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CULTURALI



MINISTERO DELLE POLITICHE AGRICOLE  
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*1st European Conference for the Implementation of the UNESCO-SCBD Joint  
Programme on Biological and Cultural Diversity*

## Linking Biological and Cultural Diversity in Europe

*8-11 April 2014, Florence, Italy*  
Istituto degli Innocenti/Palazzo Budini

## Conference Programme

**Conference Secretariat:**  
Laboratory for Landscape and Cultural Heritage  
Department of Agricultural Food and Forestry Systems (GESAAF)  
University of Florence  
Via San Bonaventura 13, 50145 Florence, Italy  
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### Patronages



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GIAHS  
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## Tuesday 8 April

### 8.30-09.30 Registration – Istituto degli Innocenti

### 9.30-13.00 Opening Session

**Prof. Mauro Agnoletti** - Chair, Conference Steering Committee

**Prof. Marco Bellandi** – Vice Rector, University of Florence

**Mr. Gianni Salvadori** - Head, Department Agriculture and Forestry, Regional Government of Tuscany

**Mrs. Ilaria Borletti Buitoni** – Ministry of Cultural Heritage and Activities and Tourism

**Mrs. Ana Persic** - UNESCO

**Mr. John Scott** - Convention on Biological Diversity

**Mr. Aldo Longo** - DG-Agriculture, European Commission, Brussels

**Dr. Maguelonne Dejeant Pons** - Council of Europe, European Landscape Convention,

**Prof. Monica Luengo** - ICOMOS Scientific Committee

### 13.00-14.30 Lunch – Istituto degli Innocenti

## SCIENTIFIC MEETING

### Session 1 (Istituto degli Innocenti) - Methods and management strategies

Chair	<b>I. Sarlöv-Herlin</b> Department of Landscape, Architecture, Planning and Management, SLU, Sweden
14.30-14.45	<b>M. Šantrůčková</b> - Silva Tarouca Res. Inst. for Landscape and Ornamental Gardening, Czech Republic Designed landscapes: areas of outstanding cultural and natural value
14.45-15.00	<b>A. Santoro</b> - University of Florence, Italy Historical landscapes and biocultural diversity: the case of Italy
15.00-15.15	<b>D. Edwards</b> - Forest Research, UK Does the Conservation Status of a Caledonian Forest also Indicate Cultural Ecosystem Value?
15.15-15.30	<b>M.A. Signorini</b> - University of Florence, Italy Plant toponyms as a tool in investigating possible links between cultural and biological diversity. The case of Tuscany
15.30-16.00	<b>Discussion</b>
<b>16.00-16.30</b>	<b>Coffee break</b>
16.30-16.45	<b>R. Dossche</b> - University of Genoa; Ghent University

	A Comparative Temporal and Spatial Examination of Apiculture in the Northwest Italian Apennines
16.45-17.00	<b>G. Andlar</b> - University of Zagreb, Croatia Register of rural landscapes of the littoral Croatia – contribution to Mediterranean bio-cultural diversity research
17.00-17.15	<b>T. Batista</b> - University of Évora, Portugal Guidelines for the integration of biological and cultural values in a Landscape Interpretation Center: application in southern Portugal
17.15-17.30	<b>J. Marull</b> - Autonomous University of Barcelona, Spain Exploring the ‘intermediate disturbance hypothesis’: Could cultural landscapes increase environmental resilience?
17.30-18.00	<b>Discussion</b>

## Session 2 (Palazzo Budini) - Historical patterns of natural and cultural landscapes

Chair	<b>E. Johann</b> Austrian Forest Society, Austria
14.30-14.45	<b>J. Kale</b> - University of Zadar, Croatia Landscape and historical context for agrogenetic diversity of Lun olive trees at the Pag Island, Croatia
14.45-15.00	<b>C. Montiel-Molina</b> - University Complutense of Madrid, Spain Historical fire regimes and rural landscape dynamics in Sistema Central Mountain Ranges (Spain)
15.00-15.15	<b>G. Haidvogel / D. Pont</b> - Univ. of Natural Resources and Life Sciences, Austria / IRSTEA, France Historical change of aquatic biodiversity within European rivers: a constant interaction between cultural influences and natural factors
15.15-15.30	<b>D. Niles</b> - Research Institute for Humanity and Nature, Japan Biocultural perspectives on Japanese landscape histories and futures
15.30-16.00	<b>Discussion</b>
<b>16.00-16.30</b>	<b>Coffee break</b>
16.30-16.45	<b>P. Tomson</b> - Estonian University of Life Sciences, Estonia Historical development of slash and burn forest patterns in South Estonia
16.45-17.00	<b>R. Cevasco</b> - Università Piemonte Orientale, Italy Biodiversification processes: the cultural systems of Turkey oak in the Northern Apennines (16th- 20th c. A.D.)
17.00-17.15	<b>J. Neumann</b> - University of Reading, UK The effect of historic and contemporary land-use decisions on carabid beetles in the lowland agricultural matrix of southern Britain
17.15-17.30	<b>M. Bobrovskiy</b> – Inst. of Physico-Chemical and Biological Problems in Soil Science, Russia Abandoned agricultural lands as a means of studying the historical development of biodiversity patterns in the center of European Russia
17.30-18.00	<b>Discussion</b>

**19.00-20.00 Welcome Cocktail – Palazzo Budini**  
 wine drink offered by the Lamole Farm - Italian historical landscape

## Wednesday 9 April

### Scientific Parallel sessions

#### Session 3 (Istituto degli Innocenti) - Methods and management strategies

Chair	<b>M. Bürgi</b> Research Unit Landscape Dynamics, Swiss Federal Research Institute WSL, Switzerland
9.30-9.45	<b>G. Gugić</b> - Lonjsko Polje Nature Park Public Service, Croatia The twelve principles of managing dynamic natural, cultural and historical landscapes – advanced conservation approaches in Lonjsko Polje Nature Park
9.45-10.00	<b>M. Tredici</b> – University of Florence, Italy The restoration of biocultural diversity in historical rural landscapes: the case of the wood of Saint Antonio (Majella Park, Abruzzo) and Punta Mesco (Cinque Terre Park, Liguria)
10.00-10.15	<b>F. Frascaroli</b> - University of Zurich, Switzerland Conserving biocultural diversity at sacred sites: a European perspective
10.15-10.30	<b>M. Smith</b> - Forest Research, UK A GIS based methodology for assessing the relationship between bio and cultural diversity using remote and ground based assessments
10.30-11.00	<b>Discussion</b>
<b>11.00-11.30</b>	<b>Coffee break</b>
11.30-11.45	<b>S. Di Leonardo</b> - National Research Council, Italy Chestnut management practice as tool for natural and cultural landscaping
11.45-12.00	<b>J. Sindik</b> - Institute for Anthropological Research, Croatia Classical multivariate statistical methods in the assessment changes in biological, cultural and bio-cultural diversity
12.00-12.15	<b>F. Camilli</b> - National Research Council, Italy The Garfagnana Model: exploitation of agricultural and cultural biodiversity for sustainable local development
12.15-12.30	<b>A. Chiarucci</b> - University of Siena, Italy Nature and man as drivers of high plant diversity in a cultural landscape
12.30-13.00	<b>Discussion</b>

#### Session 4 (Palazzo Budini) - Management strategies, agreements ad projects

Chair	<b>B. Pedroli</b> UNISCAPE / Wageningen University, Netherlands
9.30-9.45	<b>S. Gormus</b> - Bartın University, Turkey A methodology for reducing of conservation conflicts: landscape character analysis
9.45-10.00	<b>E. Salizzoni</b> - Politecnico di Torino, Italy Protected Landscapes as major actors for the conservation of biological and cultural diversity along the Euro-Mediterranean coastal areas
10.00-10.15	<b>L. Östlund</b> - Umeå university, Sweden Using northern natural forests to understand historical cultural landscapes
10.15-10.30	<b>J. Hernik</b> - University of Agriculture in Kraków, Poland

	The Integration of Modern and Traditional Agriculture and Forest Management Practices in the Cultural Landscapes of Małopolska, Southern Poland
10.30-11.00	<b>Discussion</b>
<b>11.00-11.30</b>	<b>Coffee break</b>
11.30-11.45	<b>N. Maughan</b> - Aix-Marseilles University, France Ecological continuity under The European Water Framework Directive: stream biodiversity against cultural legacy of watermills?
11.45-12.00	<b>L. Ponti</b> – ENEA, Italy Preserving the Mediterranean diet through holistic strategies for the conservation of traditional farming systems
12.00-12.15	<b>B.M. Seardo</b> - Politecnico di Torino, Italy Convention on Biological Diversity and European Landscape Convention: an alliance for bio-cultural diversity?
12.15-12.30	<b>P. Jacobs</b> - University of Natural Resources and Life Sciences, Austria Autochthone features of open spaces in South East Europe
12.30-13.00	<b>Discussion</b>

### 13.00-14.30 Lunch – Istituto degli Innocenti

#### Scientific Parallel sessions

#### Session 5 (Istituto degli Innocenti) - Traditional practices

Chair	<b>D. Moreno</b> Laboratorio di Archeologia e Storia Ambientale, DAFIST-DISTAV, University of Genoa, Italy
14.30-14.45	<b>M. Smid Hribar</b> - Slovenian Academy of Sciences and Arts, Slovenia The Nexus Between Landscape Structures and Traditional Practices for Cultural Landscape Management
14.45-15.00	<b>V. Tigrino</b> - Università del Piemonte Orientale, Italy Ligurian forests: sustainable management of a common good between heritage and biodiversity
15.00-15.15	<b>K. Stara</b> - University of Ioannina, Greece Religion and the management of the commons. The sacred forests of Epirus
15.15-15.30	<b>M. Slámová</b> - Technical University in Zvolen, Slovakia Traditional agricultural practices, land cover diversity and biodiversity in the Southern Podpoľanie region
15.30-16.00	<b>Discussion</b>
<b>16.00-16.30</b>	<b>Coffee break</b>
16.30-16.45	<b>J. Krcmarova</b> - Charles University in Prague, Czech Republic Traditional agriculture as cultural heritage. Forgotten agroforestry practices recorded in textual part of 19th century tax records
16.45-17.00	<b>J. Gault</b> - Ministère français de l'agriculture, France Ingenious agricultural heritage in cold oases connected to collective grazing areas (Haut

	Atlas, Maroc)
17.00-17.15	<b>J. Spulerova</b> - Slovak Academy of Sciences, Slovakia Diversity of traditional mountain agricultural landscape on the example from Slovakia
17.15-17.30	<b>D. Babai</b> - Hungarian Academy of Sciences, Hungary Use of hayseeds on species-rich hay meadows in a Csángó community in Gyimes (Eastern Carpathians, Romania)
17.30-18.00	<b>Discussion</b>

### Session 6 (Palazzo Budini) - Historical patterns of natural and cultural landscapes

Chair	<b>L. Östlund</b> Department of Forest Ecology and Management, Umeå University, Sweden
14.30-14.45	<b>G. Barbera</b> - University of Palermo The Halaesa landscape (III B.C.): the origin of the traditional polycultural Mediterranean landscape
14.45-15.00	<b>G. Baiamonte</b> - Arcadia University, USA Agricultural landscapes and biodiversity conservation: Sicily (Italy) as a case study
15.00-15.15	<b>M. González de Molina</b> - Universidad Pablo de Olavide, Spain Long Term Socio-ecological Transition of Olive Grove Landscapes. Case studies from Southern Spain (c. XVIII-XX)
15.15-15.30	<b>Z. Molnár</b> - MTA Centre for Ecological Research, Hungary Studying traditional ecological knowledge in Eastern-Europe: steppe habitat diversity and herding practice diversity as an example
15.30-16.00	<b>Discussion</b>
<b>16.00-16.30</b>	<b>Coffee break</b>
16.30-16.45	<b>G. Twiston-Davies</b> - University of Reading, UK Restoring the Stonehenge Landscape: landscape scale species-rich grassland recreation at a UNESCO World Heritage Site
16.45-17.00	<b>K. Baťová</b> - Constantine the Philosopher University in Nitra, Slovakia The landscape structure of the countryside settlement in the restricted area of Krupina
17.00-17.15	<b>B. Şat Güngör</b> - Ozyegin University, Turkey The Endemic culture of Turkmen People Integrated with Ida Mountain in Kazdagi National Park
17.15-17.30	<b>G. Djurdjevich</b> - Independent researcher, Croatia Natural or cultural: religious landscape in medieval Slavonia
17.30-18.00	<b>Discussion</b>

**20.00-23.00 Buffet Dinner – Palazzo Budini**

## Thursday 10 April

### Scientific Parallel sessions

#### Session 7 (Istituto degli Innocenti) - Linkages between cultural and biological diversity

Chair	<b>A. Persic</b> UNESCO, USA
9.30-9.45	<b>J.J. Boersema</b> - Leiden University, Netherlands Could rewilding of Europe be seen as Progress?
9.45-10.00	<b>O. Ivan</b> - Francisc I. Rainer Anthropology Institute of the Romanian Academy, Romania From UNESCO Headquarters, down to Eastern European Wetlands: a call for a new, bottom-up, integrated strategy in the Danube Delta
10.00-10.15	<b>S. Fineschi</b> - National Research Council, Italy Domestication and exploitation of plant species following human migrations
10.15-10.30	<b>V. Wyllie de Echeverria</b> - University of Oxford, UK Linking interactions between cultural and biological diversity on the Pacific Coast of North America in the face of climatic change
10.30-11.00	<b>Discussion</b>
<b>11.00-11.30</b>	<b>Coffee break</b>
11.30-11.45	<b>J. Ceballos</b> - International Association for Falconry and Conservation of Birds of Prey, Spain Falconry's Heritage; pioneer in both the sustainable use of natural resources and the conservation of biodiversity
11.45-12.00	<b>A. Schmidt-Wiegand</b> - Berlin University of Technology, Germany Biological meets cultural diversity - Ethnic garden traditions in South East Europe
12.00-12.15	<b>M.M. Calandrelli</b> - National Research Council, Italy Agricultural and forest management related to bio-cultural diversity
12.15-12.30	
12.30-13.00	<b>Discussion</b>

#### Session 8 (Palazzo Budini) - Linkages between cultural and biological diversity

Chair	<b>P. Misikova</b> Ministry of Agriculture, Environment and Regional Development, Slovakia
9.30-9.45	<b>B. Bożetka</b> - Gdańsk University, Poland Connections between natural and cultural diversity in the landscape of the Vistula Gorge and Nałęczów Plateau, eastern Poland
9.45-10.00	<b>M. Bürgi</b> - Swiss Federal Research Institute WSL, Switzerland Land use intensity is the missing link between actors and biodiversity – conceptual considerations and empirical examples
10.00-10.15	<b>I. Rotherham</b> - Sheffield Hallam University, UK Eco-Cultural Landscapes & Biodiversity - an emerging paradigm
10.15-10.30	<b>J. Chmielecki</b> - Eberswalde University for Sustainable Development, Germany Dry grasslands of the Northern Oder Valley: Recent ecological state and biodiversity
10.30-11.00	<b>Discussion</b>
<b>11.00-11.30</b>	<b>Coffee break</b>

11.30-11.45	<b>B. Elands</b> - Wageningen University, Netherlands Biocultural diversity in Europe: connecting people to nature in an urban context
11.45-12.00	<b>A. Cavallo</b> - University of Molise, Italy Resilient rural landscapes in the face of changes: the coevolutionary approach to understand the links between communities and environmental characters
12.00-12.15	<b>T. Knight</b> - University of Kent, UK Rewilding the French Pyrenean landscape: Can cultural and biological diversity successfully coexist?
12.15-12.30	<b>P. Dominguez</b> - Kent University, UK / Barcelona University, Spain The decline of the commons and of the bio-cultural diversity associated to them. A comparative study of two Mediterranean mountain ICCA's.
12.30-13.00	<b>Discussion</b>

**13.00-14.30 Lunch – Istituto degli Innocenti**

**EXPERT MEETING**

**14.30-16.00 Expert Meeting Session 1 – Introduction and Background (Palazzo Budini)**

Chair	John Scott SCBD, Canada
14.30-14.35	Welcome and opening by the Chair
14.35-14.50	Keynote presentation – Mauro Agnoletti
14.50-15.05	Introduction to the UNESCO-SCBD Joint Programme on the Links between Biological and Cultural Diversity – Ana Persic/John Scott
15.05-15.10	Objectives of the meeting and organizational matters - Pavlina Misikova
15.10-16.00	Key Messages from the chairs of the scientific sessions

**16.00-16.30 Coffee break**

**16.30-18.30 Expert Meeting Session 2 – Links between Biological and Cultural Diversity in the European Context (Palazzo Budini)**

Chair	Group members
16.30-18.30	Three parallel breakout group discussions around the following set of questions: 1. Identify the links between biological and cultural diversity that exist in Europe 2. Identify cultural values in the territory/landscapes defining their significance, integrity, and vulnerability 3. What is the relationship between landscapes and the interlinked diversity? 4. What is specific about the interdependence between biological and cultural diversity in Europe?

**19.00-23.00 Gala Dinner (Palazzo Budini)**



## Friday 11 April

### 8.30-13.00 Field Trip for the speakers of the scientific sessions

#### 8.30-9.00 Expert Meeting Report form the working group discussions (Palazzo Budini)

Chair: Ana Persic, UNESCO, USA

#### 9.00-11.00 Expert Meeting Session 3 – Relevant Policy Areas and Existing Legal Instruments in Europe (Palazzo Budini)

Chair	Group members
9.00-11.00	<ol style="list-style-type: none"><li>1. Which existing European policies and instruments would benefit from integration of the links between biological and cultural diversity? How could the following take into account the linkages between biological and cultural diversity?<ol style="list-style-type: none"><li>i. Environmental directives</li><li>ii. Rural development directives</li><li>iii. Cultural heritage directives</li><li>iv. Nature conservation and management and protected areas</li><li>v. Other?</li></ol></li><li>2. What synergies already exist between instruments and policies that deal with biological and cultural diversity separately?</li></ol>

### 11:00-11:30 Coffee break

#### 11.30-12.00 Expert Meeting Report form the breakout groups (Palazzo Budini)

Chair: John Scott, SCBD, Canada

#### 12.00-13.30 Expert Meeting Session 4 – Way Forward: Mainstreaming the links between biological and cultural diversity on regional, national and local levels (Palazzo Budini)

Chair	Group members
12.00-13.30	<ol style="list-style-type: none"><li>1. At the regional level, how to include the interlinkages between biological and cultural diversity in the conservation and valorisation of natural and cultural heritage</li><li>2. At the national and local levels, how to include the interlinkages between biological and cultural diversity in the sustainable development models in view of promoting the quality of life in rural and urban areas.</li></ol>

**13.30-15.00 Lunch (Istituto degli Innocenti)**

**15.00-16.00 Expert Meeting Session 5 – Recommendations (Istituto degli Innocenti)**

Chair	<b>P. Misikova</b> Ministry of Agriculture, Environment and Regional Development, Slovakia
15.00-16.00	Agreement on key recommendations from the workshop

**16.00-16.30 Coffee break**

**16.30-18.00 Closing Plenary (Istituto degli Innocenti)**

Chair	<b>M. Agnoletti</b> University of Florence, Italy
16.30-16.35	Welcoming remarks by the Chair
16.35-17.00	Presentation of the key recommendations from the policy workshop
17.00-17.30	Discussion
17.30-18.00	Closing remarks – UNESCO – CBD – Ministry of Agriculture - ICOMOS

## **List of Experts attending the Expert Meeting**

Mauro Agnoletti

Laboratory for Landscape and Cultural Heritage, Dept. GESAAF, University of Florence, Italy.

Tim Badman

International Union for Conservation of Nature (IUCN).

Peter Bridgewater

UK Joint Nature Conservation Committee, UK.

Matthias Bürgi

Research Unit Landscape Dynamics, Swiss Federal Research Institute WSL, Birmensdorf, Switzerland.

Guillén Calvo

Diversidad y Desarrollo, Morocco-Spain.

Emily Caruso

Global Diversity Foundation & International Society of Ethnobiology, UK.

Mery Ciacci

European University Institute, Florence, Italy.

Antonella Cordone

International Fund for Agricultural Development IFAD, Italy.

Marta Dobrovodska

Institute of Landscape Ecology SAS, Slovakia.

Masahito Enomoto

FAO-GIAHS, Rome, Italy.

Veronika Filkó

Hungarian Open Air Museum, Szentendre, Hungary.

Antonio Frattarelli

Ministry of Agricultural, Food and Forestry Policies, Rome, Italy.

Dirk Gotzmann

CIVILSCAPE

Inge Gotzmann

German forum for cultural landscapes, Bund Heimat und Umwelt, Germany.

Henrik Jansson

Metsähallitus Forestry Land and Protected Areas, Finland.

Elisabeth Johann

IUFRO Research Group Forest History and Traditional Knowledge, Austria.

Parviz Koohafkan  
Biodiversity International, Italy.

Pietro Laureano  
IPOGEA, Italy.

Davide Liberati  
Ministry of Agricultural, Food and Forestry Policies, Rome, Italy.

Mónica Luengo Añón  
ICOMOS, Paris.

Pernilla Malmer  
Stockholm Resilience Centre, Stockholm, Sweden.

Gary Martin  
Global Diversity Foundation & International Society of Ethnobiology, UK.

Roberto Mercurio  
Italian Society of Forest Restoration, Italy.

Pavína Mišíková  
Ministry of Environment, Slovakia.

Diego Moreno  
University of Genoa, Italy.

Eleonora Musco  
UNEP Vienna Interim Secretariat of the Carpathian Convention ISCC, Austria.

Lars Östlund  
Dept. of Forest Ecology and Management, Swedish University of Agricultural Sciences, Umeå, Sweden.

Bas Pedroli  
UNISCAPE. European Network of Universities for the Implementation of the European Landscape Convention.

Ana Persic  
UNESCO, New York, USA.

Pier Luigi Petrillo  
Unitelma Sapienza, Università di Roma, Rome, Italy.

Costanza Pratesi  
Italian Trust for the Environment (FAI), Milan, Italy.

Gloria Pungetti  
University of Cambridge, UK.

Marcel André Robischon  
Humboldt University Berlin, Berlin, Germany.  
Suzanne Romaine

University of Oxford, UK.

Jennifer Rubis  
UNESCO, Paris, France.

Ingrid Sarlöv-Herlin  
Dept. of Landscape Architecture Planning and Management, Swedish University of Agricultural Sciences,  
Alnarp, Sweden.

John Scott  
Convention on Biological Diversity CBD.

Elsa Stamatopoulou  
Columbia University, USA.

Krystyna Swiderska  
International Institute for Environment and Development (IIED), UK.

Maria Walcher  
Austrian Commission for UNESCO, Austria.

Christoph Wildburger  
IUFRO, International Union of Forest Research Organizations, Austria.

## Poster Session – Istituto degli Innocenti

**A. Andreotti, M. Andreoni, R. J. Lopes**

Mutual interactions between wild species and humans: the emblematic case of the Purple Swamp-hen *Porphyrio porphyrio* in the ancient world

**M. de la Luz Ayala, E.R. Huerta Jiménez**

Native and introduced flora and fauna in colonial Mexico. The San Miguel de Sahuaripa Geographical Description, 1776.

**F. Fagnani, A. Bartolini, A. Malvolti**

Biodiversity and traditional activities in the Fucecchio Marshes: a plan to recover marsh grass and hemp growing

**C. Foster, G.J. Holloway**

Assessing the utility of patches of flowering Apiaceae as sampling tools for biodiversity within culturally modified landscapes

**J. Hresko, F. Petrovic, V. Vanková, K. Batová, R. Misovičová, P. Petlus**

Mountain Landscape Archetypes of the Western Carpathians – Slovakia

**R. Kelemen**

Are cultural values linked to genetics?

**G. Ladisa, G. Calabrese, L. Pettiti, N. Tartaglini, E.V. Perrino, G. Mimiola**

Participatory approaches in conservation and enhancement of biodiversity in Mediterranean landscape of Ancient Olive Groves: from perception to governance

**J. Lehtinen, M. Sihvonen, J. Kumpulainen**

Linking the conservation of meadow and forest species in Rekijoki Natura reserve, Southwest Finland

**A. Libert Amico**

How European decision-making configures sustainable landscape management in bio-cultural diversity hotspots in Mexico

**F. Mauelshagen**

The Eco-History of Cultural Diversity: A Deep-Time Perspective

**N. Meishar**

Obstacles to Urban Biodiversity: the Exclusion of Sephardi Jews' Preferred Species from Open Public and Private Domains in Tel Aviv

**K. Nonaka, I. Kawada, N. Kaneko, Y. Shiraishi, T. Ishii, Y. Tamura, Y. Iwahori, H. Suga, K. Hashimoto, Y. Nakamura**

Citizen participatory management on conservation and creation of biological diversity environment in periphery of urban area

**C. Rosa-Jiménez**

Agrarian Landscapes of Water: protecting the territorial water architecture as cultural and environmental axis in Guadalhorce Valley (Málaga, Spain)

**R. Scotti, A. Halim**

Nuoro goat breeders local knowledge: the cultural heritage of an approach to natural resources exploitation based on biological diversity

**C. Vagnetti**

Ethics of care in Sardinia's Agroforestry livestock management: Digital technology approaches for understanding biocultural diversity in narratives and images

**V. Vanková, P. Petluš, J. Hresko**

Representative forms of traditional agricultural land use of Slovakia

**K. F. Wiersum**

Development of ecological corridor or biocultural heritage conservation: the example of the Renkumse Poort in the Netherlands