



Leibniz Institute of
Ecological Urban and
Regional Development



МИНИСТЕРСТВО ПРИРОДНЫХ
РЕСУРСОВ И ЭКОЛОГИИ
РОССИЙСКОЙ ФЕДЕРАЦИИ



International Conference on Natural Capital, Ecosystem Services and Biodiversity

Moscow, 19–20 November 2019

Venue: Conference halls Smolensk of the hotel complex «Izmailovo»
(Russia, Moscow, Izmailovskoe shosse, house 71, corps 4 G-D)

Organizer and host: BCC Moscow, IOER Dresden

Co-Organized and supported by: BfN/BMU Germany, MNR Russia

Aim of the Conference

The concept of ecosystem services (ES) is one of the most rapidly developing areas of environmental policy in the world. It allows to optimize nature management, receive sustainable benefits from the functioning of natural ecosystems and not to damage the living nature. At the global and continental level, ES assessments are currently being carried out by the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES). National ES assessments on environmental and socio-economic sustainability are undertaken in a number of countries in the framework of UNEP TEEB project (www.teebweb.org) respective in the context of the MAES approach (Mapping and Assessment of Ecosystem Services) in EU countries in the framework of the EU-Biodiversity Strategy 2020. At the same time, indicators are developed and politically communicated in the context of National Biodiversity Strategies and the UN Sustainable Development Goals (SDG). Additionally numerous activities are underway to improve the methodological recording and integration of natural capital into public decision-making processes (UN Forum of Experts on SEEA Experimental Ecosystem Accounting).

The conference will uptake and review these processes. Focus of the first day are general questions: ecological transformation processes, assessments of ecosystem services and biodiversity, possibilities of the implementation of biophysical and economic ES in Russia, Germany and internationally as well as governance aspects, i.e. how these assessments can be incorporated into policy and management of land/resource use. The second day will focus on the results of the research project TEEB Russia II.

Conference languages: Russian and English

Speaking time: Presentations up to 20 minutes, short report up to 5 minutes.

Conference Program

FIRST DAY, 19.11.2019			
9.00 – 10.00	Registration (Smolensk 1 hall)		
10.00 – 12.00	Moderation: Karsten Grunewald and Alexey Zimenko (Smolensk 1)		
2 h	Alexey Zimenko / Karsten Grunewald	BCC / IOER	Welcome notes, introduction
	Konstantin Zhuravlev	Ministry of natural resources of the Russian Federation, chief specialist-expert of the Department of cooperation through intergovernmental commissions of the Department of international cooperation	Welcome speech
	Christiane Schell	BfN Germany, Head of Directorate, Fundamental Issues of Nature Conservation	Biodiversity, Ecosystem Services and Natural Capital – Building bridges between policy and science: ecology, economics and accounting
	Jana Tafi	EEA Copenhagen, Environmental assessment and accounting, ENI SEIS II East project	Ecosystem assessment and accounting on European Level – Approach, Results and Application in Policy
	Salman Hussain	The Economics of Ecosystems and Biodiversity (TEEB) / Ecosystem Services Economics Unit, UN Environment, Geneva	TEEB for Agriculture and Food: Implementing change by assessing externalities and impacts for a particular sector
	Arkady Tishkov	Institute of Geography RAS, Moscow	Biosphere functions and ecosystem services: importance for the economy and regional development of Russia
	Discussion		
12.00 – 12.30	Coffee break (Smolensk 1 hall)		
12.30 – 14.00	Moderation: Alexey Zimenko (Smolensk 1)		
1,5 h	Vyacheslav Rozhnov	A.N. Severtsov Institute of Ecology and Evolution of the RAS, Moscow	Modern processes in the study and conservation of biodiversity in Russia
	Ivan Blokov	Greenpeace, Moscow	Reliability of statistics and environmental protection

	Alexey Yaroshenko	Greenpeace, Moscow	Why Russian forest industry can not avoid logging of last frontier forests when the annual allowed cut is used for less than 50%
	Ksenia Avilova	MSU, Moscow	The natural complex of Moscow and the activities of the Moscow city Society for Nature Defense for its protection
	Discussion		
14.00 – 15.00	Lunch		
15.00 – 16.20	Moderation: Karsten Grunewald (Smolensk 1)		
1 h 20 min	Elena Bukvareva	BCC, Moscow	The TEEB-Russia projects
	Ralf-Uwe Syrbe, Karsten Grunewald	IOER, Dresden	Natural Capital Germany: the implementation in the frameworks of TEEB, MAES and SEEA
	Tatiana Minayeva	Wetlands International/Care for Ecosystems	Ecosystem services as a driver for wetlands and peatlands restoration and wise use: experience from German-Russian project on peatlands restoration
	Burghard Meyer	University Leipzig	Valuation of ecosystems and their services in Central Asia
16.20 – 16.40	Break		
16.40 – 18.00	Moderation: Angela Lausch (Smolensk 1)		
1 h 20 min	Dmitry Zamolodchikov	CEPF RAS, Moscow	The assessment of forest ecosystem service to regulate the water discharge: from national to local scale
	Alena Shushkova, Marine Elbakidze	NAS of Belarus, Centre for Biological Resources, Minsk, Swedish University of Agricultural Sciences	Linking ecosystem services, landscape preferences and human wellbeing: a case-study from Belarus
	Discussion: Further research and action at the science-policy interface		
	Policy Brief TEEB-Russia (Smolensk 1)		
18.30	Conference Dinner in Scandia Restaurant (21.30 end of the first day)		

Short input:

Christian Welscher (Succow Foundation): “Russian-German project activities in Romincka Forest – towards a UNESCO biosphere reserve in Kaliningrad Region (Russian Federation)”.

SECOND DAY, 20.11.2019

	Smolensk 1		Smolensk 2	
10.00 – 12.00 2 h	Section 1.1: Accounting of ecosystems and ES (physical and biodiversity indicators) Moderation: Elena Bukvareva		Section 2: Urban ecosystems and ES Moderation: Karsten Grunewald	
	Elena Bukvareva (BCC, Moscow)	Biodiversity Indicators in the Experimental Ecosystem Accounting in Russia: Experience of the TEEB-Russia 2 Project	Konstantin Kivva (CNIIP MinStroy, Moscow)	Ecosystems of a megapolis: state regulation dysfunctions
	Tatiana Sviridova (BCC, IPEE RAS, Moscow), Michail Kalyakin, Olga Voltzit (MSU, Moscow)	Atlas of Breeding Birds of European part of Russia and testing of its data for the development of bird diversity indicators (TEEB-Russia 2)	Oxana Klimanova (BCC, MSU, Moscow)	ES Mapping and Evaluation in Russia's Largest Cities: First Results (TEEB-Russia 2)
	Andrey Scherbakov, Nadezhda Lyubeznova (BCC, MSU, Moscow)	Vascular plants diversity as indicator of ecosystems quality in TEEB-Russia 2	Olga Illarionova (MSU, Moscow)	Air purification ES of suburban forest in the European part of Russia (TEEB-Russia 2)
	Angela Lausch (UFZ, Leipzig)	Monitoring bio- geodiversity and ecosystem health by traits, remote sensing and data science approaches	Lilia Sulkarnaeva (University of Tyumen)	Urban ecosystems and ES in Tyumen / Experience in assessing Tyumen ecosystem services
	Sergey Ostroumov (MSU, Moscow)	Scientific issues connected with aquatic ecosystem services and their valuation	Tatyana Zubkova, Dmitri Kavtaradze (MSU, Moscow)	Soils of urban ecosystems, environmental and social risks
	Discussion		Discussion	
	12.00 – 12.30	Coffee break		
12.30 – 14.30 2 h	Section 1.2: Accounting of ecosystems and ES (economic evaluation) Moderation: Arkady Tishkov		Section 3: ES mapping and assessment Moderation: Ralf-Uwe Syrbe	
	Sergey Bobylev, Sofia Solovieva, Alexandra Semenova (BCC, MSU, Moscow)	Economic evaluation of ecosystem assets and ES in TEEB-Russia 2	Alexander Khoroshev (MSU, Moscow)	Landscape geographic zoning methods for assessing ecosystem services
	Alexander Dumnov (RSAU, Moscow)	The problem of reflecting ecosystem services in the system of accounts	Robert Sandler (IPEE RAS, Moscow)	Remote sensing indication of regulating ES of European plain forests landscapes

	Ivan Potravnyy (REA, Moscow)	Assessment of ES during ethnological expertise of projects in the territories of traditional nature management	Natalia Luzkova, Elena Rasputina (Istomina) (IG RAS, Zapovednoye Podlemorye, Irkutsk)	ES mapping in Zabaikalsky National Park
	Vladislava Nemova (World Bank)	World Bank’s experience with the natural capital evaluation in the Europe and Central Asia	Eugeny Kolbovsky (BCC, MSU, Moscow)	Mapping of ES of protection of soil erosion in TEEB-Russia 2
	Artem Korzhenevych (IOER Dresden)	Economic drivers behind land consumption: empirical evidence from Bavaria (Germany)		
	Discussion		Discussion	
14.30 – 15.30	Lunch			
15.30 – 16.50 1h 20 min	Section 4: Influencing factors on ES Moderation: Burghard Meyer		Section 5: ES importance Moderation: Ina Rohmann	
	Grigory Kuksin (Greenpeace, Moscow)	Fires on natural territories in Russia in a changing climate	Vasily Grabovsky (CEPF RAS, Moscow)	Carbon storage ES by natural ecosystems in Russia
	Alexey Dymov (IB Komi SC RAS, Syktyvkar)	Logging impact on soils	Arkady Tishkov, Elena Belonovskaya, Nadezhda Tsarevskaya (IG RAS)	Valdai National Park Water-regulating services: assessment of the contribution to the state of the Verkhne-Volzhskaya and Nevsko-Ladoga water systems
	Kseniia Aleksandriiskaia (MSU, Moscow)	The assessment of recreational ecosystem services: main approach and first results (TEEB-Russia 2)	Evgeny Kolbovsky (BCC, MSU, Moscow)	Assessment of the aesthetic value of ecosystems in the TEEB-Russia 2
	Discussion		Discussion	
17.00 – 18.00 1h	Moderation: Alexey Zimenko and Karsten Grunewald (Smolensk 1)			
	Summing up the work of the sections – short reports of the moderators (up to 5 min)			
	General discussion			
	Proposal and discussion of results/outcomes of the conference			
18.30	Conference Dinner in Scandia Restaurant (21.30 end of the second day)			

Short input:

Sophia Solovyova (Lomonosov Moscow State University) – Development of methods of economic assessment of ecosystem services.