**Title page
Title**

*[Maximum 120 characters including spaces]*

**Acronym**

**Author names**

*[FirstName LastName1, FirstName LastName 2, FirstName LastName1,2]*

**Institution affiliations**

*[1 Name of institution, Address, Country*

*2 Name of institution, Address, Country]*

**Corresponding author**

*[FirstName LastName, email address, 16-digit ORCID number (if applicable)]*

**Keywords**

*[3-6 keywords]*

**Popular science summary**

*[See tips on how to write a popular science summary in the instructions for authors.*

*Font and style: Arial 10, Line spacing: 1,3]*

**Highlights**

*[The most important findings or messages you want to convey to the audience. Text or bullet points.*

*Maximum 300 characters including spaces]*

Text

**Summary**

*[Summary of your scientific chapter, including a section on larger implications and societal relevance of your work.*

*The sections ‘Summary’ and ‘Recommendations’ combined must not exceed 2300 characters including spaces]*

Text

**Recommendations**

*[Recommendations for the future development of the observing system based on recommendations in scientific chapter. Text or bullet points.*

*The sections ‘Summary’ and ‘Recommendations’ combined must not exceed 2300 characters including spaces]*

Text

**Photos or popular science graphics/figures**

*[You must provide us with at least three photos relevant to the content of your chapter. You can provide also additional popular science graphics/figures. Please paste low-resolution versions of all photos/graphics below. In addition, upload high-resolution photos/graphs in the webform for submission:* [*https://sios-svalbard.org/SESS\_Issue5*](https://sios-svalbard.org/SESS_Issue5)*.]*

Photo 1

**Caption 1:** Text (Photo: Name of photographer)

Photo 2

**Caption 2:** Text (Photo: Name of photographer)

Photo 3

**Caption 3:** Text (Photo: Name of photographer)

**Main text**

*[Font and style: Arial 10, Line spacing: 1,3. Max 12 pages, including figures (estimate ½ page/figure), tables (estimate ½ page/table), and references;*

*Do not use more than 3 levels of headers;*

*Citation of references in text:
Cite references in the text by name and year in parentheses. Some examples: ... (Miller 2010); ... by Miller and Sørensen (1987); ... (Miler 1991; Sørensen et al. 1995a, b; Schmidt and Juliano 2017; Miller et al. 2000, 2001).
Citation of data/manuscripts that are not published yet: (unpublished data); in case the manuscript is accepted and receives a DOI number, before finalisation of the SESS report, please send the full citation to* *SESSeditors@SIOS-svalbard.org**.]*

# Introduction

Text

# Data analysis and overview

Text

# Contributions to interdisciplinarity

[*Reflect on how your work contributes to other spheres and where you would like to see other disciplines to contribute to your work. This section is intended as an outlook and open sharing of thoughts.*]

Text

# Unanswered questions

Text

# Recommendations for the future

*[State up to 5 concrete and realistic recommendations, e.g. which specific observations or instruments/research infrastructure should be newly established; which existing observations/RI should be modified or should be ensured to continue. Text or bullet point list can be used.]*

Text

# Data availability

*[Include a table of datasets as specified in the document ‘Instructions for authors’:* [*https://sios-svalbard.org/SESS\_Issue5*](https://sios-svalbard.org/SESS_Issue5) *]*

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| **Dataset** | **Parameter** | **Period** | **Location** | **Metadata access (URL)** | **Dataset provider** |
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# Acknowledgements

[*Acknowledgments of people, grants, funds, etc.
If you have received SIOS funding to write this report, please do not forget to add the standard acknowledgement stated in the instructions for authors.]*

Text

**Figures and tables**

***Figures***

* *Please paste low-resolution versions of all figures in this template. In addition, upload high-resolution figures/graphs (min 300 dpi) in the webform for submission of the scientific report:* [*https://sios-svalbard.org/SESS\_Issue5*](https://sios-svalbard.org/SESS_Issue5)*.*
* *Only add figures that are referred to in the text.*
* *Number the figures in consecutive numerical order in relation to the citation in the text.*
* *Please add figure captions below.*

**Figure 1:** [Add figure caption here]

***Tables***

* *Please add all tables below.*
* *Please use the table function in word (not spreadsheets or pictures)*
* *Only add tables that are referred to in the text*
* *Number the tables in consecutive numerical order in relation to the citation in the text.*
* *Add table captions explaining the content of the table*

**Table 1:** Descriptive caption

|  |  |  |
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**References**

*[Font and style: Arial 10, Line spacing: 1,3 pt, Spacing after each reference: 12 pt]*

*Only include references that are cited in the text. References should be sorted by the last names of the first author of each work. Sort multi-author publications of the same first author alphabetically with respect to second, third, etc. author. Publications of exactly the same author(s) should be sorted chronologically;*

*For reference style, please see document ‘Instructions for authors’:*

Text