



EUROPARC Nordic-Baltic Section Seminar
Ecosystem Services in Protected Area Management
May 3-5, 2011
Kristianstads Vattenrike Biosphere Reserve, Sweden

This seminar is organised by the EUROPARC Nordic-Baltic Section and funded by the Nordic Council of Ministers.

Programme

(More information about the speakers at the end of the programme.)

Tuesday 3 May

- 16.00– Hotel check-in opens
- 17.00 Welcome reception. We meet upstairs in the visitor centre naturum Vattenriket: Welcome and introductions over a glass of wine and snacks. (NB. Wear good shoes and a warm sweater, jacket – we'll be outdoors later!)
- 18.30 Guided tour of the naturum Vattenriket exhibition.
- 19.30 Bus to Sånarna, where the poor soils have been cultivated at least since the Bronze Age. Today, it is a favourite area of the Natterjack Toad (*Epidalea calamita*/*Bufo calamita*). The sandy soils also harbour an interesting flora and insect fauna. Anders Hallengren from the Skåne County Administrative Board is our guide.

Wednesday 4 May:

Location: visitor centre naturum Vattenriket

NB the time!

- 8.30 -8.45 Introduction by Thomas Hansson, president EUROPARC Nordic-Baltic Section**
- 8.45 – 9.45 **Kristianstad Vattenrike Biosphere Reserve in an ecosystem services perspective.** Presentation by Sven-Erik Magnusson.
Implementing ecosystem services and the ecosystems approach means integrating the ecosystem services perspective into all aspects of work – all the way from overarching management plans to daily duties, whether they be monitoring of water quality, maintenance of pathways, guiding visitors or in contacts with local farmers and ecotourism businesses. Sustaining the ecosystem capital for future generations is the underlying and long term goal that permeates all management efforts in Kristianstad Vattenrike Biosphere Reserve.
- 09.45 - 10.15 Coffee break



10.15 - 10.45 **Keys to successful management of ecosystem services: Lessons learned from Kristianstad Vattenrike and other biosphere reserves.** Presentation by Lisen Schultz

10.45 - 12.00 **Opportunities and challenges of applying the ecosystem service concept on the ground.** Group discussion and exercise facilitated by Lisen Schultz

1. Plenary discussion: General reflections from the group.
2. Group discussion and exercise: We will divide into groups according to landscape types, with the aim of learning from each other's successes and failures of working with ecosystem services in your specific context. The break-out group discussion will be organised around two tasks:
 - Responding to the questions collectively. What are the ecosystem services, who are the managers, and who are the users in this specific landscape type?
 - Sharing successes and failures. What are some examples of how you can work as a manager to safeguard ecosystem services in this type of landscape? What challenges arise, and how can you deal with these?
3. Plenary discussion: The groups report back the issues that they would like to share with the larger group.

In preparation for this session, please give the following questions some thought:

- *What are the important ecosystem services in my protected area (i.e., what are the benefits that ecosystems of my protected area provide to people?)*
- *Who are the major stakeholders who either use or manage these services?*
- *What efforts have you and your colleagues made to safeguard those services? Please try to identify one project that you think was really successful, and one that was really challenging. (No need to write anything down, just bring your ideas to the seminar).*

12.00 – 13.00 **Lunch**

13.00-17.00 **Excursion to Håslövs ängar**

We visit the lake shore meadows at Håslöv together with Hans Cronert, ecologist and nature conservationist in Kristianstad Vattenrike since 20 years, and Lennart Waldemarsson, the farmer whose role as a local steward of biodiversity and ecosystem services is crucial to the protected area management. We get an excellent opportunity to discuss the relationship between biodiversity and ecosystem services: What ecosystem services are provided? Who benefits from them? How are different stakeholders important to this process?

The nature reserve is located on a peninsula in Lake Hammarsjön. Species such as Black-tailed Godwit (*Limosa limosa*) and Great Snipe (*Gallinago media*) are found here.

19.00 **Dinner** at Café Miró, where chef Anita Zieme takes pride in serving organic food, based on locally produced ingredients according to season. The restaurant is located in the Regional Museum in Kristianstad and the Centre of Contemporary Art.



Thursday May 5:

- 06.30 – 8.00 **Bird watching** by bike with Hans Cronert. Meeting point: Outside the hotel – *no later than 6.30!*
- 8.00 – 9.00 Breakfast and walk to seminar venue: Skåne County Administrative Board , Östra Boulevarden 62 A. Room: “Sessionssalen” (3rd floor)
NB. Please make sure to be there a few minutes before, since you’ll have to sign in at reception!
- 9.00 – 9.15 **Brief summary of yesterday’s discussions.** Thomas Hansson with input from participants.
- 9.15 – 10.00 **Money talks – the value of ecosystem services in monetary terms.**
Åsa Soutukorva, environmental economist, Enveco Environmental Economics Consultancy Ltd., explains how ecosystem services can be valued in monetary terms, and the methods available. By use of real life cases, she shows how these values can be used and communicated to decision makers, planners and others.
- 10.30 – 11.30 Co-management and communication: Getting everybody working together.**
John Higson, award winning entrepreneur and keynote speaker, shares his experiences of creating and managing sustainable empowerment platforms based on cooperation between many different stakeholders and backgrounds: ordinary people, politicians, decision makers and other stakeholders.
- 11.30 – 16.30 Excursion to Tvillingaboden by the sea and lunch.**
Involvement of the local community is a requirement for true sustainability in and around protected areas. For local businessmen and stakeholders, this often means that multitasking is necessary. At the “Tvillingaboden” fishing cabin, we are met by Maria Blombärg and Hans Inge Olofsson, eel fisherman and -woman, artists, restaurateurs, tourism entrepreneurs.
- Claes Bergkvist, president of the Eel Academy presents the **Fish & Save project**, where fishermen, fish mongers, researchers, power companies and policymakers strive to save the red-listed eel (*Anguilla anguilla*) by means of some rather unusual methods. The results seem good for the eels and good for those whose income is related to both eel fishing and tourism. Does this mean it is possible to combine the safeguarding of biodiversity - in this case a red-listed species - and private business?
- 16:00 Meeting ends.**
(The bus drops us off at the hotel where we can pick up our bags. There is a train leaving Kristianstad C at e.g. 16.30. Arrival at Copenhagen Kastrup Airport 17.54)

More about our key note speakers

Sven-Erik Magnusson: Coordinator of the Kristianstads Vattenrike Biosphere Reserve and Head of the Biosphere Office. Sven-Erik is the initiator of the biosphere reserve, which embraces conservation of landscape, ecosystem and species; sustainable economic and societal development and supports research and education. A forerunner in promoting cooperation between protected area management, policymakers, businesses and farmers in nature conservation.



Lisen Schultz: Researcher at Stockholm Resilience Centre with focus on ecosystem services, biodiversity and governance. She highlights the importance of adaptive co-management in biodiversity conservation and ecosystem management. She has compared Kristianstad Vattenrike with other biosphere reserves around the world. Read more about Lisen:

<http://www.stockholmresilience.org/seminarandevents/seminarsandevents/nurturingresilienceinsocialecologicalsystems.5.244c2f8e120dce4c6af800022320.html>

Åsa Soutukorva, environmental economist, Enveco Environmental Economics Consultancy Ltd., discusses methods that are used to value ecosystem services in monetary terms. By use of cases from Sweden and the world, she shows how these methods can be implemented and used to influence policy making. Read more about Åsa Soutukorva here <http://www.enveco.se/?open=8&page=8>

John Higson is an award winning entrepreneur and keynote speaker on empowerment and sustainability. He creates and manages sustainable empowerment platforms based on cooperation between ordinary people, politicians, decision makers and other stakeholders. He is currently running a project with the City of Stockholm to make sustainable use of wasted spaces in cities. The first development is an eco-restaurant and conference centre designed by 25 environmental technology companies, artists and local people. He is also building Sweden's first consumer owned eco-farm together with consumers, farmers, environmental technology companies and entrepreneurs. The same team is currently developing south-east Asia's first eco-region. For info see www.wastedspace.se, www.100hus.com, www.dromgarden.nu

Practical information

Seminar venues

1. Kristianstads Vattenrike Biosphere Reserve visitor's centre, "naturum Vattenriket", Härlövsängaleden 2, 291 59 Kristianstad. How to get there:

On foot: Naturum Vattenriket is located approx. 400 metres from the railway station. From the station, walk south towards the park "Tivoliparken". Pass the railway tracks. Now you will see the building across the river. Follow the walking and cycle path over the bridge and you'll be there in no time!

By car: The parking lot is located west of the visitors' centre and river. Get there by means of the road "Härlövsängaleden", which you enter just north of Härlöv industrial area ("Härlövs industriområde").

2. Skåne County Administrative Board, Östra Boulevarden 62 A.

Walking from the Hotel Bishop's Inn to the County Administrative Board takes approximately 12-15 minutes.

Maps

Overview, all locations:

<http://maps.google.com/maps/ms?ftr=0&ie=UTF8&hl=sv&msa=0&msid=207620257818465747073.00049ad43877b81c61730&ll=56.035993,14.147472&spn=0.021146,0.055017&z=14>



Kristianstads Vattenrike Biosphere Reserve

In 2005, Kristianstads Vattenrike, the “kingdom of water”, was recognised by UNESCO as a Biosphere Reserve - an area that demonstrates a balanced relationship between man and nature. Since then, the Kristianstads Vattenrike Biosphere Reserve has gained international renown for its integrated management approach to tackle the practical challenges of combining nature conservation with development.

The biosphere area includes the greater part of the municipality of Kristianstad, from the forests to Hanöbukten Bay with the rich wetlands of the River Helge å and the town of Kristianstad at its heart. Nature and human society are naturally integrated. The area’s natural values depend on cultivation (grazing and hay-making) and on the annual floods. Parts of it constitute a RAMSAR wetland area.

While there are projects for the conservation of individual species (such as the European catfish, the white stork and threatened amphibians), the primary focus is on preserving the natural values of landscapes and ecosystems through collaboration with local farmers who tend the hayfields, pastures and sandy grasslands. Many nature conservation projects have been conducted in collaboration with the County Administrative Board, WWF Sweden, landowners and local associations. Broad cooperation is important for all parties.

Useful Links

Kristianstads Vattenrike Biosphere Reserve <http://www.vattenriket.kristianstad.se/eng/index.php>

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

Nordic Council of Ministers http://www.norden.org/en?set_language=en

UNESCO Man and the Biosphere Programme <http://www.unesco.org/new/en/natural-sciences/environment/ecological-sciences/man-and-biosphere-programme/about-mab/>

Recommended reading

Shepherd, Gill (2004). *The Ecosystem Approach: Five Steps to Implementation*. IUCN, Gland, Switzerland and Cambridge, UK. vi + 30pp.

http://www.iucn.org/about/union/commissions/cem/cem_resources/index.cfm?uNewsID=373

Swedish Environmental Protection Agency Report no. 5872. February 2009. *What’s in the Sea for Me? Ecosystem Services Provided by the Baltic Sea and Skagerrak*

<http://www.naturvardsverket.se/Documents/publikationer/978-91-620-5872-2.pdf>

TEEB for Local and Regional Policy Makers Report - Part IIIa: The Practice/Chapter 7: Ecosystem Services and Protected Areas [http://www.teebweb.org/Portals/25/Documents/TEEB_D2_PartIIIb-ForUpload\[1\].pdf](http://www.teebweb.org/Portals/25/Documents/TEEB_D2_PartIIIb-ForUpload[1].pdf)

Wetlands Ecosystem Services – an introduction. Ramsar Convention on Wetlands Information Pack (10 fact sheets) http://www.ramsar.org/cda/en/ramsar-pubs-info-ecosystem-services/main/ramsar/1-30-103%5E24258_4000_0

Further reading

The full TEEB for Local and Regional Policy Makers Report is available for downloading here

<http://www.teebweb.org/ForLocalandRegionalPolicy/LocalandRegionalPolicyMakersChapterDrafts/tabid/29433/Default.aspx>



Participants

	First name	Last name	Organisation	Country
1	Sari	Alatossava	Metsähallitus/ Natural Heritage Services	Finland
2	Christina	Anderson	Freelance journalist	Sweden
3	Hasse	Berglund	Swedish Environmental Protection Agency	Sweden
4	Cheng	Chang	Department of Landscape Architecture, SLU	Sweden
5	Claudia	Danau	RNP Romsilva-Retezat National Park Administration R.A.	Romania
6	Arne	Halling	Kristianstad University	Sweden
7	Thomas	Hansson	EUROPARC Nordic-Baltic Section	Sweden
8	Ha Thi	Hoang	Greifswald University	Germany
9	Ingemar	Jönson	Kristianstad University	Sweden
10	Erika	Klavina	Nature Conservation Agency	Latvia
11	Freddy	Kristensson	Skåne County Administrative Board, Kullaberg Nature Reserve	Sweden
12	Karen	Lagercrantz	Skåne Association of Local Authorities	Sweden
13	Johan	Lammerant	ARCADIS BELGIUM	Belgium
14	Paul	Leadbitter	North Pennines AONB Partnership	UK
15	Lena	Lundevaller	County Administration of Västerbotten	Sweden
16	Karin	Magntorn	Kristianstad Vattenrike Biosphere Reserve, naturum Vattenriket	Sweden
17	Ola	Magntorn	Kristianstad University	Sweden
18	Lena	Malmström	EUROPARC Nordic-Baltic Section	Sweden
19	Mirjana	Nicolic	Institute for Nature Conservation of Serbia	Serbia
20	Catharina	Oksen	Guldborgsund Kommune	Denmark
21	Claus Helweg	Ovesen	Roskilde University	Denmark
22	Cristian	Papp	WWF Danube Carpathian Region	Romania
23	Patrik	Rein	Skåne County Administrative Board, Kullaberg Nature Reserve	Sweden
24	Nenad	Stavretovic	Institute for Nature Conservation of Serbia	Serbia
25	Wilhelm	Steingrube	Greifswald University	Germany
26	Maria	Thordarson	Västra Götaland County Administrative Board	Sweden
27	Jan	Veenstra	Staatsbosbeheer	Netherlands
28	Daniel	Åberg	Skåne County Administrative Board, Kullaberg Nature Reserve	Sweden