**LAND-BASED SCIENTIFIC PROJECTS AND EXPEDITIONS AT NEUMAYER III AND KOHNEN STATION**

**General remarks:**

* Please read the “Handout for users”
* Rename file to “YEAR-ACRONYM-aplc”, figures to “YEAR-ACRONYM-FigX” and other files to “YEAR-ACRONYM-appx”. Please save the files as PDFs.
* Incomplete applications or applications with changed sections, format or other modifications will be rejected. Please use N/A for sections that do not apply for your proposal.
* The template includes the instructions in italics and in brackets below the headings. Please read them carefully.
* Long-term or multi-year projects which will not be subjected to any scientific assessment this year only need to complete chapter 1 (General information), 7 (Declarations) and 8 (Signature) and sub-items 2.1 (Abstract) and 3.2 (Field work program - with all sub-items).
* For questions concerning your logistical planning please contact logistics department/Christine Wesche (Christine.Wesche@awi.de +49 471 4831 1967)
* Submit application documents to: antland-coordination@awi.de
* Deadline for submission: **30 September 2022**

**1 General information**

* 1. **Project title**

(*Please choose an appropriate and concise title for the project that refers to the work*)

[Text]

* 1. **Acronym**

*(Please choose a brief acronym (maximum 15 characters) derived from the title to identify your proposal.)*

[Text]

* 1. **Application type**

*(Please mark relevant application type with x)*

< > New project single season

< > New project multi-seasonal (≤4 years)

< > New project long-term observations (5 years and longer)

< > Project extension

< > Project modification (work- and/or method-wise – please state the modification

in appropriate points of sections 2)

* 1. **Applicant(s)**

*(Contact details of the responsible project coordinator or PI only)*

Name:

 Home institute:

 Institutes address:

 Telephone:

 Email:

 ORCID:

Gender (m/f/d):

 H-index:

* 1. **Short summary**

*(Please give a one sentence summary suitable to introduce the project within a program overview to non-experts, e.g. scientists of different disciplines or media.)*

[Text]

* 1. **Discipline and subject area**

*(Please state the research areas (e.g. glaciology, geophysics, biology, etc.) and the specific scientific work directions (e.g. seismology, microbiology, etc.)*

[Text]

* 1. **Cooperation**

*(Names, affiliations and contact details for cooperation partners in this project; also enter comma separated email addresses used as a contact list for all matters regarding the project)*

[Text]

* 1. **Funding**

*(Funding scheme and name(s) of funding agency or institute, Proposal number.*

*Projects with AWI participation: Please add the cost sheet from the internal mini-proposal as an appendix to this proposal)*

[Text]

* 1. **Previous projects at Neumayer III and Kohnen station**

*(List output of previous projects the PI has conducted using Neumayer/Kohnen Stations*

*List peer reviewed papers (max. 5) and published data sets (max. 5) including a doi or link, conference talks and posters (e.g.: Name et. al, 2017 ‘Results from Neumayer Project X’, Journal of Geofantasy, doi.* [*http://doi.org/10.10000/s123456-00-01-0)*](http://doi.org/10.10000/s123456-00-01-0%29)*)*

[Text]

1. **State of the art and preliminary work**
	1. **Abstract**

*(500 words max, to be published in the 'Expedition program', ATCM report, AWI web page, etc.)*

[Text]

* 1. **State of the art and preliminary work**

*(Please explain briefly and precisely the current state of the art, providing details on the most important relevant publications, in its direct relationship to the project proposal. This description should make clear in which context you categorise your own research and to which issues you wish to make a unique, innovative and timely contribution. This description must be comprehensible without references to additional literature. Quotations must be marked using the format "(author(s) [where applicable, et al.], year)".)*

[Text]

* 1. **Integration in national and international programs**

*(Please indicate which ongoing national and international projects and programs the project will contribute to and how. The reference to the scientific objectives and working hypotheses indicated in Section 3.1 should be clear. Please briefly outline your existing or planned cooperation with other researchers not involved in the project proposal. Working groups from institutions of the Helmholtz Association are asked to explain the reference of the project to the current or upcoming funding period within the framework of the program-oriented funding (POF) of their institution.)*

[Text]

1. **Objectives and work program**
	1. **Objectives**

*(Please provide a concise description of your project proposal’s research program and scientific objectives. Formulate measurable working hypotheses or questions to be answered. Please indicate if you anticipate results that may be relevant to fields other than science (such as science policy, technology, the economy, or society), in addition to expanding scientific knowledge.)*

[Text]

* 1. **Field work program**

*(A detailed description of the work program, methods and timeline must be provided in this section. The quality of the fieldwork program is of crucial importance to the evaluation of the project proposal.*

*The work program must conclusively justify why the individual days at the station/in the field and*

*the vehicle use/technical support are required. The subsequent evaluation phase must be outlined so that it is clear how the scientific objectives will be achieved. Please also state how tasks corresponding to the work program are specified for all participants and that personnel deployment is plausible.)*

[Text]

* + 1. *Infrastructure*

*(Base of operation, e.g. Kohnen, Neumayer III)*

< > Neumayer station III

< > Kohnen station

< > Other:

[Comment]

* + 1. *Working area*

*(Region of operation, e.g. at Neumayer station III, Kohnen surroundings, Recovery Glacier, etc.)*

[Text]

* + 1. *Duration and times*

*(Please give information for which season you plan your field work and the duration (single-season, multi-season, long-term observations). For multi-season projects and long-term observations please state if you need to be present every year or state the seasons you need to be in the field.)*

< > Single-season project

 Season:

< > Multi-season project (≤4 years)

Season project start:

 Season project end:

 Which seasons do you need to be in the field?:

< > Long-term projects and observations (5 years and longer)

 Season project start:

 Season project end:

 Which seasons do you need to be in the field?:

[Comment]

* + 1. *Field participants*

*(Please provide the number of participants in the field campaign, the duration of stay and the preferred period of visit* ***for each season*** *(for multi-year projects and long-term observations)! Keep travel costs in mind. Note that changes to the participants plan might be possible but have to be announced to the logistics coordinator in a separate registration process for each season. This will be introduced in the coming months.)*

Season:

Number of participants:

Duration of stay:

Preferred period of visit:

[Comment]

* + 1. *Personnel support*

*(Please state if you need personnel support during your fieldwork. If you need support from the wintering personnel, please contact Tim Heitland (**Tim.Heitland@awi.de**) prior to the submission of this proposal. The project applicants have to come to an agreement with the corresponding supervisors.)*

< > Support by technical team (‘Bauteam’) needed

Tasks:

 Estimated workload (hours/days):

< > Support by wintering staff needed

< > Technical winterer

 Tasks:

 Estimated workload (hours/days):

< > Scientific winterer

 Tasks:

 Estimated workload (hours/days):

[Comment]

* + 1. *Vehicles*

*(Please enter which vehicles you will need for your fieldwork (e.g. snow machine, Pistenbully, aircraft for logistical flights (no scientific flight program!) and how many. As vehicles and sleds are limited please also specify if the vehicles and sleds can be shared or will only be needed on certain days during your stay. Additional costs for consumables might arise.)*

< > Snow machine quantity: km:

< > Sled (Nansen) quantity:

< > Pistenbully quantity: km:

< > Pistenbully sled quantity:

< > Aircraft (no scientific flight program!) quantity:

< > Toyota Hilux quantity: km:

[Comment]

* + 1. *Generators*

*(Please state if you need any kind of generator for your fieldwork. The following types are available.)*

*< > Generator type Honda 1kW quantity:*

*< > Generator type Knurz 5kW quantity:*

*< > Generator mobile 15 kW quantity:*

[Comment]

* + 1. *Technical equipment*

*(Also technical equipment is limited and should be planned for in an economical manner. Please enter which technical equipment you will need during your fieldwork (e.g. VHF, satellite phone, mountain rescue, etc.). Don’t forget to state the quantity of the equipment.)*

< > VHF Radio quantity:

< > Satellite Phone quantity:

< > GPS quantity:

< > Mountain Rescue Equipment quantity:

< > Survival Box (one box for two persons) quantity:

< > Traverse equipment quantity:

< > Other: quantity:

[Comment]

* + 1. *Station facilities*

*(Please state if you need and lab and/or office space and/or storage. Please note that there is no wet lab or exhaust hood at Neumayer Station III nor at Kohnen Station. Chemicals have to be brought to and completely removed from the facilities.)*

*< > Temperature sensitive sample storage*

*Temperature:*

*amount (m3):*

*< > Office/Lab space, quantity:*

*< > MilliQ ultrapure water, quantity (l):*

*< > Meteorological observatory equipment (please contact Holger Schmithüsen)*

*< > Geophysical observatory equipment (please contact Vera Schlindwein)*

[Comment]

* + 1. *Freight*

*(Please give rough estimates of freights inbound and outbound (e.g. 4-10 Zarges boxes incl. weight in kg, etc.) and if you need it send via sea- or airfreight. Be aware that container freight needed before January must be sent 1.5 years ahead (see “handout for users”) and* that freight transported back by ships may arrive in Bremerhaven only after several month. Any special requirements (e.g. special temperatures, living species, dangerous goods, etc.) **MUST be announced here!**)

Inbound freight

< > Sea Freight:

< > Air Freight:

Outbound freight

< > Sea Freight:

< > Air Freight:

Special requirements:

< > Dangerous Goods:

< > Special Temperatures:

< > Living Species/Biological samples:

< > Other:

[Comment]

1. **Bibliography**

*(List the publications cited in Sections 2 and 3 here. Please highlight publications by the applicants of the proposal in bold. The full list of authors, the full title, the year of publication, the journal, doi must be specified for each publication)*

[Text]

1. **Data management plan and sample handling**

*Data and sample analysis results must be made accessible to the scientific community for use in an appropriate time frame. In this section, a data plan (data responsibility, data use, archiving, and release) must be explained. The quality of this plan is considered in the evaluation of the project proposal. In principle, AWI's Research Data Guideline and Policy apply to all users.*

[Text]

1. **Reviewer**

(Suggest three independent reviewers. Please consider the rules for “*conflict of interest“ (these include first-degree relatives, spouses etc., a current or planned close scientific cooperation or such a cooperation within the last 3 years, or a dependent employment or supervisory relationship that ended within the last 6 years) when naming potential candidates.* You may also reject reviewers with an explanatory statement.)

Reviewer 1:

Name:

 Affiliation:

 Contact details

 Email:

 Field of expertise:

Reviewer 2:

Name:

 Affiliation:

 Contact details

 Email:

 Field of expertise:

Reviewer 3:

Name:

 Affiliation:

 Contact details

 Email:

 Field of expertise:

[Text]

1. **Declarations**

*(Please mark with ‘x’, if true)*

< > I can cover the expedition costs

If ‘No’, comment:

[Text]

< > I can provide the required resources (personnel, costs, equipment, etc.) to

 ensure data archiving, analysis and publication

If ‘No’, comment:

[Text]

< > I accept and comply with the ‘AWI Guidelines on the Handling of Research

Data’ that I will publish the raw data within 2 years in open archives (e.g. PANGAEA). In addition, I agree to cite the grant number (assigned for the project in EIS) in the acknowledgement section and reference the following article of the research infrastructure when publishing any results obtained from the project: *Wesche, C., Weller, R., König-Langlo, G., Fromm, T., Eckstaller, A., Nixdorf, U., and Kohlberg, E. (2016). Neumayer III and Kohnen Station in Antarctica operated by the Alfred Wegener Institute, Journal of large-scale research facilities, doi:10.17815/jlsrf-2-152*

If ‘No’, comment:

[Text]

1. **Signature(s)**

*(The project proposal must be signed by all users specified in Section 1.4. Scanned signatures in the PDF document are sufficient.)*

1. **List of Enclosures**

*(Please list the appendices enclosed in the proposal. The appendices must include the academic CV of the users specified in Section 1.4 (no more than two pages per person, in English). This must include a directory of the 5 most important publications and a list of the field expeditions conducted over the last 5 years. Other potential appendices are cooperation agreements, figures and detailed budget information. For proposals submitted in conjunction with a coordinated program, a summary description of the scientific context, objectives, and work program of the coordinated program is required, as well as a description how the work program of the proposed expedition fits into the context of the coordinated program.)*

 [Text]