

Стратегическая сессия  
**«Взаимоотношения России и  
сопредельных государств:  
основные проблемы и пути их  
решения»**

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*Киреев Виктор Витальевич,*

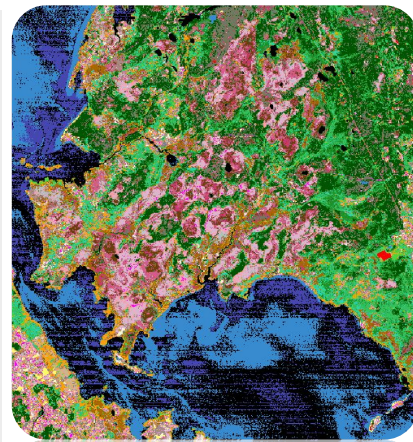
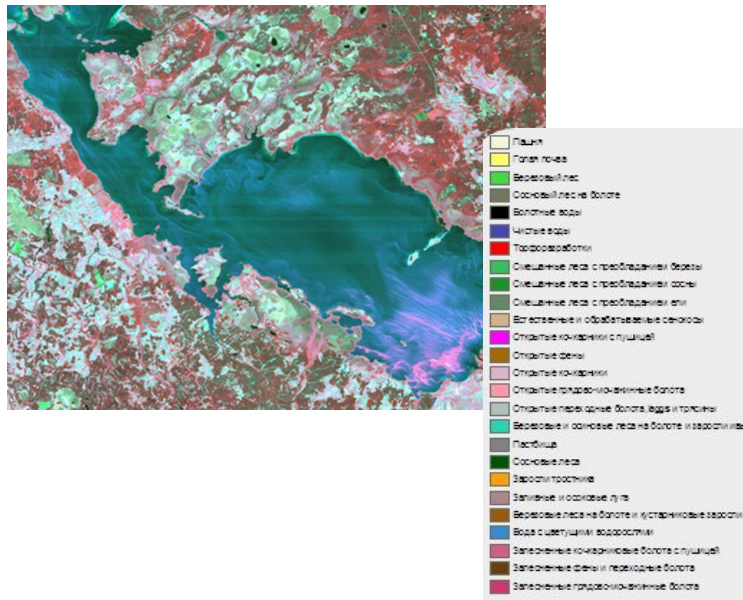
Институт наук о Земле СПбГУ



4 декабря 2020 года

# Inventory of wetlands in Eastern Europe

- *Dates of implementation:* 1998 - 2000
- *Partners:*
  - Pskov State Pedagogical Institute (Russia)
  - Institute RIZA (The Netherlands)
  - Estonian University of Life Sciences (Estonia)
- *Project aim:* wetlands habitat inventory on the basis of satellite images
- *Results:* inventory of habitats of the wetland "Peipsi lakeside lowland"



# Development of management plan for the lake Chudskoe/Pskovskoe ramsar site

- *Dates of implementation:* 2000 - 2003
- *Partners:*
  - firm "Ramboll" (Denmark)
  - Pskov State Pedagogical Institute (Russia)
  - Estonian University of Life Sciences Estonia)
  - Rosprirodnadzor (Pskov region)
  - NGO "Lake Peipsi Project"
- *Project aim:* development of a management plan for wetland



# EU / TACIS project "Management of water resources in the basin of Lake Peipsi"

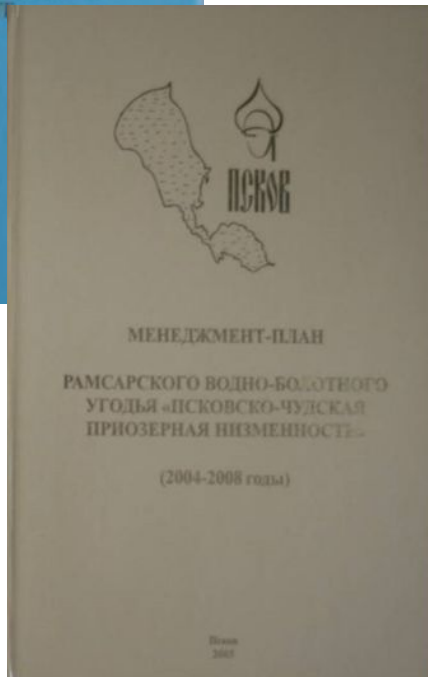
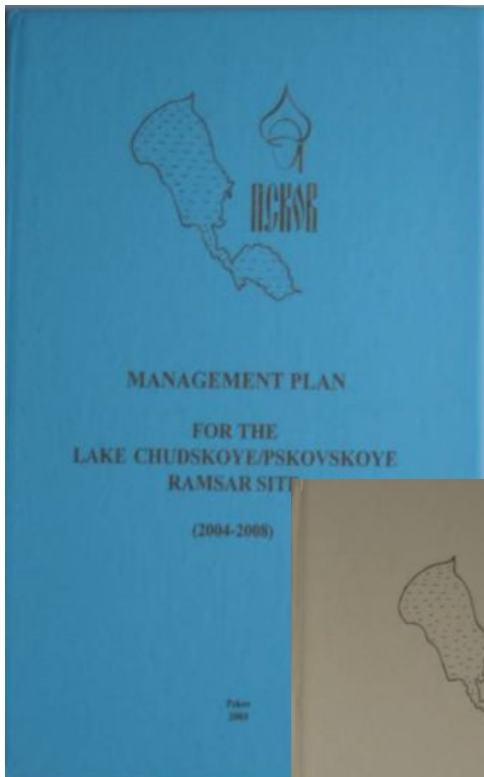
- *Dates of implementation: 2003 - 2006*
- *Partners:*
  - Poyry Oy (Finland)
  - Halcrow (UK)
  - BCEOM Societe Francaise D'Ingenierie (France)
  - Administration of the Pskov region (Russia)
  - Pskov State Pedagogical Institute (Russia)
- *Project aim: development of a management plan for the basin of lake Peipsi*



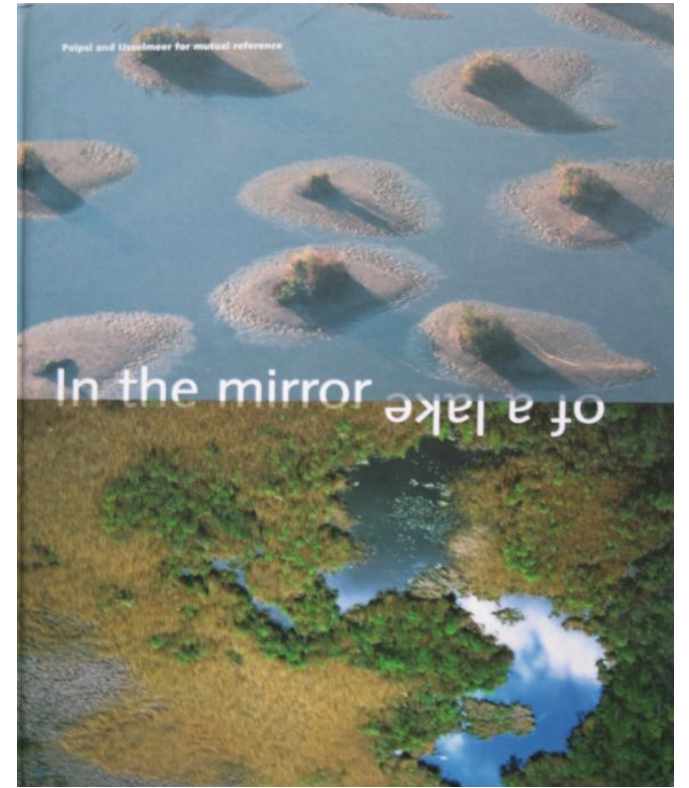
# Lakes Peipsi and Ijsselmeer: joint management proposals

- *Dates of implementation: 2004 - 2007*
- *Partners:*
  - Natural Resources Committee for the Pskov region, Ministry of Natural Resources of the Russian Federation (RF)
  - Pskov State Pedagogical Institute (Russia)
  - Pskov Regional Inspectorate for fish resources protection (RF)
  - NGO "Lake Peipsi Project" / Center for Transboundary Cooperation (RF)
  - Peipsi Center for Transboundary Cooperation (Estonia)
  - Environmental Information Centre of the Ministry of Environment of the Republic of Estonia (Estonia)
  - Wildlife-Estonia (Estonia)
  - University of Tartu, Institute of Zoology and Botany, Vortsjarv Limnological Station (Estonia)
  - Ministry of Transport, Public Works and Water Management (Netherlands);
  - Regional Directorate of the Ijsselmeer Region (Rijkswaterstaat - RDIJ) (Netherlands).
- *Project aim: to study and compare the biodiversity of Lake Peipsi and Lake Ijsselmeer*





*Management plan for the Lake Chudskoe | Pskovskoe Ramsar site (2004-2008): in English and Russian*



*“In the mirror of a lake”* – This book is the outcome of a joint co-operation between Dutch, Estonian and Russian specialists. From 2003 to 2006, they compared two of the largest shallow lakes in Europe with a focus on ecological functioning.

# Tartu, Rezekne, Pskov: Green Management for Urban Development & Planning in EE-LV-RU Border Capitals / GreenMan (1)

- *Project duration:* May 2012 – April 2014
- *Partners:*
  - NGO “Lake Peipsi Project, Pskov” (Russia)
  - Administration of Pskov City / Department of Urban Services (Russia)
  - Pskov State University (Russia)
  - Peipsi Center for Transboundary Cooperation (Estonia)
  - Tartu City Government (Estonia)
  - Estonian University of Life Sciences (Estonia)
  - Latvian office of Euroregion “Country of lakes” (Latvia)
  - Rezekne City Council (Latvia)
  - Rezekne Local Municipality (Latvia)
  - Daugavpils University (Latvia)
- *Project aim:* To contribute to increasing greenery & attractiveness of the cities in EE-LV-RU border area for their residents & visitors as a result of effective green management policies, practices & innovations compliant with national green regulations & efficiently applied by local urban actors.



# Tartu, Rezekne, Pskov: Green Management for Urban Development & Planning in EE-LV-RU Border Capitals / GreenMan (2)

- **Results:**
- 2 comprehensive inventories of green areas in **Pskov** & Rezekne, greenery identified and 2 databases prepared
- 2 new green areas management systems for **Pskov** & Rezekne (Tartu's system updated)
- 4 sets of technical documents for creation / restoration of green areas: Tartu – “Reconstruction of the Mathiesen Park” (2.4 ha); **Pskov – “Restoration of the Botanic Garden” (6,4 ha)**; Rezekne City – “Reconstruction of North Industrial Zone Park” (2,5 ha), Rezekne Municipality – “Development of Greivuli Recreation Path” (2 km)
- 4 large-scale urban green areas created: **the Arboretum (DendroPark) in the center of Pskov restored (5 ha)**; the Friendship Alley in the center of Tartu created (1 ha); eco-friendly Children's recreation Area in Raina Park in Rezekne City reconstructed (0,6 ha), the Ancupani Forest Park Cover in Rezekne Local Municipality improved (9,48 ha)
- series of trainings on GIS (geo-information systems) and green areas management for the partners



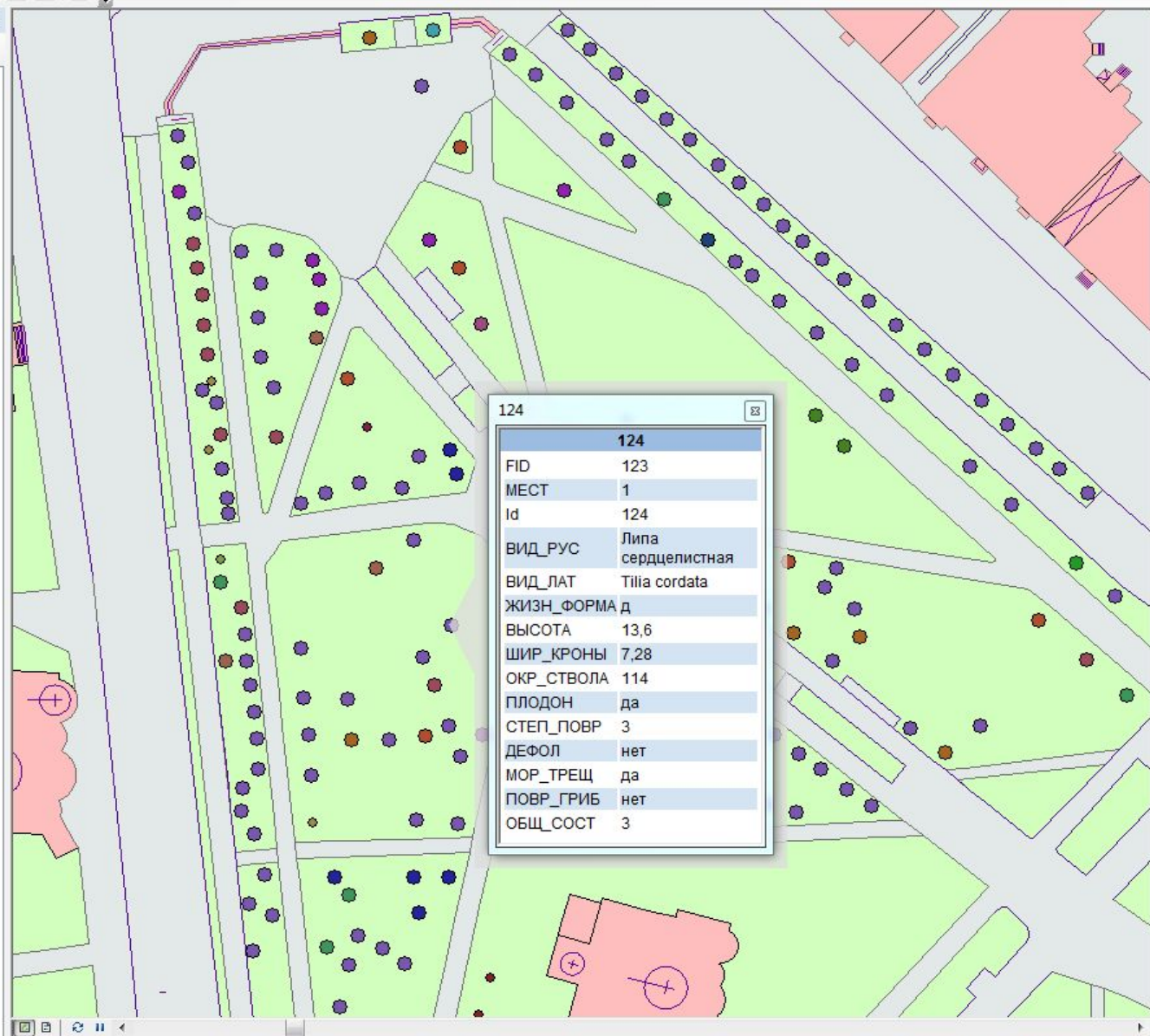


## Таблица содержания



## Слои

- \_Центр\_РАСТ
  - Виды растений
  - Вяз шершавый
  - Груша
  - Дуб красный
  - Дуб черешчатый
  - Ель голубая
  - Ель обыкновенная
  - Карагана древовидная
  - Кизильник блестящий
  - Клен обыкновенный (остролистный)
  - Клен платанолистный
  - Конский каштан обыкновенный
  - Липа сердцелистная
  - Рябина обыкновенная
  - Сирень венгерская
  - Сирень обыкновенная
  - Туя восточная
  - Яблоня
  - Ясень обыкновенный
- Центр\_ДОРОГИ\_Л\_polyline
- Центр\_ДОРОГИ\_П\_polyline
- Центр\_ЗДАНИЯ\_Л\_polyline
- Центр\_ГИДРОГРАФИЯ\_region
- Центр\_ДОРОГИ\_Л\_region
- Центр\_ДОРОГИ\_П\_region
- Центр\_ЗДАНИЯ\_Л\_region
- Центр\_ЗДАНИЯ\_П\_region
- Центр\_РАСТИТЕЛЬНОСТЬ\_region



124	
FID	123
МЕСТ	1
Id	124
ВИД_РУС	Липа сердцелистная
ВИД_ЛАТ	Tilia cordata
ЖИЗН_ФОРМА	д
ВЫСОТА	13,6
ШИР_КРОНЫ	7,28
ОКР_СТВОЛА	114
ПЛОДОН	да
СТЕП_ПОВР	3
ДЕФОЛ	нет
МОР_ТРЕЩ	да
ПОВР_ГРИБ	нет
ОБЩ_СОСТ	3

# Integrated water resource management in Russian Federation

- *Dates of implementation:* 2008 - 2011
- *Partners:*
  - Milieukontakt International (the Netherlands)
  - Province of Drenthe (the Netherlands)
  - Wageningen University (the Netherlands)
  - Pskov State Pedagogical Institute (Russia)
  - Omsk State University (Russia)
  - Moscow State University , Faculty of Geography (Russia)
  - NGO "Dodo" (Nizhny Novgorod, Russia)
- *Project aim:* to teach the staff of the regional and municipal authorities, responsible for water management, the principles of integrated water resource management
- *Results:*
  - the course "Integrated Water Resources Management in the Russian Federation"
  - conducting 2 seminars on Integrated Water Resources Management for representatives of local government agencies, NGOs and experts in the field of water resource
  - Integrated Water Resources Management course for students;
  - implementation of two pilot projects in the framework which applies practical principles of Integrated Water Resources Management





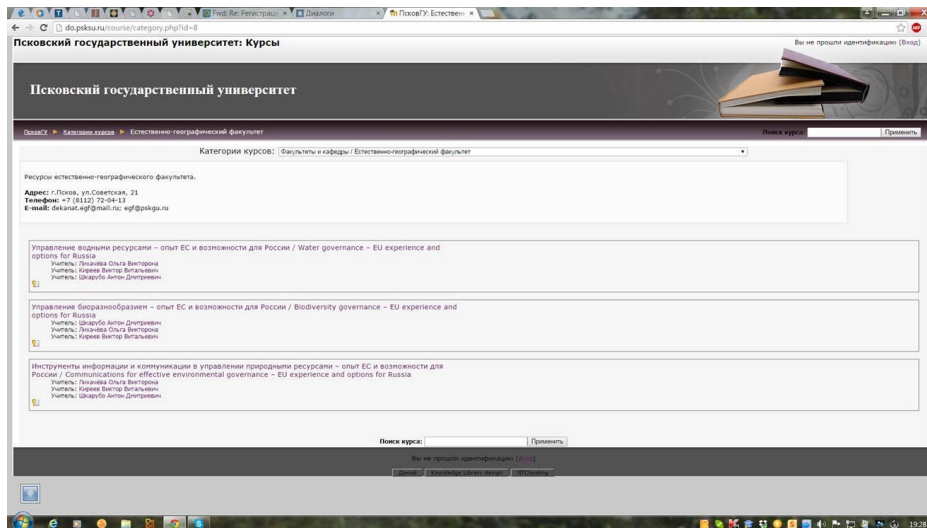
## Project: «Governance of natural resources – EU experience and challenges for Russia» (NatRes)

### Проект: «Управление природными ресурсами – перспективы в России и опыт Европейского Союза»

- **Project duration: 2014 – 2017**
- **Communications for effective environmental governance – EU experience and options for Russia / Инструменты информации и коммуникации в управлении природными ресурсами – опыт ЕС и возможности для России (30 hours/часов)**
- **Biodiversity governance – EU experience and options for Russia / Управление биоразнообразием – опыт ЕС и возможности для России (28 hours/часов)**
- **Water governance – EU experience and options for Russia / Управление водными ресурсами – опыт ЕС и возможности для России (28 hours/часов)**

## European Agenda on Nature-Based Solutions and Re-Naturing Cities for Russia / EARTH

- **Project duration: 01.09.2018 – 31.08.2021**
- **Project financing: Erasmus+, Jean Monnet modules**
- **Governance of socio-ecological systems: EU policy framework and communication / Управление социально-экологическими системами: политика ЕС и коммуникация**
- **Territorial resilience: EU experience for Russia / Территориальная резильентность**
- **Re-naturing cities: EU experience for Russia / Ренатурализация городов**



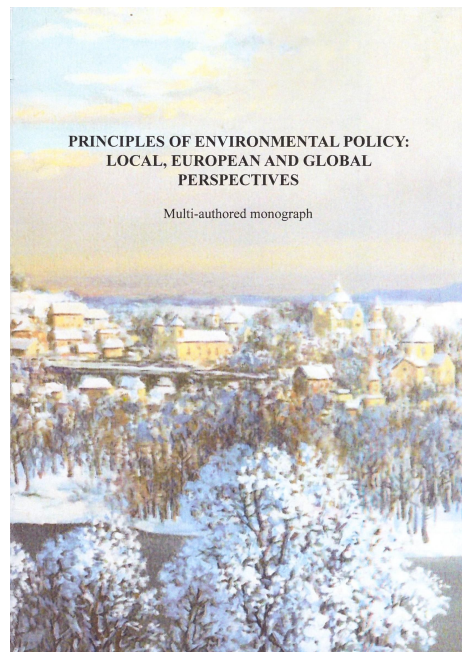
<https://earth.pskgu.ru/>

## Научные исследования и публикационная активность



Шкарубо А.Д., Скриган А.Ю., Лихачева О.В., Марискевич О.Г., Киреев В.В., Сепп К., Шпакивская И.М. Социально-экономические барьеры и предпосылки применения природоподобных решений для формирования водосборных систем: аналитический обзор для городов Беларуси, России и Украины // Городские исследования: теория и практика: монография. Urban research: Theory and Practice. – Москва: Издательство «Проспект», 2020. –

С. 222–250



Principles of Environmental Policy: Local, European and Global Perspectives. Multi-authored monograph. Edited by A. Shkaruba. Pskov, Publishing house of Pskov State University, 2018. 342 p.



Case Studies in Social-Ecological Research. Edited by Olga Likhacheva, Hanna Skryhan and Anton Shkaruba. Pskov, Publishing house of Pskov State University, 2017. 396 p. [In Russian]

# Роль ЕС в управлении природными ресурсами: геополитический, региональный и секторальный аспекты / EU governance of natural resources: geopolitics, regions and sectors (GRaSs)



<https://grass.pskgu.ru/>

- *Project duration: 2017 –2019*



