



## 15th Nordic Conference on Reindeer and Reindeer Husbandry Research

*Reindeer husbandry and the surrounding world, January 26-29, 2009*

### Monday 26 January

#### Arrival

10.00-12.00 Registration and mounting of posters

**12.00-13.00 Lunch**

**13.00-13.30 Conference Opening**

#### Session I - Climate change consequences for reindeer husbandry, Moderator: B Åhman

13.30-14.15 **Key note:** Bruce Forbes, Contrasting reindeer management regimes in Fennoscandia and Nenets regions of Russia: Implications for adaptation to climate and land use change

short break

14.20-14.40 Henrik Lundqvist, Large-scale productivity determinants of reindeer husbandry in Sweden

14.40-15.00 Anna Jonsson Cabrajic, Predicting growth of mat-forming lichens in Northern Scandinavia using models as potential tools for management of lichen-rich habitats

**15.00-15.30 Coffee**

15.30-15.50 Henrik Lundqvist, Preconditions for the reindeer husbandry in a progressing climate change

15.50-16.10 Bernt Holst, The reindeer industry at the climate turning point?

16.10-16.30 Terhi Vuojala-Magga, Resonance strategies of Sámi reindeer herding during climatically exceptional years in 1960-2007

**16.45-18.45 Workshop: Climate change consequences and adaptations, Moderator: J Moen**

**19.00 Dinner**

### Tuesday 27 January

#### Session IIa - Infrastructural disturbances and habitat loss, Moderator: P Soppela

08.30-09.15 **Key note:** Ingunn Ims Vistnes, Reindeer husbandry adaptation strategies for loss of grazing land and climate change

short break

09.20-09.40 Sonja Kivinen, Effects of forestry on the winter grazing resources of reindeer in Sweden

09.40-10.00 Patrik Lantto, Reindeer husbandry, hydroelectric power development and reindeer husbandry research – a history

10.00-10.20 Sindre Eftestøl, Do windmill parks affect the range use of free ranging semi-domestic reindeer?

**10.20-10.50 Coffee**

- 10.50-11.10 Jonathan E. Colman, The effect of large (300 and 420 kV) power lines on free-ranging, migratory and herded reindeer
- 11.10-11.30 Timo Kumpula, Ecological implications of petroleum industry to Nenets reindeer herding in Yamal Peninsula, Arctic Russia
- 11.30-11.50 Ivar Lie, Cabin building in reindeer herding areas – municipal planning processes and the participation of reindeer interests
- 11.50 12.15 **Poster speed talks Session I-III, poster nr 1-8**, Moderator: A Olofsson
- 12.15-13.15 Lunch**
- Session III - Depredation consequences for reindeer industry**, Moderator: R Haugerud
- 13.15-14.00 **Key note:** Öje Danell, Wild predators but tame prey – consequences of large predators on reindeer industry
- short break
- 14.05-14.25 Henrik Andrén, Compensation for predator killed reindeer and lynx survey
- 14.25-14.45 John Odden, Kill rates of Eurasian lynx on semi-domestic reindeer in Norway and Sweden
- 14.45-15.05 Jens Persson, Lynx - wolverine interaction and predation on reindeer
- 15.05-16.00 Coffee and poster viewing**
- 16.00-16.20 Harri Norberg, The impact of large carnivores on the mortality of reindeer in Kuusamo area
- 16.20-16.40 Öje Danell, Economic consequences of the large predators for the reindeer industry in Sweden
- 16.40-17.00 Svein Morten Eilertsen, Evaluation of preventive efforts against loss of reindeer to predators in Norway
- 17.10-19.00 Workshop: Preventive measures against depredation**, Moderator: S M Eilertsen
- 19.00 Dinner**

## Wednesday 28 January

- Session IIb - Infrastructural disturbances and habitat loss**, Moderator: M Nieminen
- 08.30-08.50 Jouko Kumpula, Different land use pressures and the present state of reindeer winter ranges in northernmost Finland
- 08.50-09.10 Anna Skarin, Use of reindeer habitat selection models in environmental assessment
- 09.10-09.40 **Poster speed talks Session IV-V, poster no 9-19**, Moderator: H Lundqvist
- 09-40-10.45 Coffee and poster viewing**
- Session IVa – General**, Moderator: H Norberg
- 10.45-11.05 Gregory Finstad, Nutritional mapping of grazing areas using nutrient and fiber profiles of reindeer forage plants of the Seward Peninsula, Alaska
- 11.05-11.25 Birgitta Åhman, Female body mass variation as indicator of nutritional status in the reindeer herd
- short break

- 11.30-11.50 Anna Olofsson, Slaughter records as indicator of changes in reindeer herd condition
- 11.50-12.10 Eva Wiklund, Seasonal variation in meat quality attributes from Alaska reindeer and New Zealand red deer

**12.10-13.10 Lunch**

**Session V - Reindeer industry, conflicts and development of society, Moderator: J Colman**

- 13.10-13.55 **Key note 1:** Steinar Bryn, Dialog as a tool in conflict resolution

short break

- 14.00-14.45 **Key note 2:** Johnny-Leo Jernsletten, Inside or outside? An academic reflection of the position of reindeer husbandry in the majority society

**14.45-15.15 Coffee**

- 15.15-15.35 Ari Laakso, The symbolic capital of reindeer husbandry: The importance of a large herd

- 15.35-15.55 Frode Gundersen, The dispute about the legislation concerning reindeer herding in Norway and Sweden

short break

- 16.00-16.30 Øyvind Ravna, Use of land consolidation in Sami reindeer husbandry areas

- 16.30-16.50 Arvid Holte, National parks and reindeer management in Norway

- 16.50-17.10 Åsa Nordin, From conflict to co-management – The small-game-hunting in the region of Ammarnäs

**18.30 Conference dinner**

## Thursday 29 January

**Session IVb – General, Moderator: E Wiklund**

- 09.00-09.20 Mauri Nieminen, Reindeer husbandry problems in inner Mongolia, China

- 09.20-09.40 Gro Bjørnstad, Genetic profile of domestic reindeer of Northern Fennoscandia through a century

- 09.40-10.00 Carlos Goncalo das Neves, Cervid herpesvirus 2 causes respiratory and fetal infections in semi-domesticated reindeer

**10.00-10.30 Coffee**

- 10.30-10.50 Natasa Djakovic, Females' spatial organisation during rut

- 10.50-11.10 Berit Inga, Is traditional ecological knowledge important to the reindeer herding industry?

**11.10-11.30 Closing the conference**

**11.30-12.30 Lunch**

- 12.30-14.30 Post conference workshop: Telemetry, GPS and GIS, Moderators: A Skarin & H Lundqvist**