# 5. Sources

ACIA, Impacts of a Warming Arctic: Arctic Climate Impact Assessment. Cambridge University Press, 2004. (<http://www.acia.uaf.edu>)

Alaska Marine Science Symposium (AMSS) (<https://www.alaskamarinescience.org>)

AMAP, 2011. Snow, Water, Ice and Permafrost in the Arctic (SWIPA): Climate Change and the Cryosphere. Arctic Monitoring and Assessment Programme (AMAP), Oslo, Norway. xii + 538 pp.

AMAP, 2017. Adaptation Actions for a Changing Arctic: Perspectives from the Barents Area. Arctic Monitoring and Assessment Programme (AMAP), Oslo, Norway. xiv + 267pp

AMAP, 2017. Adaptation Actions for a Changing Arctic: Perspectives from the Bering-Chukchi-Beaufort Region. Arctic Monitoring and Assessment Programme (AMAP), Oslo, Norway. xiv + 255pp

AMAP, 2017. AMAP Assessment 2016: Chemicals of Emerging Arctic Concern. Arctic Monitoring and Assessment Programme (AMAP), Oslo, Norway. xvi+353pp

AMAP, 2017. Snow, Water, Ice and Permafrost in the Arctic (SWIPA) 2017. Arctic Monitoring and Assessment Programme (AMAP), Oslo, Norway. xiv + 269 pp

AMAP, 2018. Adaptation Actions for a Changing Arctic: Perspectives from the Baffin Bay/Davis Strait Region. Arctic Monitoring and Assessment Programme (AMAP), Oslo, Norway. xvi + 354pp

AMAP, 2018. AMAP Assessment 2018: Arctic Ocean Acidification. Arctic Monitoring and Assessment Programme (AMAP), Tromsø, Norway. vi+187pp

Arctic Invasive Alien Species [report](https://www.caff.is/invasive-species) that for the moment may not be specific enough in its recommendation

Arctic Migratory Bird Initiative (AMBI) Mid-term review - [report](file:///C%3A%5CUsers%5Creihin%5CDownloads%5CAMBI_Mid_Term_Evaluation_2017%20%281%29.pdf)

Arctic Report Card: <https://www.arctic.noaa.gov/report-card>

Arctic Traditional Knowledge and Wisdom: Changes in the North American Arctic [report](file:///C%3A%5CUsers%5Creihin%5CDownloads%5CTK_Wisdom_North_American_Arctic_2017.pdf)

CAFF, 2017. State of the Arctic Marine Biodiversity Report. Conservation of Arctic Flora and Fauna International Secretariat, Akureyri, Iceland. 978-9935-431-63-9

CAFF 2018. CBMP State of Arctic Freshwater Biodiversity Report

ConnectingGEO: Coordinating an Observing Network of Networks Encompassing satellite and IN-situ to fill the Gaps in European Observations. Gap analysis final report including prioritization (D6.3) (<https://ddd.uab.cat/pub/worpap/2017/171549/D6_3_Gap_analysis_final_report_including_prioritization.pdf> and <http://www.connectingeo.net/>)

ELOKA (<https://eloka-arctic.org/>  and <https://eloka-arctic.org/about/manual/index.html>)

Environmental monitoring of Svalbard and Jan Mayen (MOSJ) has several [documents](http://www.mosj.no/en/documents/)

EU-PolarNet deliverables:

* D2.5
* White papers
* Workshop reports

Extremeearth (<http://extremeearth.eu>)

IASC/ICARP

INTAROS deliverables:

* Report on present observing capacities and gaps: ocean and sea ice observing system (D2.1)
* Report on present observing capacities and gaps: Atmosphere (D2.4) Report on present observing capacities and gaps: Land and cryosphere (D2.7)
* Community based monitoring programmes in the Arctic: Capabilities, good practice and Challenges (D4.1)

Larsen, J.N., Petrov, A., Schweitzer, P. (2014) *Arctic Social Indicators. ASI II: Implementation*. Nordic Council of Ministers.

Newman, Louise: Delivering sustained, coordinated and integrated observations of the Southern Ocean for global impact (in prep)

MOSAiC Expedition: <https://www.mosaic-expedition.org>

Norwegian Polar Institute: Report on Dronning Maud Land

PAME Arctic Marine Strategic Plan

Polar View Earth Observation Limited: Polaris. User needs and High-Level Requirements for Next Generation Observing Systems for the Polar Region:

* Environmental Information Requirements Report (D1.1, February 2016)
* Gaps and Impact Analysis Report (D2.1, April 2016)
* Preliminary Observation Requirements Report (D3.1, January 2016)
* Summary Report (April 2016)
* User Requirements Workshop Briefing Note

Poppel, B., Kruse, J., Duhaime, G., Abryutina, L. (2007) *Survey of Living Conditions in the Arctic: SLiCA Results*. Anchorage: Institute of Social and Economic Research, University of Alaska Anchorage. <http://www.arcticlivingconditions.org/>

SDGW: Arctic Social Indicators (<https://oaarchive.arctic-council.org/handle/11374/48>)

Southern Ocean Observing System (SOOS)

STPI and SAON: The International Arctic Observations Assessment Framework

Survey of Living Conditions in the Arctic (SLiCA) (<http://www.arcticlivingconditions.org>)

World Meteorological Organization’s World Weather Research Programme (WWRP):

* 2016: Polar Prediction Project Implementation Plan for the Year of Polar Prediction (YOPP) Version 2.0 (WWRP/PPP No. 4-2016) (<https://www.polarprediction.net/fileadmin/user_upload/www.polarprediction.net/Home/YOPP/YOPP_Documents/FINAL_WWRP_PPP_YOPP_Plan_28_July_2016_web-1.pdf>)
* 2017: Polar Prediction Project. YOPP Modelling Plan (1st edition) (WWRP/PPP No. 6-2017) <https://www.polarprediction.net/fileadmin/user_upload/www.polarprediction.net/Home/Documents/FINAL_WWRP_PPP_No_6_2017_2_Nov_revised.pdf>

(In addition a series of papers (to be evaluated) submitted by Vito Vitale, Italy including *Evaluating the Antarctic Observational Network with the Antarctic Mesoscale Prediction System (AMPS) (*<https://journals.ametsoc.org/doi/full/10.1175/MWR-D-13-00401.1>))

Louise Newman:

1. Community OceanObs19 Paper “Delivering sustained, coordinated and integrated observations of the Southern Ocean for global impact” – (attached) **NOTE -** this paper is *in review*, and is not yet published, so I would ask you to not circulate it. Once published, it will be used to update our Initial Science and Implementation Plan, which was published in 2012 but is still valid (<http://soos.aq/resources/science-strategies?view=product&pid=1> )
2. Southern Ocean Modelling: Workshop Report <http://soos.aq/resources/reports?view=product&pid=57> a workshop report that makes recommendations on the modelling efforts required to support the SOOS vision
3. “Seeing below the ice: A strategy for observing the ocean beneath Antarctic sea ice and ice shelves <http://soos.aq/resources/science-strategies?view=product&pid=26> is a report produced in 2014 (currently being updated) and highlights priorities and observational requirements for observations under ice.
4. The SOOS 5-year Implementation Plan is what we use to structure our workplan in SOOS, and highlights some of the key challenges (infrastructure, data, etc) that SOOS is working to address <http://soos.aq/images/soos/downloads/Activities/soosimplementationplan2016-2020.pdf>
5. We also have a number of Regional Working Groups <http://soos.aq/activities/regional-wg> that help define priorities and integrate/coordinate observations within their region. Several of these groups have recently held workshops and have produced reports that highlight scientific drivers and observational requirements that are specific to their region. All reports are available from the working group webpages.
6. Community review of Southern Ocean Satellite Data Needs <http://soos.aq/resources/publications?view=product&pid=45>