Application form for access to Zackenberg 2021

Any research project planning to implement a scientific activity at Zackenberg Research Station (ZERO-Zackenberg) and/or the branch facility at Daneborg (ZERO-Daneborg) must apply for access. This is done by completing and signing the present form (**one project per application form**) and relevant appendixes, and sending it to: The Zackenberg Secretariat zackenberg@au.dk **before 15 February 2021**. The form must be completed on computer – not written in hand.

 The Zackenberg Secretariat will take care of all practicalities in relation to your travel to Zackenberg, including the application for a permit to travel into the National Park of North and Northeast Greenland.

Before you complete and submit this form, you must read **ZE****RO Site Manual**. When signing this form as a principal investigator (PI) you acknowledge and accept the conditions and requirements in the ZERO Site Manual as well as the responsibility to inform all your co-workers of the contents of this manual. We need all the information asked for in the form, and therefore we cannot approve your project without a completed form.

 We kindly inform you that staying at Zackenberg is at your own risk. All project participants (including yourself) should be properly insured during their stay at Zackenberg (i.e. having relevant search and rescue insurance (SAR), company injury insurance, medical insurance and other relevant insurances) either by an insurance issued by a commercial insurance company or by self-insurance by their institution. The Department of Bioscience, Aarhus University, takes no responsibility for the safety of users of Zackenberg Research Station.

# 1. Permit number\*

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|  **\* To be filled in by the Zackenberg Secretariat** |

**2. Research site**

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| **ZERO - Zackenberg  ZERO - Daneborg  §14 Project ** **Other  If other, please specify:** |

# 3. Project title

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**4. Principal investigator (PI)**

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# 5. Institution of PI

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| **Institution:****Address:Phone:E-mail:** |

# 6. Billing Address

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| **Contact:****Institution:****Address:Phone:E-mail:****Institutional VAT/CVR-number:** |

# 7. Specify all persons going to Zackenberg/Daneborg (including the PI, if he/she participates)

# For all persons information fill in appendix A Send the Excel-fil, not a pdf-print

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| **1. Name:****Institution:****Short description of the participant’s experience working in Greenland/Arctic areas:****2. Name:****Institution:****Short description of the participant’s experience working in Greenland/Arctic areas:****3. Name:****Institution:****Short description of the participant’s experience working in Greenland/Arctic areas:****4. Name:****Institution:****Short description of the participant’s experience working in Greenland/Arctic areas:****5. Name:****Institution:****Short description of the participant’s experience working in Greenland/Arctic areas:****6. Name:****Institution:****Short description of the participant’s experience working in Greenland/Arctic areas:****7. Name:****Institution:****Short description of the participant’s experience working in Greenland/Arctic areas:****8. Name:****Institution:****Short description of the participant’s experience working in Greenland/Arctic areas:** |

**8. Health problems:** Does anyone of your project participants (including yourself) have physical or mental health problems that will require special medication or precautions during your stay at Zackenberg/Daneborg?

Please provide all pertinent information in **appendix A**

Notice that Aarhus University, will take no responsibility for problems caused by any of the health problems you list.

**9. Project objectives and abstract of activities for the forthcoming field period (max. 2000 characters at font size 10):**

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**10. Activity area:** Indicate on the map(s) (appendix B and/or appendix C) in which zone(s) you anticipate field activity for your project. Specify plans for any item left on the study site after the field period. If your research positions are located within the Zackenberg Valley (Area 1) then please include a map (1:50000) indicating your initial placement of these. Note that the specific location of your plots etc. will have to be approved by the scientific leader at Zackenberg. For information about the positions of present and past plots etc., please refer to <http://gis.au.dk/ZackenbergGIS/default.aspx>

In case, the project will travel to a location outside these zones, please specify the areas on a map (1: 250.000) and provide positions (HDDD MM.mmm). Information on possible camp locations and routes between sites/camps outside the Zackenberg Valley must also be provided.

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**11. Means of transportation within/to-from activity area (check appropriate):**

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| **On foot  Ski  Snow mobile  Boat Other  If other, please specify:** |

# 12. Description of any planned habitat or species ‘manipulation’ or ‘destruction’:

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# 13. Use of AUVs/Drones:

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| **Use of Drone  Please specify the purpose:****Scientific ****Outreach ** |

# 14. Plans for future field periods: List briefly your plans for continuation of the project as well as personnel and field periods.

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**15. Insurance:** All persons going to Northeast Greenland must have proper insurances/self-insurances including a travel insurance covering costs in relation to a possible search and rescue/evacuation. Please, fill in **appendix D** (research institution) or **E** (insurance company)
with relevant information concerning insurance/self-insurance.
For researchers employed at **Danish research institutions**, please state name of insurance company and card number for each participant.

**16. Food:** If any of the participants in your project have special diet preferences, such as being a vegetarian, not eating fish, allergies etc. add the information in Appendix\_A\_Zackenberg.

**17. Radio permit:** Zackenberg Research Station has radio permits pertinent for the different means of communication (HF, VHF, PLB and Satellite) provided by the station. Please indicate whether you need to rent a PLB (Personal Locater Beacon) from the research station. A PLB is demanded if your research area is not covered by the local VHF station.
If you or your project wants to bring your own means of communication, you have to apply for a radio permit at Radioforvaltningen@nanoq.gl and you have to inform the Zackenberg Secretariat about the ID for the PLB. The Secretariat will forward this information to the Arctic Commando.

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|  Rent a PLB Own means of communication ID: |

**18. Firearm permit:** ZERO-Zackenberg and ZERO-Daneborg have firearms with valid firearm permits at the research stations.

**19. Activities, which require an additional permit (check appropriate).** When the Zackenberg Secretariat sends you an acceptance of your project, you will be informed about what additional applications may be necessary for your project.

It is your responsibility to obtain the necessary permits. The following might be relevant:

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|  Research on mammals, birds and fish. Send your application to: apnn@nanoq.gl  Research on biological resources. Send your application to: cabd@nanoq.gl cc isiin@nanoq.gl Research on minerals. Send your application to bmp@nanoq.gl  Area allotment. Send your application to landsplan@nanoq.gl **Research on archaeological artefacts, meteorites or fossils.** Send your application to nka@natmus.glOther, please specify:**Please notice – all application forms can be downloaded from** <http://naalakkersuisut.gl/en/About-government-of-greenland/Travel-activities-in-remote-parts-of-Greenland/Procedure-and-forms> |

**20. Registration of project activities:** Please acknowledge that you or your coworkers must fill in “Registration of project activities” (**Appendix F**) with UTM coordinate of all manipulations, take of organisms, research sites, plots, pegs etc. before leaving Zackenberg Research Station.

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| **Yes** **** |

**21. Use of chemicals:** Please indicate below which chemicals you plan to use at Zackenberg. Please note that you are responsible for the proper packaging and shipment of chemicals, and that you must contact Zackenberg Research Station prior to shipping chemicals in and out of Zackenberg. Bring the relevant datasheets to the station.

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**22. Zackenberg reporting:** Please acknowledge that you may be asked to contribute to the reporting from Zackenberg Ecological Research Operations. Aslo you must deliver a list of the publications coming out of your research at Zackenberg Research Station.

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| **Yes** **** |

**23. Airstrip at Zackenberg/Disclaimer of Liability**
Please notice that the airstrips at Zackenberg, Daneborg and Mestersvig are classified as inadequate aerodromes. Any passenger to Zackenberg shall sign a Disclaimer of Liability to the airline company, Norlandair, providing air transport to Zackenberg claiming that he/she has been informed that on the air route to Zackenberg inadequate aerodromes can be used as a landing fields. Inadequate aerodromes can increase the probability of damages and injuries.

 The airline company Norlandair bears no additional liability (whether in contract, tort or otherwise) for any loss, damage or injury of any nature beyond the liability of Norlandair insurance policy (regulated by the Danish law, Luftfartsloven) on the base that inadequate aerodrome is used as a landing field.
 The PI is responsible for that all participants in project are made aware of, and sign the disclaimer of liability at Akureyri Airport or Constable Pynt Airport.

**With my signature I acknowledge and accept the conditions and requirements for working at ZERO - Zackenberg and/or ZERO - Daneborg, as stated in the ZERO Site Manual and that all participants will be made aware of the contents of the KNNO Expedition Permit, which is issued by the Greenlandic Ministry of Domestic Affairs, Nature and Environment.**

**The application form must be signed!**

# Date Signature

**Local transportation at ZERO-Zackenberg/ZERO-Daneborg**

If your project needs support for local transportation, such as:

**Transport by ATV:** Cargo transportation in the nearest surrounding of Zackenberg Research Station.

**Transport by tractor**: Cargo transportation in the surrounding of Zackenberg Research Station or Daneborg.

**Transport by boat:** Only possible after sea ice has left the fjord, approximately mid-July.

**Use of snow mobile:** From the opening of the station in spring to approximately mid-June. Not available in Daneborg now.

**Airlift or transport by helicopter:** Please notice that mobilising a helicopter to Zackenberg is extremely expensive. However, there might be helicopters stationed in the area. The Zackenberg logistics can advice you concerning this.

Please fill in the form and send it to zackenberg@au.dk together with your application form.

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| **Form of transport**  | **Zackenberg or Daneborg** | **App. date**  | **Cargo type**  | **Number of persons**  |
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**Logistics – Goods and cargo**

**Notice: In order to optimize the use of aircraft and reduce costs you must in advance inform the logistics about the amount of goods and excess luggage to be flown to Zackenberg and Daneborg. Not notified freight will have low priority and will be only be included when there is available capacity in an aircraft.**Cargo may weigh up to 40 kg per unit. If the weight of the unit is more than 40 kg a special agreement must be made with the logistics.

 **Dangerous goods:** If cargo contains any kind of dangerous items such as: Chemicals, ammunition, weapons, flame bar substances’ and liquids, gasses, high pressure containers, medicine, substances containing virus, bacteria or radioactive substances, please contact the Zackenberg logistics before shipping!
Dangerous goods must be delivered in approved containers and not packed with general goods. A data sheet must be provided with the cargo. Shipping of dangerous goods will be billed at current rates.

**Freight insurance:** Cargo being handled by the Zackenberg logistics is not insured by the Aarhus University. It is therefore your own responsibility to have your cargo, properly insured.

**Delays:** Zackenberg Research Station is situated in a very remote location, and transportation of cargo and passengers is therefore very dependent on weather conditions. Aarhus University takes no responsibility for any costs related to possible delays of your cargo.

**Packing and marking of cargo:** All cargo must be able to withstand rough handling and wet conditions. We do not accept cargo packed in cardboard boxes. All cargo must be properly marked with Sender, receiver, weight, volume, content, coli number and priority number. Please use marking that can withstand rough handling and wet conditions.

**Other requirements**

**Camp:** Logistics at Zackenberg can provide full equipment for a field camp of up to 10 persons. If your project need to camp in the surroundings area of Zackenberg/Daneborg please contact the logistic department.

**Support:** If your project needs support of a logistician or you need special tools or equipment please contact the logistic department.

**Cargo to Zackenberg/Daneborg**

**If your project has a total amount of cargo exceeding 500 kg, you must contact the logistics department in advance.**

**A: Ship freight from Denmark to Daneborg**. The cargo will have to leave Denmark mid-July and will arrive in Daneborg in early August. The cargo will be airlifted to Zackenberg some days later. This is the cheapest way to send cargo to Zackenberg/Daneborg. However, you should not expect your cargo to be in Zackenberg before 15 August.

**B: Ship freight from Copenhagen to Akureyri (Iceland) combined with airfreight from Akureyri to Northeast Greenland.** Cargo has to leave Copenhagen three to five weeks before the time; you want it to arrive in Northeast Greenland.

**C: Airfreight from Copenhagen/Europe to Northeast Greenland.** Cargo will go from Copenhagen/Europe via Akureyri to Northeast Greenland. Cargo has to leave Copenhagen/Europe approximately two weeks before the expected time of arrival in Northeast Greenland. This is the most expensive way of sending cargo to Zackenberg.

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| **Mean of trans-port (A, B, or C)** | **Content** | **Size (h x l x w) in cm** | **Weight** | **Priority** | **Latest time of arrival** |
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**Cargo from Zackenberg/Daneborg**

**D: Ship freight from Daneborg/Zackenberg to Europe:** Cargo will leave Daneborg in early August and will arrive in Europe, at an address of your choice, four to six weeks later. Cargo needs to be in Daneborg one to two weeks before shipping. Cargo from Zackenberg will be airlifted to Daneborg. This is the cheapest way to send cargo from Daneborg/Zackenberg.

**E: Airfreight from Northeast Greenland to Akureyri combined with ship freight from Akureyri (Iceland) to Copenhagen.** Cargo will arrive in Europe, at an address of your choice, three to five weeks later.

**F:** **Airfreight from Northeast Greenland to Europe.** Cargo will arrive in Europe, at an address of your choice, three to ten days later. This is the most expensive way to send cargo.

**G:** **Airfreight from Northeast Greenland to Constable Pynt combined with ship freight from Constable Pynt to Europe.** Cargo will arrive in Europe, at an address of your choice, six to eight weeks later. Cargo needs to be in Constable Pynt in late August.

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| **Mean of trans-port (D, E, F or G)** | **Content** | **Size (h x l x w) in cm** | **Weight** | **Priority** | **Latest time of arrival** |
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