# Conference program

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## Registration

**Sunday 05.02**

17:00 – 19:00

**Monday**

08:30 – 09:00
Monday 06.02

**Plenary Session, Part 1**

Moderator: Stoyan Nedkov

9:30–09:55

**Keynote 1:** Benjamin Burkhard

*Integrated mapping and assessment of ecosystems and their services*

09:55–10:20

**Keynote 2:** Fernando Santos-Martín

*Mapping of ecosystem services in national assessments: the challenges of their implementation into MAES*

10:20–10:45

**Keynote 3:** Jari Niemelä University of Helsinki

*Urban ecology, ecosystem services and biocultural diversity*

10:45–11:00

Panel Discussion

Tuesday 07.02

**Plenary Session, Part 2**

Moderator: Svetla Bratanova-Doncheva

9:30–09:55

**Keynote 4:** Joachim Maes

*Mapping and Assessment of Ecosystems and their Services (MAES): Highlights and uncertainties of a science-policy interface on biodiversity and ecosystem services*

09:55–10:20

**Keynote 5:** Rayka Hauser European Commission, DG Environment

Policy needs for the mapping and assessment of ecosystems and their services

10:20–10:45

**Keynote 6:** Maria Nijnik, The James Hutton Institute, UK

*Valuation of ecosystem services: a decision support means or Pandora’s box for policy-makers?*

10:45–11:00

Panel discussion
Tuesday 07.02

Plenary Session, Part 3 Closing remarks
Moderator: Svetla Bratanova-Doncheva

16:00 – 16:25 Reports from parallel sessions
16:25 – 16:35 Reports from networking session and the workshop
16:35 – 16:50 Final discussion
16:50 – 17:00 Closing

Parallel Sessions

Session 1: Mapping of ecosystems and general assessment frameworks

Monday 06.02.2016 11:30-15:40

Moderators: Miglena Zhiyanski; Karsten Grunewald

11:50 – 12:10 Framework for assessment of urban ecosystems state and supply of ecosystem services at different scales – Miglena Zhyianski, Stoyan Nedkov, Svetla Doncheva, Maria Glushkova
12:10 – 12:30 Assessment and mapping of forest ecosystems, their condition and the condition of the provided ecosystem services - Krasimir Kamenov, Rosica Horozova, Lyubcho Trichkov, Georgi Tinchev, Vasko Raychinov, Georgi Gogushev

13:00 - 14:00 Lunch
14:00 – 14:20 Assessment of sparsely vegetated land ecosystems and their services in East Rhodope Mts (Bulgaria) - Svetlana Bancheva, Vladimir Vladimirov, Petar Dimov, Malina Delcheva, Toshko Lyubomirov

14:20 – 14:40 Mapping of marine ecosystem types and their services in the Bulgarian Black Sea region. Evaluation of current condition – Ventsislav Karamfilov, Dimitar Berov

14:40 – 15:00 Implementation of ecosystem service indicators in Germany – Karsten Grunewald, Ralf-Uwe Syrbe, Benjamin Richter


15:20 - 15:40 Biodiversity and ecosystem services in the Nordic coastal regions – Cecilia Lindblad et al.

15:40 - 16:00 Ecosystem Services as an alternative tool of integrated environmental policy - Nefta-Elefteria, Votsi Pantis John, Tsiafouli Maria

**Tuesday 07.02.2016 11:30-13:00**

11:30 – 11:50 Habitat mapping for assessment the habitat services in the Czech Republic – Pavel Cudlin. Ondrej Cudlin, Lenka Sterbova, Jan Purkyt, Vilem Pechanec

11:50 – 12:10 Formal Specification of Ecosystem Services and their Assessment – Alexandre Chikalanov, Mariyana Lyubenova

12:10 – 12:30 Priority habitats’ evaluation under the perspective of the ecosystem services’ concept: mapping and assessment of the “Species-rich Nardus grasslands” and its services in the mountains of Peloponnisos (Southern Greece) – Ioannis Kokkoris, Zotos A. Dimopoulos P

12:30 – 12:50 Ecosystem services in Norway with some examples from pilot studies - Oddvar Skre
Session 2: Assessment of ecosystem's condition

Moderators: Galya Petrova; Eleni Abraham

Monday 06.02.2016  11:30-15:40

11:30 – 11:50 How to assess grassland ecosystems’ condition – first comprehensive methodology for Bulgaria - Desislava Sopotlieva N. Velev, I. Apostolova, V. Vassilev, N. Tsvetkova

11:50 – 12:10 The importance of genetic diversity as an indicator of ecosystem condition – Galya Petrova, Stefan Petrov

12:10 – 12:30 Local Agro-Ecological Zones in sustainable cropland management and Agro ecosystem assessment – Yavor Yordanov, Damian Mihalev


13:00 - 14:00 Lunch

14:00 – 14:20 Urbanization impacts on soil pollution - Emiliya Velizarova, Ibrahim Molla

14:20 – 14:40 DNA-meta- barcoding to assess the impact of cropland management on soil functions - S. Dahle Fossøy, F., Rusch, G. M, Peneva, V., Lazarova, S,

14:40 – 15:00 Sustainability of Forest Ecosystem Services – Assessment - Based on Eustress and Climatic Patterns – Mariyana Lyubenova, Alexandre Chikalanov

15:00 – 15:20 Assessment of harmfulness and impact of pests and fungal pathogens on health status of trees and shrubs in urban ecosystems – Georgi Georgiev, Margarita Georgieva, Plamen Mirchev


15:40 - 16:00 The effect of combined grazing by wild boar and small ruminant on the regeneration of a coppice oak forest - E. Abraham, , Sklavou P., Loufi A., Parissi Z.M. and Kyriazopoulos A. P.
Session 3: Mapping and assessment of ecosystem services – biophysical perspective

Moderators: Mariyana Lubenova; Panayotis Dimopoulos

Monday 06.02.2016 14:00-15:30
14:00 – 14:20 Addressing urban ecosystem service trade-offs using the ESTIMAP pollinator mapping model – Erik Stange Grazia Zulian, Graciela Rusch, David Barton, Megan Nowell

14:20 – 14:40 Biophysical Perspective of Ecosystem Services Mapping - a Tool in Help of the Environmental Management and Smart Cities Development – Mila Chilikova-Lubomirova

14:40 – 15:00 Drafting the national agenda for the implementation of the Ecosystem Services mapping and assessment in the Greek territory - P. Dimopoulos Drakou E, Katsanevakis S, Kormas K, Kallimanis A, Tsiafouli M, Kokkoris I & Arends J.

15:00 – 15:20 The remote sensed status and trend of ecosystem Services over Three-River Headwaters, Qing-Tibet Plateau, China, in 2000-2012 – Junbang Wang

15:20 – 15:40 Decision Making System and Future of Internet for Forest Services Assessment and Smart Management - Alexandre Chikalanov, Mariyana Lyubenova, Yuri Pavlov, Kamen Spassov

Tuesday 07.02.2016 11:30-13:00

11:50 – 12:10 Study the flooding risk in assessing ecosystem services supply in Blagoevgrad district - Ivan Marinov, Eli Pavlova, Stoyan Nedkov, Miglena Zhiyanski


12:30 – 12:50 Mapping of cultivated crops supply capacity of urban ecosystems in Bulgaria - Ivo Ihtimanski, Stoyan Nedkov
Session 4: Mapping and assessment of ecosystem services – social perspective  
Moderators: Mariyana Nikolova; Beatriz Rodrigues-Labajos

Monday 06.02.2016
11:30 – 11:50 Using focus groups and participatory landscape assessment to identify and evaluate ecosystem services: a case study in North West India - E. Gomes-Martin, D. Bartlett, S. Milliken and D. Parmer
12:10 – 12:30 Assessment and mapping of aesthetic ecosystem services in the city of Varna, Bulgaria – Mariyana Nikolova, Stoyan Nedkov, Margita Kiryakova
12:30 – 12:50 GIS-based Valuation of Ecosystem Services in Mountain Regions: A Case Study of the Karlovo Municipality in Bulgaria - Boian Koulov, Ekaterina Ivanova, Bilyana Borisova, Assen Assenov, Aleksandra Ravnachka

Tuesday 07.02.2016
11:30 – 11:50 Selective and traditional forest management options for black pine forests in central Italy: effects on ecosystem services, their synergies and trade-offs – Natasha Nikodinoska, De Meo Isabella, Paletto Alessandro, Lagomarsino Alessandra
11:50 – 12:10 Community Perceptions of the Landscape: integrating land management with cultural ecosystem services - C. E. Stancioff , C.L. Hofman
12:10 – 12:30 Modelling the neuro-psycho-socio benefits of Eco-human interactions – Pooja Sahni
12:30 – 12:50 Mapping of cultural ecosystem services: a case study from the Kazimierz Landscape Park (Poland) – Malwina Michalik-Śnieżek and Tadeusz Jan Chmielewski
Poster session

Monday 06.02.2016  18:00 – 19:00

Session 1
Developing National Ecosystem Services Indicators – Experiences from Russia – Karsten Grunewald and Elena Bukvareva
Assessment of forest ecosystem services and its in situ verification - Albena Bobeva Elena Rafailova, Anna Petrakieva
GIS-based mapping of forest fire risk - Kiril Lyubenov and Maria Asenova

Session 2
Filling the data gaps in assessment of ecosystem conditions by applying altitude and mean depth for predicting transparency and chlorophyll-a in Bulgarian standing waters - Roumen Kalchev
Can the oxidative status of the mussel M. galloprovincialis serve as an integral indicator of the Black Sea ecosystems condition? - Lachezar Yakimov, Nesho Chipev
Tilia cordata Mill. as an indicator tree of particulate matter pollution in urbanized area - Robert Popek, Adrian Łukowski, Radosław Jagiełło, Piotr Karolewski, Jacek Oleksyn
Mapping of cultural ecosystem services (CES) as a result of expert and social assessment: the ranking approach – Barbara Sowińska-Świerkosz and Dawid Soszyński
Analysis of interaction between social and mountain forest ecosystem in the Ukrainian Carpathians: DPSIR approach application – Oksana Pelyukh and Lyudmyla Zahvoyska
Ecosystems and their problems in the municipality of Pogradec – Mentor Sulollari
Srebarna Lake ecosystem conditions - assessment of ecological state based on physical and chemical parameters and benthic communities - Emilia Varadinova, G. Georgieva, M. Ihtimanska, M. Kerakova, S. Kazakov, Y. Uzunov
Session 3
GIS-based Assessment and Mapping of Local and Regional Climate Regulation Services provided by Urban Ecosystems in Bulgaria - Bilyana Borisova, Miglena Zhiyansky, Stoyan Nedkov, Mariyana Nikolova, Zvezdelina Aidarova

The discreet boundaries of the landscape – a prerequisite for an objective evaluation of landscape services in Mala Planina - Borislav Grigorov, Bilyana Borissova, Assen Assenov

Soil-related ecosystem services in urbanized regions – mapping and assessment – Miglena Zhiyanski, Stoyan Nedkov, Lidiya Semerdzhieva

Session 4
Using Stakeholders Knowledge to Assess and Map Ecosystem Services in Romania - Constantin Cazacu Mihai Cristian Adamescu, Florian Nitu

Ecosystem services vs. disservices in urban and peri-urban regions: examples from pilot case-studies – Paul Aspholm

Methods and opportunities for economic valuation of the ecosystem services in the Bulgarian part of Vlahina mountains – Svetoslav Nikolov

Mapping of the dependence of Belgian crops on pollinators – Floriane Jacquemin Violle C., Dufrêne M.

Networking session
Moderators: Jeroen Arends; Stoyan Nedkov

Monday 06.02.2016 16:30 – 18:00
16:30 – 16:30 Introduction
16:30 – 17:00 The role of the Ecosystem Services Partnership (ESP) in South East Europe (SEE) - Jeroen Arends
17:00 – 17:20 Ecosystem Services Partnership national networks
17:20 – 17:40 Other networks
17:40 – 18:00 Discussion
Workshop “Ecosystem services assessment and evaluation – panacea or Pandora’s box?”

Moderators: Maria Nijnik; Boian Koulov

Tuesday 07.02.2016 14:00 – 15:30