

AGENDA

Marginal Seas DMQC workshop 18-19 April 2023



***Institute of Oceanology PAN
Sopot, Powstańców Warszawy 55***

All times specified are CEST (UTC+2)

Meeting is hybrid and presentations can be viewed and given remotely.
Links to the video meeting and google drive with material will be provided before the meeting.

Tuesday 18.04.2023

Session1, 08:50-10:30

Introduction to Argo and the extensions to OneArgo and marginal seas

Time	Topic	Speaker
08:50 - 09:10	Welcome and overview of the organisation	Waldemar Walczowski (Argo-Poland) P1
09:10 - 09:30	Overview about Argo, float types, and implementation of OneArgo	Yann-Hervé de Roeck (Euro-Argo) P2 (online)
09:30 - 09:50	Challenges of using Argo in marginal seas	Simo-Matti Siiriä (FMI) P3
09:50 - 10:10	Argo Data System: access to data, structure of files, data quality controls, real time tests with considerations of marginal seas	Birgit Klein (BSH) P4
10:10 – 10:30	Integrating Argo into the observing system of the Baltic Sea	Laura Tuomi (FMI) P5
10:30-11:00	Coffee break	

Session 2: 11:00 - 12:50

Argo in Marginal Seas: Argo Teams involved, examples of data, hydrographic properties

11:00-11:40	Baltic Sea: northern part (Finland), southern part (Poland), BGC measurements (Germany)	Presentations by Simo-Matti Siiriä , Waldemar Walczowski and Birgit Klein P6
11:40-12:00	Barents Sea	Simo-Matti Siiriä joint presentation of Norway, Finland and Poland P7
Open spot 12:00-12:20	Other marginal seas - Mediterranean	Antonella Gallo, OGS (online) P8
12:20-12:50	Discussion	
12:50-14:00	LUNCH	

Session 3: 14:00 – 16:30

Reference data for DMQC of Baltic Sea floats

14:00-14:20	Envisioned set-up of reference data base for DMQC	Simo-Matti Siiriä and Birgit Klein P9
14:20-14:30	Finland	Simo-Matti Siiriä (FMI) P10
14:30-14:40	Poland	Daniel Rak (IOPAN) P11
14:40-14:50	Poland	Tamara Zalewska (IMGW) P12
14:50-15:00	Poland	Tycjan Wodzinowski (MIR) P13
Short break		
15:20-15:30	Germany	Birgit Klein (BSH, IOW) P14
15:30-15:40	Denmark	Fletcher Thompson (DTU Aqua)
15:40-15:50	Sweden	Wilstradt Wranne Anna (SMHI) P16
15:50-16:30	Discussion: Gather information on the hydrographic monitoring, can we collect all data from HELCOM, ICES, CMEMS. Or do we need direct approaches to institutes. How to avoid time lags and get more timely data. Data formats. Uncertainties in data, accuracies	
End of day 1		

18:00 Conference Dinner, restaurant Bulaj Sopot

Wednesday 19.04

Session 1 (09:00-11:00)

DMQC operations in the Baltic, introduction

Time	Topic	Speaker
09:00-9:30	Suggestion for adaption of Argo DMQC to Baltic DMQC (Project work carried out in EuroArgo Rise, DeliverableD2.7) Required activities for recovered floats and non-recovered floats Step by step guide to the dmqc procedure using reference data, scripts and data needed	Birgit Klein with support from Małgorzata Merchel and Simo-Matti Siriiä P17
09:30-10:00	Considerations for DMQC of BGC data. Regional adaptations	Henry Bittig (IOW), Catherine Schmechtig (CNRS) P18 (online)
10:00-10:30	Preparation for the hands-on-part Download of data and scripts	All
10:30 -11:00	Coffe Break	

Session 2 (11:00-17:00)

DMQC operations in the Baltic, practical exercises

Joint trials of runs for actual float data for DMQC operators in the Baltic, based on scripts provided. Group discussions on DMQC decisions to take, input into the D-files, etc.

11:00-12:30	Hands-on-runs part I (floats in southern Baltic)	Group activity
12:30-14:00	LUNCH	
14:00-15:00	Hands-on-runs part II (floats in central Baltic)	Group activity
15:00-15:30	Hands-on-runs part III (recovered float)	Group activity
Coffee break		
16:00-17:00	Summary and Close: Get feedback from the participants what worked, what remains unclear, what needs to be adapted for example for the Barents Sea	Group activity