

PROGRAM

SUMMER SCHOOL + CONFERENCE

Sunday, 12 August 2012

15:00 -	Arrival day: Organization of rooms, loading of presentations
19:00-22:00	Soup and salad available in canteen

Monday, 13 August 2012

DATA MANAGEMENT		
8:00	Breakfast in canteen	
8:45	Welcome & Outline of the course	Harry P. Andreassen & Bram Van Moorter
9:15	Wildlife tracking data: Data structure & management requirements	Francesca Cagnacci
10:15	Coffee Break	
10:30	Data management: theory & solutions	Ferdinando Urbano
12:00	Lunch in canteen	
13:00	DEMO: Setting up a SpatiaLite database	Mathieu Basille & Ferdinando Urbano
14:45	Coffee Break	
Session chair Mike Ferguson		
15:00	Wolf movements in relation to roads: a trade-off acting at different temporal-spatial scales	Barbara Zimmermann
15:20	Using (non-moving) pellet group counts to illustrate changes in reindeer habitat use in a rural industrial landscape	Anna Skarin
15:40	Habitat modeling of free-ranging ungulates using culling data: example with red deer in Slovenia	Matija Stergar
16:00	Acceleration data – a jungle of numbers or an opportunity for improving habitat analysis?	Max Kröschel
16:30	Coffee Break	
Session chair Peter Sunde		
16:45	Additive female costs in rearing offspring: It is not only a matter of lactation	Ulrika Bergvall
17:05	Territorial replacement and dispersal in wolverine females	Malin Aronsson
17:25	Effects of temperature and density on individual growth of trout	Kim Magnus Bærum
17:45	Linking habitat and demography in a large carnivore guild	Geir Rune Rauset
18:30	Welcome barbeque with whole grilled reindeer!	

Tuesday, 14 August 2012

DATA INSPECTION & TRAJECTORIES		
8:00	Breakfast in canteen	
9:00	Animal trajectories	Bram Van Moorter
10:15	Coffee Break	
10:30	DEMO: Trajectory analysis	Bram Van Moorter
12:00	Lunch in canteen	
13:00	DEMO: GIS	Anne Ghisla
14:45	Coffee Break	
Session chair Jos Milner		
15:00	Diurnal variation in behaviour of pink-footed geese (<i>Anser brachyrhynchus</i>) during spring migration in Trøndelag, Norway	Magda Chudzinska
15:20	Factors driving variation in movement rate and seasonality of sympatric ungulates	Floris van Beest
15:40	Population viability analysis of Swedish rock ptarmigan	Degitu Borecha
16:00	Brown bear thermoregulation: seasonal variation and response to stressors assessed by combined biologging techniques	Alina Evans
16:20	Temporal and spatial predictors of habitat selection in a generalist predator, the little owl	Peter Sunde
17:00	Poster session	
18:00	Dinner in canteen	
19:30	Calculations with moving objects in databases	Ralf Güting

Wednesday, 15 August 2012

ANIMAL HOME RANGES		
8:00	Breakfast in canteen	
9:00	Statistical home range estimation	Luca Borger
10:15	Coffee Break	
10:30	Mechanistic home range modeling	Paul Moorcroft
11:30	DISCUSSION: Statistical vs. mechanistic home ranges	Luca Borger & Paul Moorcroft
12:00	Lunch in canteen	
13:00	DEMO: Statistical home range estimation	Luca Borger
14:45	Coffee Break	
Session chair Christina Skarpe		
15:00	Using hurdle models to create maps of prey distributions in southeastern Norway	Yaëlle Bouyer
15:20	Everything is relative – or what? How to calculate total step selection probabilities	Gundula Bartzke
15:40	Spatial interactions between marine predators and their prey: are mackerel and harbour porpoise distributions driven by herring abundance?	Signe Svegaard
16:00	Integrated management of moose and forestry	Karen Marie Mathisen
16:20	Hunters attitude to introduction of a new small game hunting regime – a Norwegian case study	Jo Inge Breisjøberget
16:40	Coffee break	
Session chair Floris M. van Beest		
16:55	Tracking brown trout and pike in a biocontrol experiment	Karl Ø. Gjelland
17:15	Use of geolocators in seabird spatial ecology	Børge Moe
17:35	Wireless Sensor Network applied to animal ecology: a new tool to explore individual behaviour	Federico Ossi
17:55	Mapping hiding cover for roe deer – a basis for habitat selection	Karen Lone
18:15	Spatio-temporal collision risk in white-tailed eagles with onshore wind turbines using 3D Brownian bridge simulations	Roel May
19:00	Dinner in canteen	
20:00	DEBATE: Bayesian vs. frequentist statistics	
20:30	Volleyball!	

Thursday, 16 August 2012

ANIMAL HABITAT SELECTION		
8:00	Breakfast in canteen	
9:00	Ecological Niche Factor Analysis (ENFA)	Mathieu Basille
10:15	Coffee Break	
10:30	Resource Selection Functions (RSF)	Mark Boyce
11:30	DISCUSSION:GNESFA vs. RSF	Mathieu Basille & Mark Boyce
12:00	Lunch in cantina	
13:00	DEMO: ENFA	Mathieu Basille
14:45	Coffee Break	
15:00	DEMO: RSF	Mark Boyce & Evelyn Merrill
18:00	Dinner in canteen	
20:00	Volleyball!	

Friday, 17 August 2012

DISCUSSIONS & APPLICATION		
8:00	Breakfast in canteen	
9:00	Hierarchical habitat selection: from large-scale RSF to small-scale SSF	Hawthorne Beyer
10:15	Coffee Break	
10:30	Space use studies for applied research	Mark Boyce
12:00	Lunch in canteen	
13:00	Departure	

LIST OF PARTICIPANTS

Name	Affiliation
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