

7th IRSAE Summer School

7 – 11 August 2017, Evenstad, Norway



International Research School
in Applied Ecology

Welcome to the 7th IRSAE Summer School!

It is a pleasure to have you at Evenstad for the 7th August Summer School in Applied Ecology, as part of the International Research School in Applied Ecology (IRSAE). We are currently reorganizing IRSAE into smaller and more functional working groups, to facilitate discussions and exchanges of ideas among PhD candidates within similar sub-fields of applied ecology. The themes reflect what the PhD candidates in the network identify their research with, and the working groups will be organized by experts from the different partner institutes. We believe this reorganization will strengthen the cooperation among the PhD students from the different partners, and enable PhD students to lead discussions, exchange ideas, promote their research and create a strong research network that will persist after their PhD project. Our plan is to direct more resources toward working group activities in the future.

We will use the summer school this year to “kick-off” these themes, and for the PhD candidates to get to know other members of the network with similar research interests. This summer school will take the form of a conference, with, for each theme, a keynote speaker, general lecture and workshop. Each theme will be spread over the whole week (i.e. **no** parallel sessions) and participants are encouraged to attend all presentations, discussions and workshops, including those from other themes.

We have scheduled several theme-meetings during this week and each theme should develop a proposal of a theme related activity, or several for the upcoming year. The board will review the proposals, which will be granted accordingly. The deadline for proposals is 25th August 2017. The current themes are just suggestions, new themes can be proposed, but should consist of at least 6 PhD students and 2 senior researchers.

We hope you have a great week here at Evenstad, and we look forward to reading the proposals!

The IRSAE secretariat
Evenstad, August 2017

Themes for the week

1. Movement Ecology

Theme leaders: Francesca Cagnacci (Fondazione Edmund Mach), Øyvind Steifetten (University College of Southeast Norway) and Erlend Nilsen (Norwegian Institute for Nature Research).

2. Future Management of Ecosystem Services

Theme leaders: Harry Andreassen (Inland Norway University of Applied Sciences) and Anna Gudrun Thorhallsdottir (Agricultural University of Iceland).

3. Freshwater Ecology

Theme leaders: Jon Museth (Norwegian Institute of Nature Research) and John Piccolo (Karlstad University).

4. Understanding and Managing Biodiversity Conflicts

Theme leaders: Steve Redpath (Aberdeen University) and Henrik Andrén (Swedish University of Agricultural Sciences).

5. Climate Change Ecology

Theme leaders: Tøke Thomas Høye (Aarhus University), Jane Jepsen (Norwegian Institute for Nature Research) and Rolf Anker Ims (The Arctic University).

Where

The Summer School will be arranged at Campus Evenstad, Inland Norway University of Applied Sciences, Norway, from 7–11 August 2017.



Program

Day	Time		Location
Sunday	15.00 – 22.00	Arrival	
	17.00 – 19.00	Theme leader meeting	White room
	19.00 – 22.00	Dinner	Cantina
Monday	07.00 – 09.00	Breakfast and registration Moderator: Harry Andreassen	Cantina
	09.15 – 09.30	Welcome and orientation – Harry Andreassen (Chair IRSAE)	Conference room
	09.30 – 10.30	General lecture “Movement Ecology” – Francesca Cagnacci (FEM)	Conference room
	10.30 – 10.45	Break – fruit/coffee	
	10.45 – 11.45	General lecture “Understanding and managing biodiversity conflicts” – Steve Redpath (University of Aberdeen)	Conference room
	12.00 – 13.00	Lunch Moderator: Steve Redpath	Cantina
	13.15 – 15.15	Workshop - Movement Ecology – Francesca Cagnacci (FEM)	Conference room
	15.15 – 15.30	Break – fruit/coffee	
	15.30 – 16.30	Keynote – Future Management of ecosystem services - Tord Snäll (SLU) “ <i>From patterns today to dynamics into the future</i> ”	Conference room
	16.45 – 18.00	Oral presentations – PhD students – Øyvind Steifetten (USN)	Conference room
	18.00 – 19.00	Poster session – PhD students	Conference hall
	19.30 –	Welcome BBQ-dinner – Snacks, beer, wine and lemonade provided	Cantina
Tuesday	07.00 – 08.00	Breakfast Moderator: Olivier Devineau	Cantina
	08.15 – 09.15	General lecture “Future management of ecosystem services” – Anna Gudrun Thorhallsdottir (Agricultural University of Iceland)	Conference room

	09.15 – 09.30	Break – fruit/coffee	
	09.30 – 11.30	Workshop – Future management of ecosystem services – Harry Andreassen (Inland Norway University)	Conference room
	12.00 – 13.00	Lunch	Cantina
		Moderator: Jon Museth	
	13.15 – 14.15	Keynote – Movement Ecology – Øyvind Steifetten (University College of Southeast Norway) and Erlend Nilsen (NINA) <i>“Sex ratios and their effect on population dynamics and genetics”</i>	Conference room
	14.15 – 14.30	Break – fruit/coffee	
	14.30 – 15.30	General lecture “Freshwater Ecology” – Jon Museth (NINA) <i>“How critical is it to restore fish migrations in regulated rivers?”</i>	Conference room
	15.30 – 15.45	Break – fruit/coffee	
	15.45 – 16.05	Keynote– Freshwater Ecology – Denis Lafage <i>“Flooding: a key factor driving terrestrial arthropod assemblages”</i>	Conference room
	16.15 – 17.30	Theme-meeting – Tomas Willebrand (Inland Norway University)	Conference room
	18.00 – 19.30	Dinner – alcohol for sale	Cantina
Wednesday	07.00 – 08.00	Breakfast	Cantina
		Moderator: Toke Høye	
	08.15 – 09.15	Keynote lecture – Climate Change Ecology – Tom Oliver (University of Reading) <i>“Understanding and managing the impacts of climate change on wildlife”</i>	Conference room
	09.15 – 09.30	Break – fruit/coffee	
	09.30 – 10.30	General lecture “Climate Change Ecology” – Toke Høye (Aarhus University) <i>“Species responses to Arctic climate change”</i>	Conference room
	10.30 – 10.45	Break – fruit/coffee	
	10.45 – 12.45	Workshop – Freshwater Ecology – Jon Museth (NINA)	Conference room
	(11.00 – 12.45)	(Board meeting)	(Studiesamlingen)
	13.00 – 14.00	Lunch	Cantina

	14.15 – 16.15	Moderator: Francesca Cagnacci Workshop – Climate Change Ecology – Toke Høye (Aarhus University)	Conference room
	16.30 – 18.00	Theme-meeting	Conference room
	19.00 – 20:00	Dinner – alcohol for sale	Cantina
Thursday	07.00 – 08.00	Breakfast Moderator: Anna Gudrun Thorhallsdottir	Cantina
	08.15 – 09.15	Keynote – Understanding and managing biodiversity conflicts – John Linnell (NINA)	Conference room
	09.15 – 09.30	Break – fruit/coffee	
	09.30 – 11.30	Workshop – Understanding and managing biodiversity conflicts — Steve Redpath (University of Aberdeen) and John Linnell (NINA)	Conference room
	12.00 – 13.00	Lunch	Cantina
	13.00 – 18.00	Field trip: Hike to Tronkberget, wildlife-talk on the top – Torstein Storaas (Inland Norway University)	Tronkberget
	18.30 – 19.30	Theme meeting	Conference room
	20.0 –	Conference dinner – Snacks, beer and lemonade provided	Cantina
Friday	07.00 – 08.00	Breakfast, checkout by 08.00 for student dorms Moderator: Tomas Willebrand	Cantina
	08.15 – 09.15	Keynote – Inspirational lecture – John Linnell (NINA)	Conference room
	09.15 – 11.15	Theme summary and conclusions – each theme present their proposed theme related activities for the upcoming year	Conference room
	12.00 – 13.00	Lunch	Cantina

Posters

Posters can be handed to us when you register Monday morning. The poster session will be Monday from 18:00 – 19:00 outside the conference room.

Oral presentations

Monday 16:45 – 18:00 in the conference room:

- 16.45 – 17.00: Mekdes Ourge Wegasie (Norwegian University of Life Sciences)
 - 17.00 – 17.15: Mahdiah Tourani (Norwegian University of Life Sciences)
 - 17.15 – 17.30: Heather Hemmingmoore (Swedish University of Agricultural Sciences)
 - 17.30 – 17.45: Morten Tofastrud (Inland Norway University of Applied Sciences)
 - 17.45 – 18.00: Ainoa Pravia (University of Aberdeen)
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Main Contributors



Francesca Cagnacci

Senior Researcher, Fondazione Edmund Mach

Theme 1: Movement Ecology



Øyvind Steifetten

Associate Professor, University College of Southeast Norway

Theme 1: Movement Ecology



Erlend Nilsen

Senior Researcher, Norwegian Institute for Nature Research

Theme 1: Movement Ecology



Harry Andreassen

Dean, Inland Norway University of Applied Sciences

Theme 2: Future Management of Ecosystem Services



Anna Gudrun Thorhallsdottir

Professor, Agricultural University of Iceland

Theme 2: Future Management of Ecosystem Services



Tord Snäll

Professor, Swedish University of Agricultural Sciences

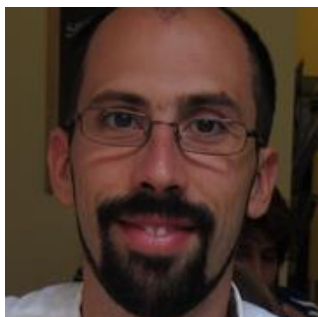
Theme 2: Future Management of Ecosystem Services



Jon Museth

Research Director, Norwegian Institute for Nature Research

Theme 3: Freshwater Ecology



Denis Lafage

Postdoc, Karlstad University

Theme 3: Freshwater Ecology



Steve Redpath

Professor, Aberdeen University

Theme 4: Understanding and Managing Biodiversity Conflicts



John Linnell

Senior Researcher, Norwegian Institute for Nature Research

Theme 4: Understanding and Managing Biodiversity Conflicts



Toke Tomas Høye

Senior Researcher, Aarhus University

Theme 5: Climate Change Ecology



Tom Oliver

Associate Professor, University of Reading

Theme 5: Climate Change Ecology

Practical information

Price (including participation, accommodation and food 6th-11th August):

- Students and research staff from IRSAE partner institutes: free (no course fee, accommodation and food will be provided on campus, travel costs will be refunded).
- Participants not associated with an IRSAE-member institution: 3000 NOK (including course fee, accommodation and food for 6th-11th August), travel costs not refunded.

For IRSAE PhD students: IRSAE will cover your travel expenses through your home institute upon receiving an invoice. This means that all you have to do is to make a travel claim to your home institute. The IRSAE contact person at your home institute will then make sure that a bill is issued from your home institute to IRSAE to refund your travel expenses associated with your trip. If you have any questions, please do not hesitate to contact henriette.gelink@inn.no.

Accommodation and meals

Accommodation is provided in the student dorms across the parking lot, and is included in the summer school price. Checkout is at 08:00, Friday 11th August, and keys should be returned to Henriette Gelink. Luggage could be stored in the White room until departure. Breakfast, lunch and dinner are also included in the price and will be served in the cantina every day (see program for time). You will be able to buy alcohol in the cantina every evening.

Excursion – hike to Trunkberget

It takes about 1,5 hours to hike from Campus Evenstad to the top. The first 30 minutes to the trail head is along gravel roads, and the next hour is on good trails. The elevation is 360m at the trail head and 680m at the top of Trunkberget. Torstein Storaas (Professor at Inland Norway University) will give an inspirational wildlife talk on the top. For the field trip, please bring good shoes (sneakers are fine), comfortable hiking clothes, sunglasses, water bottle, and waterproof jacket and pants. The August weather is normally nice in Norway, but you can never know for sure, be prepared for rain.

Wifi - You should all have access to the wireless network at campus:

1. Network: hihm-gjest
2. Open your web browser – registration page should appear
3. Register your name and phone number (include your national prefix, e.g. +46)
4. You will receive a text message with a one-time code, valid for 24h.

How to get to Evenstad

By plane

From Oslo Airport (Gardermoen) take the train to Evenstad. Check out the National Railway website for time tables (choose Oslo Lufthavn as departure station and Evenstad as destination). You will have to change trains in Hamar. The train ride normally takes 2.5 hours in total. **PS: there are very few train departures from Gardermoen to Evenstad Sunday 6th August, so make sure your flight corresponds with the train.**

Walk from Evenstad train station to Campus Evenstad

It takes 10 minutes to walk from Evenstad Station to Campus Evenstad. Take left on the main road (paved road), and after 100m take the first gravel road on the right. Continue straight ahead (past 2-3 houses on your left and fields on your right) to the end of the road where you will end up at a parking lot next to some buildings: you have arrived! Please contact henriette.gelink@inn.no/ +47 418 09 228 if you need assistance from the station to campus.

By car

From Oslo, follow E6 north in the direction of Trondheim. After 108km (or 1h and 10min), continue east on Rv3 in the direction of Tynset/Elverum/Trysil. After 30km you will arrive at a big roundabout in Elverum. Continue on Rv3 in the direction of Tynset (the 3rd exit in roundabout). After 72km on Rv3, make a right turn across the bridge to Evenstad. Make the first left turn straight after the bridge, and continue to the end of the road: you have arrived!



Course organizers/contact persons:

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Do not hesitate to contact us if you have any questions!

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