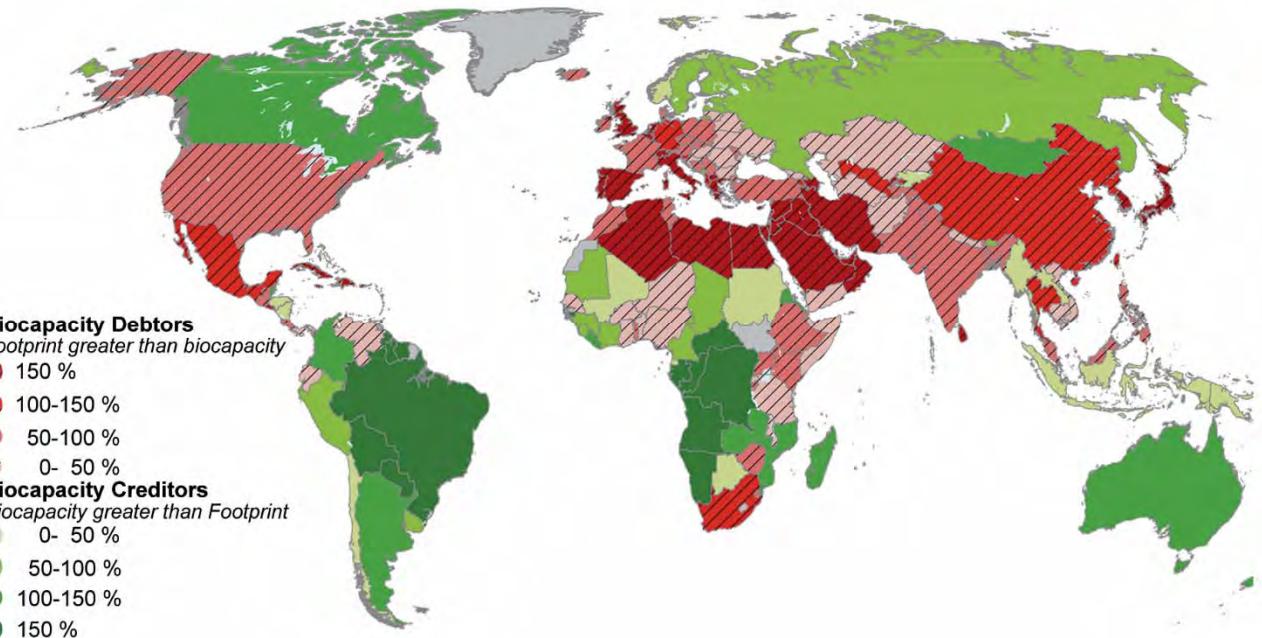


# International Conference on Natural Capital, Ecosystem Services and Biodiversity

Moscow, 19-20 November 2019

Welcome and introduction by Karsten Grunewald (IÖR) and Alexey Zimenko (BCC)



Ökologischer Fußabdruck und durchschnittliche globale Biokapazität, 2008  
(Quelle: Global Footprint Network 2011: Annual Report 2011)

Экологический след и средняя глобальная биологическая емкость,



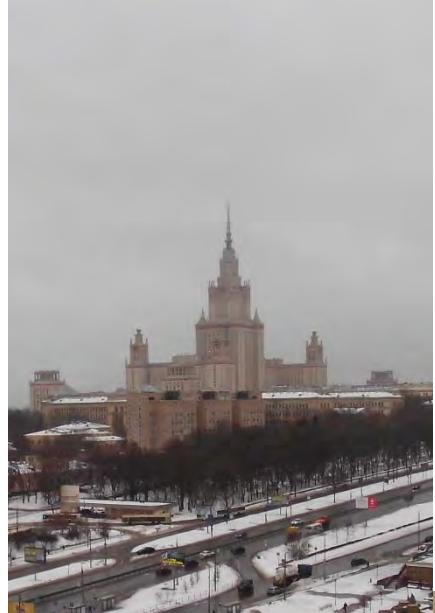
Gorno-Altaisk 2012



# Moskau 9-2012

Chamber of Commerce





Moskau 12-2012  
University hotel, 13th floor



## Sankt Petersburg 2013



# Insel Vilm, Deutschland



# ESP Costa Rica 2014

Mapping and Modelling ES

Assessing ES and Biodiversity





Irkutsk/  
Baikal 2014



Moskau 2015/2016



МИНИСТЕРСТВО  
ПРИРОДНЫХ РЕСУРСОВ И ЭКОЛОГИИ  
РОССИЙСКОЙ ФЕДЕРАЦИИ

# Moskau 2-2018



# Tyumen / Tobolsk 2017



# Irkutsk 8-2018









Moskau 8-2018

# IÖR Dresden 4-2019 (Moskau, Minsk in May 2019)





# **Meetings / Workshops → Outcomes / Outputs**

- **Informing/learning about** ES/ESS approaches and related TEEB studies
- **Networking** (German-Russian-NIS ESS/TEEB community)
- **Developing** new ideas for projects and policy integration
- **Publishing** findings and recommendations (websites, brochure, policy brief etc.)

Karsten Grunewald, Olaf Bastian  
und Alexander Drozdov (Hrsg.)

**TEEB-Prozesse und Ökosystem-Assessment  
in Deutschland, Russland und weiteren  
Staaten des nördlichen Eurasiens**



Карстен Груневальд, Олаф Бастиан  
и Александр Дроздов  
(Составление)

**ТЕЕВ процессы и экосистемные оценки  
в Германии, России и в некоторых других  
странах Северной Евразии**



BfN-Skripten 372

2014

Karsten Grunewald, Olaf Bastian,  
Alexander Drozdov und Vasily Grabovsky (Hrsg.)

**Erfassung und Bewertung von  
Ökosystemdienstleistungen (ÖSD)**

– Erfahrungen, insbesondere aus Deutschland  
und Russland



Карстен Груневальд, Олаф Бастиан,  
Александр Дроздов и Василий Грабовский  
(Составление)

**Учет и оценка экосистемных услуг (ЭУ)  
– Опыт, особенно Германии и России**



BfN-Skripten 373

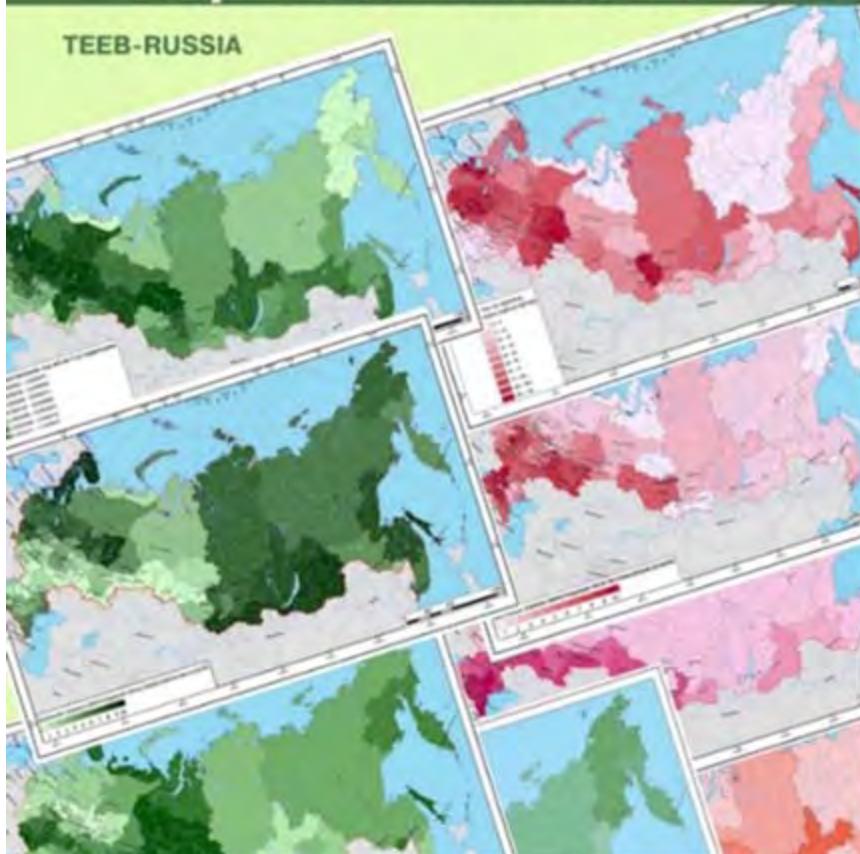
2014

# Экосистемные услуги России

Прототип национального доклада

## Услуги наземных экосистем

TEEB-RUSSIA



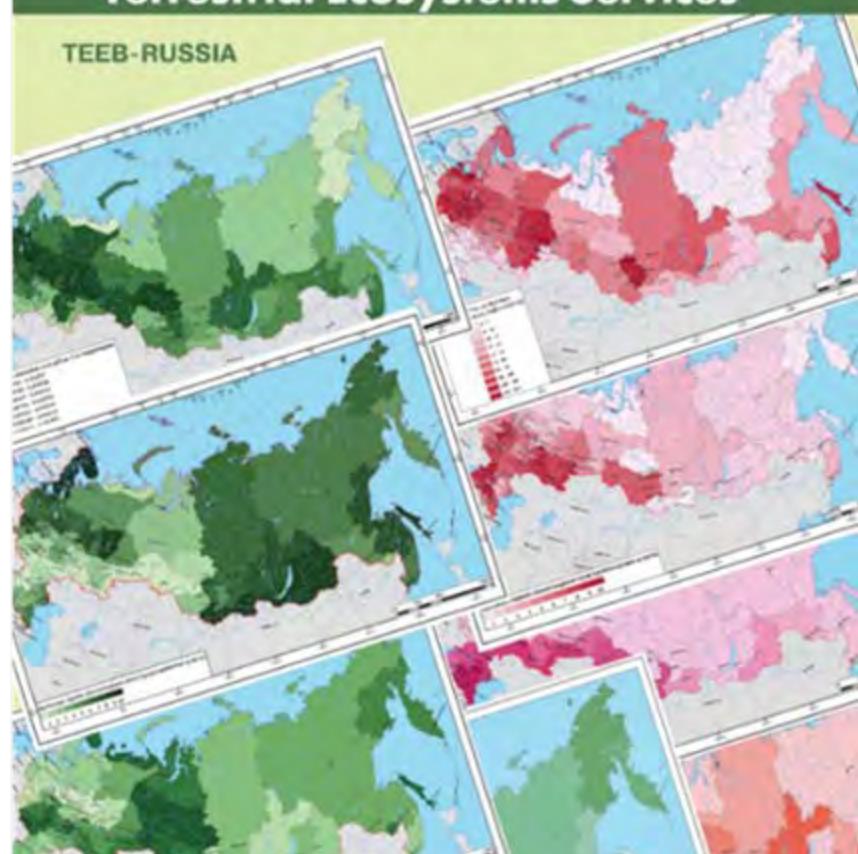
2016

# Ecosystem Services of Russia

Prototype National Report

## Terrestrial Ecosystems Services

TEEB-RUSSIA



2018



Contents lists available at ScienceDirect

STOTEN 2019

Science of the Total Environment

journal homepage: [www.elsevier.com/locate/scitotenv](http://www.elsevier.com/locate/scitotenv)

## National assessment of ecosystem services in Russia: Methodology and main problems

E. Bukvareva<sup>a,\*</sup>, D. Zamolodchikov<sup>b,c</sup>, K. Grunewald<sup>d</sup>

Ecological Indicators 2017

journal homepage: [www.elsevier.com/locate/ecolind](http://www.elsevier.com/locate/ecolind)

Short Communication

## Supplied, demanded and consumed ecosystem services: Prospects for national assessment in Russia

E. Bukvareva<sup>a,\*</sup>, D. Zamolodchikov<sup>b,c</sup>, G. Kraev<sup>c</sup>, K. Grunewald<sup>d</sup>, A. Narykov<sup>e</sup>

DOI 10.1007/S15280-019-00444

THE ROYAL SWEDISH ACADEMY OF SCIENCES

REVIEW

AMBIO 2015

## The current state of knowledge of ecosystems and ecosystem services in Russia: A status report

Elena N. Bukvareva, Karsten Grunewald, Sergey N. Bobylev, Dmitry G. Zamolodchikov,  
Alexey V. Zimenko, Olaf Bastian

First Block: 10.00 – 12.00

## Moderation: Karsten Grunewald and Alexey Zimenko (Smolensk 1)

A. Zimenko / K. Grunewald	BCC / IOER	Welcome notes, introduction
Zhuravlev Konstantin	MNR Russia, international cooperation department	Speech of MNR Russia
Christiane Schell	BfN Germany, Head of Directorate, Fundamental Issues of Nature Coservation	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

First Block: 12.30 – 14.00

Lunch 14.00 – 15.00

### Moderation: Alexey Zimenko (Smolensk 1)

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

Third Block: 15.00 – 16.20

## Moderation: Karsten Grunewald

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

Fourth Block: 16.40 – 18.00

## Moderation: Angela Lausch (Smolensk 1)

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, 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

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

### Introduction to the program of the second day

## Policy Brief TEEB-Russia (Smolensk 1)

18.30

Conference Dinner in Scandia Restaurant (21.30 end of the first day)

## SECOND DAY, 20.11.2019

Smolensk 1	Smolensk 2	10 am
Section 1: Accounting of ecosystems and ES (physical and biodiversity indicators)  Moderation: Elena Bukvareva	Section 2: Urban ecosystems and ES  Moderation: Karsten Grunewald	2 h (5 pres.+discussion)

Coffee break (12.00-12.30)

12.30 – 14.30

Section 1: Accounting of ecosystems and ES (economic evaluation)

Moderation: Arkady Tishkov  
(5 pres. + discussion)

Section 3: ES mapping and assessment

Moderation: Ralf-Uwe Syrbe

4 pres. + discussion

14.30 – 15.30 Lunch

15.30 – 16.50

Section 4: Influencing factors on ES  
Moderation: Burghard Meyer  
(3 pres. + Discussion)

Section 5: ES importance  
Moderation: Ina Rohmann  
(3 pres. + Discussion)

17.00 – 18.00

**Summing up the work of the sections - short reports of the moderators  
(Smolensk 1)**

**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)**