**INTAROS Executive Board Meeting No. 35**

Date: 09 April 2021 10:00 – 12:00 CET

Via GoToMeeting

***Minutes and actions***

Participants: S. Sandven, G. Ottersen, A. B. Moller, R.Higgins, T. Hamre, E. Buch, R. Doescher, P. Goncalves, K. Lygre, H. Sagen, P. Voss, M. Sejr, M. Sørensen, L. Iversen, F. Danielsen, D. Gustavson

Meeting leader: S. Sandven

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| No | Description | Deadline | Comments |
| 1 | Report on the progress of the deliverables in 2021. The time schedule and content of the deliverables were reviewed and updated. The overview document and plans for each deliverable are updated and available at <https://www.dropbox.com/home/INTAROS-Deliverables-2021>  ***Deliverables in preparation during April (draft for EB-meeting early May)***  D1.7 Stakeholder activities (EuroGOOS) Need to include input from D6.4  D1.8 Data management plan V2 (NERSC)  D1.9 Updated requirement report (EuroGOOS)  D5.9 Data integrated from existing repositories into iAOS V2 (AWI)  D1.10 Roadmap document (NERSC), work has started.  Action: prepare updated version of the Roadmap document to be discussed at the next EB-meeting on 5 May.  ***Deliverable in preparation during May (draft for EB-meeting early June)***  D5.10 Geostatistical library (ARMINES)  D5.11 Integration of new processing services (TDUE)  D5.12 iAOS portal (NERSC)  D5.13 Synthesis (TDUE) first version, update in mid-September  D6.8 GHG budgets – ocean (UiB)  D6.9 Report on business development (EuroGOOS)  D6.10 Report on ecosystem management (IMR) (depends on workshop in Greenland, can be delayed to September  D7.14 Proceedings of CBM workshop (NORDECO).  ***Other deliverables will be discussed at later EB-meetings***  Action: Only 8 of the 22 deliverables due in month 54 are expected to be submitted by the deadline. The remaining 14 deliverables will be delayed by 3 – 5 months WP-leaders must contact the leaders of the deliverables to check progress of work and ensure that there is no further delay .  Action: WP-leaders and coordinator will follow up the progress of the remaining deliverables due from September to November. |  |  |
| 2 | Extension of the project period by three months was discussed, because we foresee that we will need more time to complete all deliverables. This has been discussed with the project officer because many deliverables have been delayed as a consequence of COVID19. Before we can request an extension of the project by three months all project partners have to agree. An extension means that the existing funding will be spread over a longer period and the final payment will be delayed.  Action: The coordinator will ask the consortium members to sign a document where they agree to extend the project by three months. Deadline is before the next EB/SC-meeting on 5 May. |  |  |
| 3 | Progress report for year 4 has been compiled based on input from the last Interim reports. The report is put on a google doc and partners are reviewing their description of activities and results. The report will be updated based on the next Interim Report (until 31 May). This version will be made available for the external reviewers which will read and make comments to selected documents some time in the autumn. The report will also be the basis for the final progress report to be provided at the end of the project. |  |  |
| 4 | Exploitation plan template. Partners have started to fill in the template. The description from each partner will be compiled into an overall exploitation plan for the project. |  |  |
| 5 | Material for a final INTAROS video. Since meetings and travels have been restricted in 2020 and also in 2021, we have proposed to produce a final INTAROS video as part of the dissemination and outreach activities. It was discussed to prepare one short (3 – 5 min) high-level video for the policy makers and one or more videos with focus on the scientific results aimed at the research community and for education. The material for the videos will be provided by the partners, but a professional company should do the final editing.  Action: Prepare a time plan and ask for material from the partners. The WP-leaders will organize the contributions from the partners in each WP |  |  |
| 6 | Summer school in 2021: There will be two events: 1) an online summer school with focus on atmospheric and terrestrial observing systems. Time is running out for this event in order to be organized in June. Instead it is proposed to change it to video-based education material to be available online later in the year. 2) a summer school onboard KV Svalbard with focus on ocean observing systems, acoustics and sea ice. It will take place from 5 to 13 June 2021. |  |  |
| 7 | Info sheets and booklet. Work is in progress to review and obtain updated versions from all the 55 drafts provided so far. |  |  |
|  | Next EB meeting: 05 May 10-13. This will be jointly with the Steering Committee. |  |  |

**Conferences, workshops and other events with INTAROS participation (from 01 Jan 2021)**

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| Date | Meeting | Participants from INTAROS | Comment |
| **2021** |  |  |  |
| 12-13 Jan | INTAROS General Assembly, online | All partners |  |
| 20 January | Stakeholder seminar – marine ecosystems and fisheries management, organized by IMR. Report is available at <https://intaros.nersc.no/content/stakeholder-seminar-marine-resources-and-fisheries-management> | IMR, AU |  |
| 4 – 16 February | Dialogue meetings with Research Infrastructures: Hydrosphere, Atmosphere, Geosphere and Biosphere | EuroGOOS – Erik Buch |  |
| 23-24 February | Scientific workshop on optimal use of operational satellite microwave products for high latitudes and polar area models. Link: https://www.eventsforce.net/eumetsat/frontend/reg/thome.csp?pageID=9185&eventID=21&traceRedir=2 | Georg Heygster gave presentation |  |
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| 24-26 March | ASSW21: INTAROS representations |  |  |
|  | Session ID 60 dedicated to INTAROS: 6 oral and 4 posters | ≈10 INTAROS part |  |
|  | Session ID 25: Oral presentation by Stein | Stein, Olivia |  |
|  | Session ID 85: Oral presentation by Lisbeth + poster | Lisbeth, Hajo, Finn, Noor |  |
| 27-30 April | EGU: INTAROS presentations in several sessions | tbc |  |

**Appendix 1: List of deliverables in 2021**

**Nominal deadline by end of May 2021**

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|  | Title | WP | Task | Lead partner | Type | Public | Month | Comments: | Plan for preparing deliverable |
| D 1.7 | Report on third stakeholder workshop | WP 1 | 1.2 | EUROGOOS | R | PU | M54 | Final draft for review by 30 April, | Comments and input by 15 April |
| D 1.8 | Data Management Plan V2 | WP 1 | 1.4 | NERSC | R | PU | M54 | Final draft for review by 30 April | In porgress |
| D 3.10 | Final implementation: Greenland | WP 3 | 3.1 | GEUS | DEM | PU | M54 | ? | Template OK, draft by end August |
| D 3.11 | Final implementation: North Svalbard | WP 3 | 3.2 | UiB | DEM | PU | M54 | Extension to M57, | Template OK, draft by end August |
| D 3.12 | Final implementation: Fram Strait | WP 3 | 3.3 | AWI | DEM | PU | M54 | ? | Template OK, schedule ? |
| D 3.13 | Final implementation: ocean - sea ice | WP 3 | 3.4 | IO PAN | DEM | PU | M54 | Extension to M57 | Template OK, draft by end August |
| D 3.15 | Final implementation: atmosphere-land | WP 3 | 3.5 | MPG | DEM | PU | M54 | Extension to M57 | Template OK, draft by end August |
| D 3.16 | Synthesis and technical recommendation | WP 3 | 3.0 | IO PAN | R | PU | M54 | Extension to M58, Need recommendations earlier | 15-30 Sept: integrate text from tasks  01-10 Oct: revision by all partners  10-20 Oct: Final editing/internal review  20 Oct: submitted to NERSC |
| D 5.9 | Data integrated from existing repositories into iAOS V2 | WP 5 | 5.3 | AWI | ORDP | PU | M54 | Draft for review by 5 April. Delayed by 2 weeks | In progress |
| D 5.10 | Geo-statistical library for iAOS V2 | WP 5 | 5.4 | ARMINES | DEM | PU | M54 | First version mid May, update in September | Use of geostatistics in the showcases |
| D 5.11 | Integration of new processing services V2 | WP 5 | 5.5 | TDUE | DEM | PU | M54 | Draft final by mid-May | Include showcases |
| D 5.12 | iAOS portal with user manual V2 | WP 5 | 5.6 | NERSC | DEM | PU | M54 | Draft final by mid- May | TBC |
| D 5.13 | Synthesis of the iAOS infrastructure | WP 5 | 5.7 | TDUE | R | PU | M54 | First version by mid-May, update in Sept. | TBC |
| D 6.7 | GHG budgets - atmosphere | WP 6 | 6.5 | MPG | R | PU | M54 | Extension to M59 | OK |
| D 6.8 | GHG budgets - ocean | WP 6 | 6.5 | NIVA / UIB | R | PU | M54 | Draft by 31 August, Template in google doc | TBC |
| D 6.9 | Report on business development and economic potential | WP 6 | 6.7/6.3 | EUROGOOS | R | PU | M54 | Draft for review by 20 May | OK |
| D 6.10 | Report on ecosystem management for managers | WP 6 | 6.8 | IMR | R | PU | M54 | After workshop in Greenland is completed | Probably postponed to 10 Sept. |
| D 7.10 | Special issue EGU journals | WP 7 | 7.4 | USFD | OTHER | PU | M54 | Extension to M58 | In progress |
| D 7.11 | Scientific capacity building | WP 7 | 7.5 | EUROCEAN | OTHER | PU | M54 | Extension to M58 | In progress |
| D 7.12 | Educational packages for scientists | WP 7 | 7.5 | EUROCEAN | OTHER | PU | M54 | Extension to M58 | In progress |
| D 7.13 | Special issue Environmental Research Letter | WP 7 | 7.6 | USFD | OTHER | PU | M54 | Extension to M58 | In progress |
| D 7.14 | Proceedings of CBM workshop | WP 7 | 7.7 | NORDECO | R | PU | M54 | Draft end of April | In progress |

**Nominal deadline August – November 2021**

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|  | Title | WP | Task | Lead partner | Type | Public | Month | Comments: | Plan for preparing deliverable |
| D 1.9 | Revised requirement report | WP 1 | 1.2 | EUROGOOS | R | PU | M57 | Draft by 15 Aug, monthly meetings | Input to Erik during April-May |
| D 7.15 | Final summary for policy makers | WP 7 | 7.2/7.3 | EUROCEAN | R | PU | M57 | Adapt to event in Brussels | To be discussed with Gaelle |
| D 6.11 | Climate model initialization V2 | WP 6 | 6.1 | SMHI | R | PU | M58 | Draft end of August | In progress |
| D 6.12 | Impact of climate change on Greenland ecosystems and fish resources V2 | WP 6 | 6.2 | AU | R | PU | M58 | Delayed because it is difficult to work in Greenland | Plan tentatively in June |
| D 6.13 | Extension of ecosystem management systems V2 | WP 6 | 6.2 | IMR | R | PU | M58 | Completed by 30 Sept, |  |
| D 6.14 | Ice-ocean statistics and state estimation V2 | WP 6 | 6.3 | NERSC | R | PU | M58 | Delivered end of September | Abstracts from all contributors are requested |
| D 6.15 | Risk assessment system, V2 | WP 6 | 6.3 | DNV GL | R | PU | M58 | Delivery end of August, propose workshop in Sept. |  |
| D 6.16 | Natural hazard assessment | WP 6 | 6.4 | GEUS | R | PU | M58 | Complete by 21 June | OK |
| D 6.17 | Ice discharge from Greenland icesheet | WP 6 | 6.4 | UPM | R | PU | M58 | Complete by 30 June | OK |
| D 6.18 | Report on economic benefits | WP 6 | 6.7/6.3 | EUROGOOS | R | PU | M58 | Complete by 30 Sept, similar to Atlantos work | OK |
| D 6.19 | Synthesis report | WP 6 | 6.0 | IMR | R | PU | M58 | Completed by 30 Sept | May need extension because it depends on input from the other tasks |
| D 7.16 | Final project event in Brussels | WP 7 | 7.2/7.3 | NERSC | OTHER | PU | M58 | TBD | Plan to be discussed with Gaelle |
| D 8.10 | Strategy for the Intellectual Property exploitation, final version | WP 8 | 8.2 | NERSC | R | PU | M58 | TBD |  |
| D 1.10 | Roadmap for sustainable Arctic Observing System | WP 1 | 1.5 | NERSC | R | PU | M60 |  | In progress |
| D 1.11 | Synthesis report of the project | WP 1 | 1.0 | NERSC | R | PU | M60 |  | Will build on the final progress report |