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## Seminar

# Management of Biodiversity and Landscapes in Estonian Coastal Areas

May 25 – 29, 2010

Estonia

*In 2010, the International Year of Biodiversity, the Nordic Council of Ministers has generously decided to help fund both our annual seminars. Therefore, Keskkonnaamet (Environmental Board of Estonia) and EUROPARC Nordic-Baltic Section now have the great pleasure of inviting you to the 2010 spring seminar which will take place in Estonia. It includes two parts – a field trip and the conference Nature Conservation Beyond 2010. The conference is organised by Keskkonnaamet, the Estonian University of Life Sciences and the Estonian Ministry of the Environment. Welcome!*

### Objectives of the seminar

The aim of the seminar is to allow you to meet with colleagues primarily from the EUROPARC Nordic-Baltic Section and exchange experiences related to the management of biodiversity on different levels. A field trip will take us to restoration projects where Estonian practitioners will share their experiences and best practices. We will then participate in the conference Nature Conservation beyond 2010.

### Introduction

The United Nations has declared 2010 to be the International Year of Biodiversity as a celebration of life on earth and of the value of biodiversity for our lives. Since the 2010 Biodiversity Target aiming to halt biodiversity decline by the end of 2010 was not met – it is of even greater importance that we continue our work to safeguard biodiversity beyond 2010. Naturally, an important part of this work is done in protected areas.

Guided by management practitioners from *Keskkonnaamet*, we will visit projects related to managing and promoting biodiversity on (e.g.) species, habitat and landscape scales. The sites are located in protected areas in Western Estonia:

**Matsalu National Park** is famous for its unique and varied landscape with floodplains, reed beds, coastal meadows, wooded meadows and islets. An important stop over for many migrating bird species, it is also a birdwatchers' paradise.

**Läänemaa Suursoo Landscape Reserve** exhibits mire, bog and fen habitats. Forest patches and mire islands are interspersed in wetlands of various types. The north western part of Läänemaa Suursoo is a unique and varied landscape with moorlands and bogs.

This first part of the seminar is concluded by a summarizing session where we discuss our impressions from the field and management practices in general.



The ensuing conference, Nature Conservation Beyond 2010, allows us to broaden our perspectives and see biodiversity's role in providing the ecosystem services on which our societies depend. The daily work related to management practices are put into a greater context as we catch up on the latest scientific findings.

Thanks to generous support by the Nordic Council of Ministers, we are able to offer a unique opportunity to take part in both the field-trip and the entire conference programme. All costs related to these events are covered, including accommodation and food as stated in the programme. Participants will pay for travel to and from Tallinn by themselves.

**NB. Those of you who have not yet made a reservation for the hotel, are kindly asked to do ASAP by filling out the form at [http://www.kalevatravel.ee/nature\\_conservation\\_beyond\\_2010](http://www.kalevatravel.ee/nature_conservation_beyond_2010) Specify that you wish to stay at the Meriton, your arrival and departure dates and if you would like to share a room with a colleague. Tick the box EUROPARC member!**

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## Programme

### Tuesday 25 May: Arrival

20:00 Welcome reception in the White Piano Bar at [Meriton Grand Conference & Spa Hotel](#), Tallinn. Light snacks and drinks.

### Wednesday 26 May: Management of Biodiversity and Landscapes in Estonian Coastal Areas. Guides: Ilona Lepik and Maire Toming, Keskonnaamet

08:00 Our bus departs from the hotel.  
10:00 Arrival Penijõe, Matsalu National Park Visitor Centre. Coffee and biscuits.  
10-11 Exhibition and slideshow in the Centre of Matsalu National Park.  
11-12 Introduction to the lesser white-fronted goose (*Anser erythropus*) and natterjack toad (*Bufo calamita*) conservation projects.  
12-13 Bus to Haeska coastal meadows.  
13-14 Picnic lunch in Tuulingu holiday house. Results and evaluation of the lesser white-fronted goose and natterjack toad conservation projects.  
14-15:30 Bus to Läänemaa Suursoo Landscape Reserve  
15:30-17 Restoration of Natterjack toad habitats. Discussion: Options to open the sand dunes after the forest fire in Veskijärve district.  
17:00 Bus to Vihterpalu.  
18-20 Dinner at Vihterpalu Manor.  
20:30 Back at the hotel



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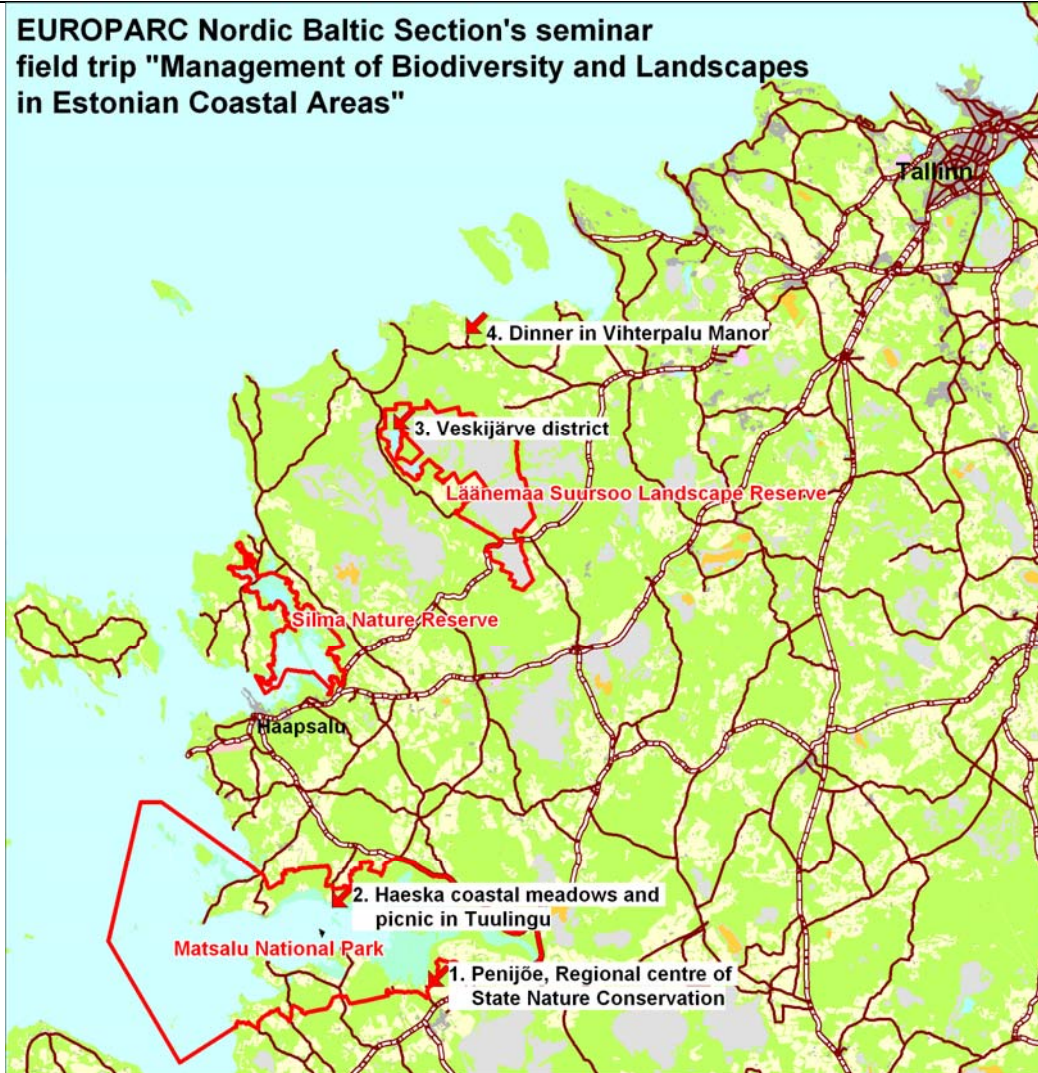


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## EUROPARC Nordic Baltic Section's seminar field trip "Management of Biodiversity and Landscapes in Estonian Coastal Areas"



[Thursday 27 May: Summary of the previous day and discussions, Meriton Grand Conference & Spa Hotel, Adson Seminar room. Moderator: Leelo Kukk, Keskkonnaamet, and the N-B Section Secretariat](#)

- 9:00 Summary of the previous day's field trip.  
Management of Semi-natural Areas in Estonia, an overview. Anneli Reinloo, Chief Specialist Land Servicing, Keskkonnaamet.
- 10:00 Protected Areas and Biodiversity – perspectives from the World Commission on Protected Areas, Stig Johansson, Vice-Chair WCPA (Pan-Europe).  
Discussions, questions, comments related to what we have learnt in the first 1 ½ days of the seminar.
- 11:00 End of seminar
- 11:30 Organized transport from hotel to the conference venue, KUMU Art Museum
- 11:50 Break for lunch and conference registration. [Please note that participants are to make their own lunch arrangements on this day.](#) Suggestions for lunch restaurants:







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- Bonaparte cafe & restaurant in KUMU, Weizenbergi 34/Valge 1
- Vesivärava cafe, Vesivärava 42
- NOP, Kõleri 1



**13:00** Conference opening

|             |  |
|-------------|--|
| 13.00-17.45 | <b>Opening and plenary session</b> , KUMU auditorium on the ground floor<br>Moderator: Urmas Tartes  |
| 13.00-13.15 | Conference opening. Greetings from the President of the Republic of Estonia, Mr. <b>Toomas Hendrik Ilves</b>   |
| 13:15-13:45 | History of Nature Conservation in Estonia - <b>Hanno Zingel</b> (Ministry of Environment, Estonia) & <b>Kalev Sepp</b> (Estonian University of Life Sciences, Estonia) |
| 13:45-14.15 | Nature conservation beyond 2010 - <b>Julia Marton-Lefèvre</b> (International Union for Nature Conservation, Switzerland)   |
| 14:15-14.45 | Integrating Social Science Considerations into Conservation Programs - <b>Richard P. Reading</b> (Denver Zoological Foundation, USA)                                   |
| 14.45-15.15 | Biodiversity and Sustainability: The keys to our future - <b>Manfred Niekisch</b> (Frankfurt Zoo, Germany)   |
| 15:15       | Coffee break   |
| 15.45-16.15 | Nature management challenges in Europe - <b>Robert Flies</b> (European Commission, )   |
| 16.15-16.45 | The role of zoos in conservation: shift of paradigm - <b>Tiit Maran</b> (Tallinn Zoo, Estonia,) & <b>Richard P. Reading</b> (Denver Zoological Foundation, USA)        |
| 16.45-17.15 | Ecosystem Goods and Services - Conservation through Sustainable Use - <b>Tamas Marghescu</b> (The International Council for Game and Wildlife Conservation, Hungary)   |
| 17.15-17.45 | The Ramsar Convention – a modern success story for nature conservation - <b>Tobias Salathe</b> (Secretariat of Ramsar Convention, Switzerland)                         |
| 20:00-23.00 | <b>Official reception, Mr Jaanus Tammkivi (Estonian Minister of Environment)</b><br>Room: KUMU foyer on the second floor   |





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**Friday 28 May: Conference Day 2, Estonian National Library, Tõnismägi 2, 15189 Tallinn**

|   |   |
|---|---|
| 08.30-09.00   | Registration  |
| 09.00-10.30   | <b>Plenary session</b><br>Room: Estonian National Library main conference hall<br>Moderator: Tiit Maran   |
| 09.00-09.30   | Ecosystem approach in managing military areas - <b>Piet Wiet</b> (Syzygy Ltd, Commission on Ecosystem Management (CEM IUCN), The Netherlands)   |
| 09.30-10.00   | Biodiversity - A driver for Business - <b>Henric Wahlgren</b> (Kinnarps AB, Sweden)   |
| 10.00-10.30   | Monitoring visitors flows at protected areas - <b>Enrico Durbano</b> (Ecocounter Ltd, France)   |
| 10.30-11.00   | Coffee break  |
| 11.00-13.00   | <b>Parallel symposia</b>  |
| Parallel symposia: Success stories of nature conservation & Nature Conservation Beyond 2010<br>Room: Estonian National Library small conference hall Moderator: Tiiu Kull |   |
| 11.00-11.15   | <i>Success story of Taki - Piet Wit (Syzygy Ltd, Commission on Ecosystem Management (CEM IUCN), The Netherlands)</i>  |
| 11.15-11.30   | <i>Success Story: Combining tourism and wilderness in Soomaa through PAN Parks - Murel Merivee (Environmental Board), Zoltán Kun (PAN Parks Foundation), Agu Leivits (Environmental Board), Aivar Ruukel (Estonian University of Life Sciences), Tõnis Korts (Viljandi County Government)</i>                       |
| 11.30-11.45   | <i>Success Story: Cooperative management of the North Livonian Transboundary Ramsar Site Agu Leivits (Environmental Board), Andris Urtāns (Latvian Nature Conservation Agency), Anneli Roosalu (Environmental Board), Murel Merivee (Environmental Board), Valērijs Seilis (Latvian Nature Conservation Agency)</i> |
| 11.45-12.00   | <i>Use of labelling, GPS transmitters and webcams in species conservation - Urmas Sellis (Eagle Club (Kotkaklubi))</i>  |
| 12.00-12.15   | <i>Successful habitat restoration for threatened amphibians in Estonia - Riinu Rannap</i>   |
| 12.15-12.30   | <i>Conservation and wise use of Estonian wetlands - Kai Kimmel (Environmental Board)</i>  |
| 12.30-12.45   | <i>Restoring fen and moor in Aamose, DK after peat-digging and drainage - OVESEN, Claus Helweg (Roskilde University)</i>  |
| 12.45-13.00   | <i>DNA barcoding and nature conservation – mutually beneficial future - Urmas Kõljalg, (University of Tartu)</i>  |
| Parallel symposia: Nature Conservation Policy & Ecosystem approach in management<br>Room: Estonian National Library main conference hall<br>Moderator: Leelo Kukk         |   |
| 11.00-11.15   | <i>Recent trends in nature conservation - Kaja Peterson (Stockholm Environment Institute Tallinn Centre)</i>  |
| 11.15-11.30   | <i>Determinants of orientation to nature protection: some inferences from Estonian society - Kati Orru (Estonian University of Life Sciences, Institute for Environment and Agriculture King's College London)</i>  |
| 11.30-11.45   | <i>About Local Nature Conservation Trustees, Public Servants and Trust in Nature</i>  |



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|  | <i>Conservation - Kristel Vilbaste (Tallinna Ülikool) Mikk Sarv (Erakond Eestimaa Rohelised)</i>   |
| 11.45-12.00  | <i>Fundamentals of species conservation in Estonia - Eike Vunk (Environmental Board)</i>   |
| 12.00-12.15  | <i>Nature Conservancy, without the local inhabitants, is this possible?- Mark Soosaar (MP, Riigikogu)</i>  |
| 12.15-12.30  | <i>Ecosystem approach to creating competitive space as a basic element of modern spatial planning - Alicja Suder (University of Silesia)</i>   |
| 12.30-12.45  | <i>Ecosystem approach in soil protection and land management - Raimo Kõlli (Estonian University of Life Sciences) &amp; Arno Kanal (University of Tartu)</i>   |
| 12.45-13.00  | <i>EU Biodiversity Policy Post-2010 - exploring the possibilities for safeguarding broader ecosystems - Kettunen, M, Baldock, D., ten Brink, P., Lutchman, I. &amp; Tucker, G. (Institute for European Environmental Policy, IEEP), Baumüller, A. &amp; Arroyo, A.</i>                   |
| 13.00-13.30  | <b>Poster session</b>  |
| 13.00-14.15  | <b>Lunch</b>   |
| 14.15-15.45  | <b>Parallel symposia</b>   |
| Parallel symposia: Ecosystem goods and services<br>Room: Estonian National Library small conference hall<br>Moderator: Üllas Ehrlich |  |
| 14.15-14.30  | <i>Recognising the value of protected areas (in the Economics of Ecosystems and Biodiversity (TEEB) report for policy-makers - Kettunen, M. (IEEP, coordinator), Berghöfer, A., Brunner, A., Conner, N., Dudley, N., Ervin, J., Gidda, S. B., Mulongoy, K. J., Pabon, L., Vakrou, A.</i> |
| 14.30-14.45  | <i>Transactional Environmental Supporting System and Development of Pro-Biodiversity Business - Zenon Tederko (Pro-Biodiversity Service)</i>   |
| 14.45-15.00  | <i>Old manor parks – from cultural heritage to refugia of biodiversity - Jaan Liira, Kertu Lõhmus, Epp Tuisk, Kai Vellak, Inga Jüriado, Ave Suija (University of Tartu)</i>  |
| 15.00-15.15  | <i>Red wood ant settlements as outside study objects and the management of ant-friendly tourism - Anne Martin (Tallinn University) &amp; Ants-Johannes Martin (Estonian University of Life Sciences)</i>   |
| 15.15-15.30  | <i>Large Carnivore Damage Prevention and Conservation: Livestock Guarding Dogs in Finland and Estonia - Teet Otsstavel (Estonian Research Institute of Agriculture and University of Helsinki)</i>   |
| 15.30-15.45  | <i>Paying for environmental protection and attitude towards nature protection in Estonia in international comparison - Üllas Ehrlich, Sirje Pädam (Tallinn University of Technology)</i>   |
| Parallel symposia: Biodiversity and management<br>Room: Estonian National Library main conference hall<br>Moderator: Mart Külvik     |  |
| 14.15-14.30  | <i>To be announced.</i>  |
| 14.30-14.45  | <i>Invertebrate diversity research and conservation in Estonia: our overlooked majority - Tõnu Talvi (Environmental Board)</i>   |
| 14.45-15.00  | <i>The dendroflora of Estonian nature protected parks - Nele Nutt, Sulev Nurme, Mart Hiob (Tallinn University of Technology)</i>   |
| 15.00-15.15  | <i>How are Estonian woodland key habitats managed - what has remained and how are they protected? -Kaupo Kohv (Estonian Fund for Nature) &amp; Anneli Palo (Univ. of Tartu)</i>  |





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| 15.15-15.30 | <i>How are habitat and landscape factors influencing the diversity and abundance of bumblebees? - Isabel Diaz Forero, Ave Liivamägi, Valdo Kuusemets (Estonian University of Life Sciences)</i> |
| 15.30-15.45 | <i>Distribution and habitat ecology of the threatened Florest lichen Lobaria pulmonaria in Estonia, Inga Jüriado &amp; Jaan Liira (University of Tartu)</i>                                     |
| 15.45-16.15 | Coffee break  |
| 16.15-18.00 | <b>Final plenary session</b><br>Room: Estonian National Library main conference hall<br>Moderator: Hanno Zingel   |
| 16.15-16.40 | Nature 2000 – beyond 2010 - <b>Olli Ojala</b>   |
| 16.40-17.05 | The global implementation of Programme of Work on Protected Areas (PoWPA) - <b>Sarat Babbu Gidda</b> (CBD secretariat, France)  |
| 17.05-17.30 | Biodiversity and Protected Areas – Challenges in a Changing World new approaches - <b>Stig Johansson</b> (Vice-Chair WCPA (Pan-Europe), Natural Heritage Services, Metsähallitus, Finland)      |
| 17.30-18.00 | <b>Discussion – Nature Conservation Beyond 2010</b><br>Moderator: Kalev Sepp  |

**Saturday 29 May: Conference Day 3, excursions**

|            |  |
|------------|--|
| 8.00-19.00 | <b>Matsalu National Park:</b> Penijõe manor – Suitsu towel and hiking trail – floodplain meadows, reed, wooded meadow, alvars – Põgari coastal meadow & Topu Bay – Haeska shore, towel and islets      |
| 8.00-19.00 | <b>Lahemaa National Park:</b> Palmse manor – Ilumäe – Oandu nature trail – Altja cultural heritage – erratic boulders – Võsu summer resort – Käsmu coastal heritage – Muuksi stronghold hill– Viru bog |
| 8.00-17.00 | <b>Põhja-Kõrvemaa Nature Reserve:</b> Venemäe hiking trail – Mustjärve – Paukjärve – Suursoo hiking trail and towel – Järvi lakes  |

NB. The conference programme may be subject to changes. For an updated version, please visit [http://www.ncbeyond2010.eu/Preliminary\\_programme\\_18.htm](http://www.ncbeyond2010.eu/Preliminary_programme_18.htm)



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## Practical Information

### Costs

EUROPARC Nordic Baltic Section will cover all costs related to the seminar and conference, including accommodation, transportation between the hotel and conference venues, meals and refreshments – except lunch Thursday 27.

### Travel

Participants will have to arrange and pay travels to and from Tallinn by themselves. NB that this includes airport transportation.

### Accommodation

If you wish to stay longer than 25-29 May, please contact the hotel directly. Costs for additional nights are to be covered by yourselves.

### Contacts and information

Please, do not hesitate to contact organisers Kalev Sepp ([kalev.sepp@emu.ee](mailto:kalev.sepp@emu.ee)) or Maaria Semm ([maaria@emu.ee](mailto:maaria@emu.ee)) with any further questions you might have. Or EUROPARC Nordic-Baltic Section coordinator Lena Malmström ([lena.malmstrom@naturvardsverket.se](mailto:lena.malmstrom@naturvardsverket.se))

***Warmly welcome! We look forward to seeing you in Estonia!***

***Best regards,***

#### ***Kalev Sepp***

Head of the Scientific Committee  
Nature Conservation beyond 2010  
Estonian University of Life Sciences  
[kalev.sepp@emu.ee](mailto:kalev.sepp@emu.ee)

#### ***Lena Malmström***

Coordinator  
EUROPARC Nordic-Baltic Section  
[lena.malmstrom@naturvardsverket.se](mailto:lena.malmstrom@naturvardsverket.se)





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## Useful Links

**Meriton Grand Conference and Spa** [http://www.grandhotel.ee/conference\\_grand/](http://www.grandhotel.ee/conference_grand/)

Paldiski mnt. 4 10149 Tallinn

Maps and directions to the hotel [http://www.grandhotel.ee/conferenceandspa\\_map/](http://www.grandhotel.ee/conferenceandspa_map/)

**Matsalu National Park** <http://www.matsalu.ee/?id=739>

**Coastal Meadow Management in Estonia, Best Practice Guidelines**

[http://ec.europa.eu/environment/life/project/Projects/files/brochure/Coastal\\_Meadow\\_Preservation\\_in\\_Estonia.pdf](http://ec.europa.eu/environment/life/project/Projects/files/brochure/Coastal_Meadow_Preservation_in_Estonia.pdf)

**Tuulingu holiday house** <http://www.tuulingu.ee/pgs/eng/index.html>

**Vihterpalu Manor** <http://www.estonianhotels.ee/restaurants/vihterpalu-manor/>

**Nature Conservation Beyond 2010** <http://www.ncbeyond2010.eu>

**KUMU Art Museum** <http://www.ekm.ee/>

Weizenbergi 34 /Valge 1, 10127 Tallinn

**National Library of Estonia** [http://www.nlib.ee/?set\\_lang\\_id=2](http://www.nlib.ee/?set_lang_id=2)

Tõnismägi 2, 15189 Tallinn

**Keskkonnaamet (in Estonian)** <http://www.keskkonnaamet.ee/>

**Environmental Board: Who? What? How?**

[http://www.keskkonnaamet.ee/public/images/stories/trukised/KK\\_amet\\_sisu\\_40lk\\_ENG.pdf](http://www.keskkonnaamet.ee/public/images/stories/trukised/KK_amet_sisu_40lk_ENG.pdf)

**Estonian University of Life Sciences** <http://www.emu.ee/en/>

**Nordic Council of Ministers** [http://www.norden.org/en?set\\_language=en](http://www.norden.org/en?set_language=en)

**EUROPARC Nordic-Baltic Section** <http://www.europarc-nb.org/>

**World Commission on Protected Areas (WCPA)**

[http://www.iucn.org/about/union/commissions/wcpa/wcpa\\_overview/wcpa\\_about/](http://www.iucn.org/about/union/commissions/wcpa/wcpa_overview/wcpa_about/)



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## Participants

### Denmark

1. Claus Helweg Ovesen, Roskilde University/Aamosen Nature Park, Denmark
2. Jan Woolhead, Region Zealand, Denmark

### Estonia

3. Leelo Kukk, Estonian Environmental Board, Estonia
4. Ilona Lepik, Estonian Environmental Board, Estonia
5. Annely Reinloo, Estonian Environmental Board, Estonia
6. Maire Toming, Estonian Environmental Board, Estonia
7. Kaja Lotman, Environmental Board, Estonia
8. Teet Koitjärv, Estonia
9. Egle Kaur, Tartu University, Estonia
10. Maarja Semm, Estonian University of Life Sciences, Estonia

### Finland

11. Kari Lahti, Metsähallitus, Natural Heritage Services, Finland
12. Risto LASSI Karivalo, Metsähallitus, Natural Heritage Services, Finland
13. Liisa Nikula, Metsähallitus, Natural Heritage Services, Finland
14. Rauno Väisänen, Metsähallitus, Natural Heritage Services, Finland

### Iceland

15. Olafur A. Jonsson, Environment Agency of Iceland

### Latvia

16. Rolands Auzins, Nature Conservation Agency, Latvia
17. Martins Ziverts, Gauja National Park, Latvia
18. Janis Strautnieks, Nature Conservation Agency, Latvia
19. Valerijs Seilis, Nature Conservation Agency, Latvia
20. Erika Klavina, Nature Conservation Agency/Kemeri National Park, Latvia

### Lithuania

21. Vytautas Stonys, Tytuvėnai Regional Park, Lithuania
22. Edita Paspiešinskaitė, Kursiu Nerija National Park, Lithuania

### Sweden

23. Lena Sundin Rådström, Swedish Environmental Protection Agency, Sweden
24. Christer Persson, Skåne County Administrative Board, Sweden

### Nordic Council of Ministers

25. Jannica Pitkänen-Brunnsberg, Terrestrial Ecosystem Group (TEG), Nordic Council of Ministers

### EUROPARC

26. Morwenna Parkyn, EUROPARC Federation
27. Thomas Hansson, EUROPARC Nordic-Baltic Section, Sweden
28. Lena Malmström, EUROPARC Nordic-Baltic Section, Sweden

