landscape study of "Utrish" reserve marine area**Polina Makalova1 *1Lomonosov Moscow State University* |
|  | Symposium 71 |
| **165** | **P0149 Abundance of submerged aquatic vegetation and water quality as drivers of waterfowl distribution across an oligohaline bay and coastal wetland system**Carly Sibilia1, Lauren Mowbray2, Chad Boyce3, Jesus Aguirre Gutierrez1, Yadvinder Malhi1 *1University of Oxford School of Geography and the Environment, 2U.S. Fish and Wildlife Service, Back Bay National Wildlife Refuge, 3Virginia Department of Game and Inland Fisheries* |
| **166** | **T0721 Maintaining longleaf pine habitat for red-cockaded woodpeckers under climate change**Melissa Lucash1, Paul Pettus1, Robert Scheller2 *1Portland State University,2North Carolina State University* |
|  | Symposium 72 |
| **167** | **P0136 Landscape restoration based on ecosystem services and historical recollections after the Great East Japan Earthquake of 2011**Keitaru Hara |
| **168** | **P\_8220 Fluvial Morphotypes for Basin Planning**Alexander Palummo |
| **169** | **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 Agar1, Adrian Lazaro Lobo2, Carlos L. De Pablo1*1Departament of Biodiversity, ecology and evolution. Complutense University of Madrid, 2Mississippi State University* |
|  | Symposium 74 |
| **170** | **P0017 Let’s Democratize Drones! Using the Ryze Tello Drone as a Tool for Ecological Farm Design & Landscape Ecology Research**Jabez Joshua Flores1, Ara Kathleen Bagunu2 *1School of Environmental Science and Management, University of the Philippines Los Banos, 2Permaculture Research PH* |
| **171** | **P0026 Enhancing coping mechanisms to hydrometeorological hazards of Manamoc Island, Cuyo, Palawan, Philippines**Mylene Martinez1, Inocencio Jr. Buot2 *1University of the Philippines Los Banos, 2Institute of Biological Sciences, College of Arts and Sciences, University of the Philippines Los* |
| **172** | **P0040 Finding potentially suitable sites for restoring endangered lily (Lilium japonicum) in Ishima island, Tokushima, Japan**Yuichi Nada1, Naoki Iiyama2, Masako Watanabe2, Mahito Kamada1*1Department of Civil and Environmental Engineering, Graduate School of Advanced Technology and Science, Tokushima University, 2Research Center for Management of Disaster and Environment, Tokushima University* |
| **173** | **P0041 Local festival as a key for sustaining coastal pine forest of biocultural landscape**Fumika Asanami1, Mahito Kamada1 *1Department of Civil and Environmental Engineering, Graduate School of Advanced Technology and Science, Tokushima University* |
| **174** | **P0062 Threshold interactions in socio-ecological systems across spatial scales. Rural landscape development in Poland.**Renata Włodarczyk-Marciniak1, Kinga Krauze1, Piotr Frankiewicz2*1European Regional Centre for Ecohydrology of the Polish Academy of Sciences, 2Department of Applied Ecology, Faculty of Biology and Environmental Protection, University of Lodz* |
| **175** | **P0119 Ecological restoration of a quarry and spiritual landscapes in motion for a Buddhist monastery**Gianluigi Pirrera1, Carla Freccero2 *1A.I.P.I.N. (Associazione Italiana per l'Ingegneria Naturalistica), 2Associazione Sangha Onlus*  |
| **176** | **P0173 Ritual plant utilization in Balinese ceremonial facilities**Made Pradnyan Dana Natawiguna1, Furuya Katsunori2 *1Bogor Agricultural University, 2 Graduate School of Horticulture Chiba University* |
| **177** | **P0208 Evaluation of Bio-Cultural Landscape in Tsushima Island, Nagasaki, Japan**Hideki Kobayashi1, Naoko Fujita2 *1Kyushu University,2University of Tsukuba* |
| **178** | **T0486 Bio-cultural landscape values as perceived at community level – a case of disappearing steppe landscapes, southern Ukraine**Maria Zachwatowicz1, Brian Kuns2, Ivan Moysiyenko3, Mykola Homanyuk3, Polina Dayneko3, Mats Widgren2 *1University of Warsaw, Faculty of Biology, 2Stockholm University, Department of Human Geography, 3Kherson State University, Department of Botany* |
|  | Session Biodiversity Conservation |
| **179** | **T0931 Matrix type and patch size as drivers of avian-cross habitat spillover** Carolina Montealegre-Talero1, Andrea Larissa Boesing1, Jean Paul Metzger1 *1Department of Ecology, University of São Paulo* |
|  | Open Session Poster |
| **180** | **P\_0232 Identification of transport pathways and potential sources of PM2.5 in Panjin dring 2015**Fei Chen |
| **181** | **P\_0233 Evaluation the Role of Urban Green Spaces and Urban Open Spaces on decrease of Noise pollution: A landscape ecology approach**Maryam Hatami1, Abolfazl Jamali *1Abangah co.* |
| **182** | **P0021 The expressing efficiency of landscape indices on mangrove heath status monitoring in Coastal mangrove wetlands**Fang Li1 *1National Marine Environment Monitoring Center* |
| **183** | **P0056 Noise level and water availability drive resident and migratory bird species richness within a Brazilian megacity**Karlla Vanessa de Camargo Barbosa1, Amanda D. Rodewald2, Milton Cezar Ribeiro3, Alex E. Jahn4 *1Universidade Estadual Paulista, 2Cornell Lab of Ornithology and Department of Natural Resources, Cornell University, 3Departamento de Ecologia, Laboratório de Ecologia Espacial e Conservação (LEEC), Rio Claro, 4Environmental Resilience Institute, Indiana University* |
| **184** | **P0067 Conceptual patterns of movement by birds between habitat patches in forest landscape**Ryoko Hirata1, Satoshi Ito1, Yasushi Mitsuda1 *1University of Miyazaki* |
| **185** | **P0078 A comprehensive assessment of the aesthetic quality of urban riparian landscapes**Na Zhang1, Xin Wang1, Xiaorou Zheng1 *1University of Chinese Academy of Sciences* |
| **186** | **P0131 Effect of variation in habitat selection and gut passage time on seed dispersal in a fragmented landscape in Costa Rica**Luis Antonio Arias Medellín1, Adam Hadley1, Sarah Frey2, Matthew Betts2, Helene Wagner1*1University of Toronto Mississauga, 2Oregon State University* |
| **187** | **P0141 Designing ecological networks using focal species: area-limited vs dispersal-limited species**Olivia Dondina1, Valerio Orioli1, Luciano Bani1 *1University of Milano-Bicocca* |
| **188** | **P0143 Effects of unplanned occupation and Brazilian legislation on Atlantic Forest conservation in an urban matrix** Elisa Hardt1, Thais Martins Issii1, Amanda Caetano Romero1, Erico Fernando Lopes Pereira-Silva2 *1Federal University of São Paulo – UNIFESP Department of Environmental Sciences,2University of São Paulo – USP Department of Ecology* |
| **189** | **P0148 Characterizing patterns and drivers of seasonal elevational movement of birds using citizen science data**Mao-Ning Tuanmu1, Chie-Jen Ko2, Ya-Jung Lu1, Chia Hsieh1, Pei-Yu Tsai1 *1Biodiversity Research Center, Academia Sinica, 2Endemic Species Research Institute* |
| **190** | **P0164 Improving water retention in urban setting by ecohydrological segmentation: case study from Czechia**Pavel Raška1, Martin Dolejš1 *1Department of Geography, Faculty of Science, J. E. Purkyně in Ústí nad Labem, Czech Republic* |
| **191** | **P0172 Does grizzly bear habitat quality reflect biodiversity and the provision of ecosystem services in western Canada?**Majid Iravani1, Jerome Cranston1, Amy Nixon1, Tom Habib1, Carrie Selin1 *1Alberta Biodiversity Monitoring Institute, University of Alberta, Canada* |
| **192** | **P0176 The rural landscape of "Val di Non" (Trentino - Northern Italy): storytelling, images and design of places** Michele Odorizzi1 *1University of Trento***P0186 Tourism Village as One Effort of Community-based Environmental Conservation Education**Ray March Syahadat1, Ismail Saleh2, Priambudi Trie Putra1, Cici Nurfatimah1, Rina DwicaDesyana3 *1Department of Landscape Architecture, National Institute of Science and Technology, 2Department of Agrotechnology Department, Swadaya Gunung Jati University, 3Indonesian Society of Landscape Architects* |
| **193** | **P0223 Effect of landscape configuration on the community structure of waterbird in a conservation gradient of western south coast of Cuba**Susana Aguilar1, Lourdes Mugica2, Martin Acosta2, Karen Aguilar3, Rodolfo Castro4, Lilian Tonelli1 *1Universidade Federal do Paraná, Setor de Ciências Biológicas, 2Havana University, Faculty of Biology, 3Havana University, Faculty of Geography, 4National Institute of Agricultural Sciences* |
| **194** | **P\_8185 Within-community beta-diversity of breeding birds driven by environmental factors** Chia Hsieh1 1*Biodiversity Research Center, Academia Sinica, Taiwan*  |
| **195** | **P0177 Relationship between historical land use and the current state of soils in agrosilvopastoral systems in Southwest Spain** JuditRubio-Delgado1, Schnabel Susanne2, Alvaro Gomez-Gutierrez2, 1*INDEHESA, Forest Research group, University of Estremadura, 2INTERRA,, Geoenviromental Research Group, University of Estremadura* |
| **196** | **P0205 Cultural ecosystem services in an urban park: the case of Parco Nord (Milan) in integrating scientific research with management**Claudia Canedoli1, Luca Mazzini1, Emilio Padoa-Schioppa1 *1Department of Earth and Environmental sciences, University of Milano-Bicocca* |