

EMSc 470W – CAUSE 2015 – SUSTAINABLE ENERGY IN SCANDINAVIA: ONE REGION, MANY CHOICES

Beginning and End of Course/Travel

Begin: Keflavik Airport, Reykjavik, 8am Monday May 18, 2015 (DE to email rendezvous point when he arrives 17th am)

End: Schipol Airport, Amsterdam, Netherlands, 12pm Sunday May 31, 2015

Contacts

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Clothing and Baggage

From the evolving itinerary, you will get a feel for the kinds of activities we will undertake. Remember that we will be actively walking and in transit for much of the time, so wear comfortable footwear and clothes – perhaps not much different to what you wear on campus. You will need closed toed shoes and covered arms for some visits. Travel will be in late May but to northern countries – days will be long but weather cool - so bring layers and raingear (Keflavik, IS high of 45F, on Monday May 18th). Long pants, and polypro/fleece would be appropriate. Boots or closed toed shoes are necessary. A warm hat or gloves could be useful.

We will be spending our overnights in hostels, usually with dormitory accommodation. The only secure location for baggage and valuables will be in the vehicles or on your person. A fanny-pack, or money belt is useful for your money and travel documents. I usually keep my passport with my wallet in my (cargo) pant pocket – for the duration. It is sometimes useful to keep a **photocopy of your passport** in your baggage or email yourself a scan of the front page and keep it on your webmail [on our CAUSE 2000, two students, on two separate occasions lost their wallets containing all their ID – one was lucky to recover it, one did not].

Our group of 13+2 will be traveling in two ~9-seater vans. So there will be extra capacity for baggage. It is preferable to pack in soft bags, as these pack most easily in vehicles. Remember sunscreen, hat (sun), and sunglasses, if needed and raingear (jacket).

I plan to wear what I wear on campus every day - light hiking boots, shirt and fleece for most of the trip, and to have an extra fleece layer and waterproof/windproof shell. Swimwear will be fine and you should bring a towel – as I'm not sure that all the hostels will supply them. If you are not checking your bag on the international flight remember that liquids in your toiletries (sunscreen, toothpaste, shampoo) should be in small containers and available for inspection.

Passport

You **MUST** have a valid passport. If you are traveling on a US passport, you will not need a visa for any of the countries we will visit. If not traveling on a US passport, you may need a Schengen countries visa (one visa for all the countries we visit). See notes above about keeping your passport secure.

Your Out-of-pocket Expenses

You will purchase your own air travel. We will pay for your accommodation (hostel fees excluding bed-sheet charges), and for land travel in the multi-seater vans. You will need cash for your meals and other incidentals. Most hostels will have self-catering facilities, and you will have the opportunity to pool resources to group-cook, should you wish. You should bring bed-sheets and a pillow cover or a “travel-sheet” sleeping bag as these may be required at some hostels and if not available there will be a charge for bed linens. Available for ~\$20.

Miscellaneous

Remember that this is a summer class – so bring some method (small notebook or tablet (electronic or paper)) to keep a journal. One that fits into your pocket or pack may be most convenient. Bring a camera or smartphone for photos. A smartphone/tablet/computer will allow you to communicate via voice/video using Wi-Fi. Hostels typically have Wi-Fi. Remember to place any phone on airplane/non-roaming mode to avoid incurring potentially significant excess roaming charges. An ATM card or Visa/Mastercard/Amex/Diners will likely be the best method to transport cash. You may wish to notify your credit card company that you will be traveling in Europe as sometimes they suspend cards with suspicious activity – this is easily rectified with an email or logon to your account website after the fact. If you have any electrical gear, you will need an adapter (plug) https://www.voltagevalet.com/elec_guide.html. Although most chargers can deal with the different voltage (220V vs. 110V in the US).

If you bring a pocket knife (I recommend it. You can eat quite well, and inexpensively, on sandwiches, fruit, etc.) then remember to pack it in your *checked* baggage.

Destinations map: <https://goo.gl/maps/TPmc0>

Hostels: <https://www.hihostels.com>

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		Activity		Hostels
May 17	Su	(24/7 – Most of Europe is 6h ahead of EST) Note: Contact details of those below are for instructor use only. Please respect their privacy and do not contact.	Depart DE Arr 630a (KEF) Thrifty rental	
18	M	Course Begins: Keflavik Airport, IS 8a 10a-12p Hellisheiði power plant Orkusyn - Geothermal Energy Exhibition www.orkusyn.is	Nesjavellir Geothermal Plant Thingvellir – Ancient Parliament Site Svartsgeni Geothermal Field Carbon Recycling International Blue Lagoon	Reykjavik, IS Reykjavik City Hostel, Sundlaugavegur 34 http://www.hostel.is/hostels/reykjavikcity
19	Tu	1000-1200 Burfell Hydro site	Reykjavik	Reykjavik, IS Reykjavik City Hostel, Sundlaugavegur 34 http://www.hostel.is/hostels/reykjavikcity
20	W	07:40a FI500 – KEF-AMS	AMS Arr: 12:40p Drive to Hamburg – via Groningen and Bremen.	Pyjama Park Hotel&Hostel Reeperbahn 36, Hamburg, Germany Arriving 5/20 Departing 5/21 http://www.pyjama-park.de/
21	Th	Drive to Copenhagen	Drive to Copenhagen	Copenhagen Downtown Hostel Vandkunsten 5, 1467 København K, Denmark Arriving: 5/21 Departing: 5/23 http://www.copenhagendowntown.com/
22	F	900a-1100a Avedore Power Station (Denmark) Hammerholmen 50 2650 Hvidovre Denmark www.dongenergy.co.uk	2-4p Kalundborg Kommune (Denmark) Udviklingsstaben Hareskovvej 14-16 4400 Kalundborg www.kalundborg.dk	Copenhagen Downtown Hostel Vandkunsten 5, 1467 København K, Denmark Arriving: 5/21 Departing: 5/23 http://www.copenhagendowntown.com/
23	Sa	Drive to Stockholm	Drive to Stockholm	Stockholm-Langholmen STF Långholmen Hostel, Långholmsmuren 20, 117 33 Stockholm, Sweden Arriving: 5/23 Departing: 5/25 http://langholmen.com/en/vandrarhem/
24	Su	Stockholm	Stockholm	Stockholm-Langholmen Arriving: 5/23 Departing: 5/25 http://langholmen.com/en/vandrarhem/
25	M	0900-1300p Forsmark SKB Nuclear Reactor Oregund, Sweden http://en.wikipedia.org/wiki/Forsmark_Nuclear_Power_Plant	0900-1300p Forsmark SKB Nuclear Reactor Oregund, Sweden	<i>STF Vandrarhem Fågelfors</i> www.bruksgarden.se Arriving: 5/25 Departing: 5/27 http://www.bruksgarden.se/contact.html
26	Tu	Travel to Aspo URL – Oskarshamn	Travel to Aspo URL – Oskarshamn	
27	W	0830a-1300p Aspo SKB Research URL (Sweden)	Travel to Copenhagen	
28	Th	Travel to Bremen	Travel to Bremen	Danhostel Copenhagen Amager Vejlands Alle 200, 2300 Copenhagen, Denmark Arrive 5/27 (Copenhagen) Depart 5/28 http://danhostelcopenhagen.dk/en/contact/

29	F	Bremen	Bremen	Southend Hostel Bremen Jakobistr 23 A, Bremen, Germany 28195 Arrive 5/28 Depart: 5/30 http://www.hostelbookers.com/hostels/germany/bremen/31843/
30	Sa	Travel to Rotterdam	Travel to Rotterdam	Southend Hostel Bremen Jakobistr 23 A, Bremen, Germany 28195 Arrive: 5/28 Depart: 5/30 http://www.hostelbookers.com/hostels/germany/bremen/31843/
31	Su	Travel to Schipol, Amsterdam, NL	Course Ends: Schipol Airport, NL 12p	King Kong Hostel Witte de Withstraat 72/74, Rotterdam, Netherlands 3012BS Arrive 5/30 Depart: 5/31 http://www.hostelbookers.com/property/prp/105448/arr/2015-05-30/ngt/1/pp/15

PARTICIPANT DELIVERABLES

Pre-Trip

1. Review the Itinerary, inclusive of hotlinks, as an overview.
2. With our overnight accommodations now set, make your final plans for your group or individual research activities. Particularly note the days that are loosely scheduled. We have the flexibility to accommodate your proposed interviews, filming, photography, and various forms of data gathering. All we need to know is... what... when... why... and where.

During-Trip

1. Keep a journal of your activities and observations, related both to your research and to our daily activities. We'll ask to review these journals in September. The journal that you keep as you travel will be adequate for this purpose, or you may choose to submit something else. Bring a notebook/tablet (paper or electronic) that you can comfortably carry in a pocket or pack.
2. On your assigned day, complete a brief electronic dispatch as a summary of that day's activities — it should be both text and photos. We will post these to the class web-page upon our return. See some examples for prior CAUSE trips at: <http://www.ems.psu.edu/~elsworth/courses/cause2013/index.html>

Post-Trip (By August 1 or September 1)

1. Submit your final electronic dispatch for posting.
2. Submit your journal.
3. Compile a one-page retrospective of what you learned.
4. For the first class, update your research proposal (Objectives, Method, & Expected Results) in light of the impressions, knowledge, footage, and data you have gathered. Update your proposal with tasks already completed, and provide a plan for your individual and group activities for the Fall semester.

Contact Details

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