



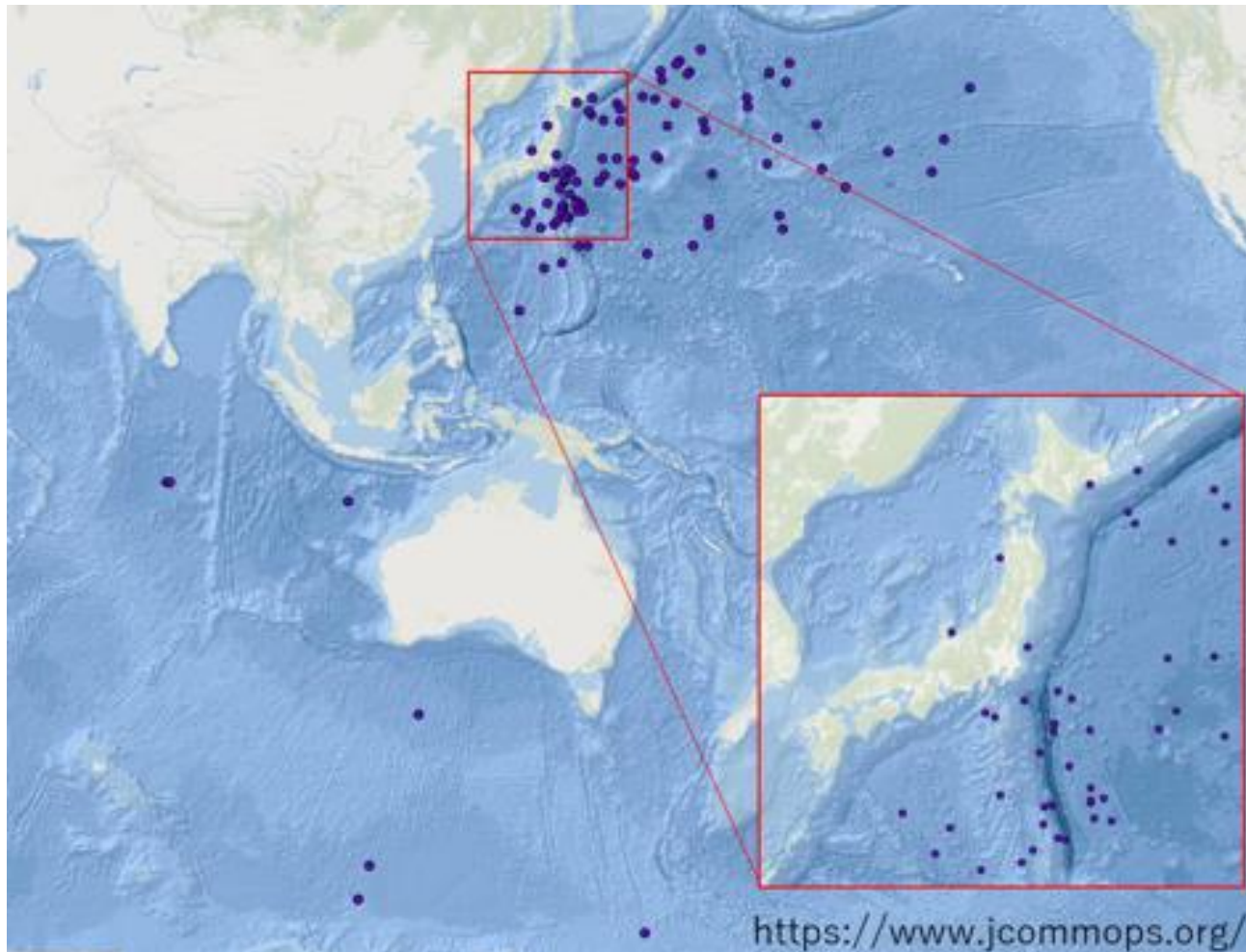
BGC Argo Data Management in Japan

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Information on BGC Argo floats in Japan

- Japan deployed 95 floats with some of BGC sensors.
- About 15,600 B-profile files have been submitted to GDAC.



Information on Bio-Argo floats in Japan

Biogeochemical-Sensor	Float_type	PI	Number	Deployment year	Parameter
Optode3830	APEX	JAMSTEC	6	2005,2010	DOXY
		Tohoku Univ.	3	2005	
		TNFRI	5	2008	
	NEMO	JAMSTEC	22	2010-2012	
SBE43F	APEX	JAMSTEC	2	2005	
Optode4330	APEX	JAMSTEC	21	2012-2013	
ARO_FT	SOLO-II	JAMSTEC	2	2014	
Optode4831	DeepAPEX	JAMSTEC	3	2017,2018	
AROD_FT	DeepNINJA	JAMSTEC	4 (2)	2017,2018,2019	CHLA & BBP
	DeepAPEX	JAMSTEC	2	2018	
FLNTURT	NINJA	Tohoku Univ.	3	2008	DOXY & CHLA and/or BBP
Optode3830 & SBE43I	APEX	JAMSTEC	2	2009	
SBE43F & FLNTUAPX	APEX	Tohoku Univ.	1	2006	
SBE43I & FLNTUAPX	APEX	JAMSTEC	2	2008	
		Tohoku Univ.	4	2008	
SBE43I & FLBB_AP2	APEX	Tohoku Univ.	3	2011	
Optode3830 & FLBB_AP2	APEX	JAMSTEC	1	2011	
Optode4330 & FLBB_AP2	APEX	JAMSTEC	1	2017	
SBE63, FLBB CD & SUNA_V2	NAVIS	JAMSTEC	6 (3)	2018, 2019	DOXY, CHLA, BBP, CDOM & NITRATE
ARO_FT & FLBB CD2	APEX	JAMSTEC	1	2018	DOXY, CHLA, BBP & CDOM
SBE63, FLBB CD & SEAFET	NAVIS	JAMSTEC	1	2019	DOXY, CHLA, BBP, CDOM & PH
Total			95		

B-profile files have been submitted to GDAC after last ADMT.

B-profile files have not been submitted to GDAC yet.

The deployment plan of BGC floats in Japan

- JAMSTEC is going to deploy 4 BGC floats by March 2020.
 - 2 BGC Navis equipped with SBE63, FLBB CD and SUNA_V2
 - 1 BGC-Navis equipped with SBE63, FLBB CD and SEAFET
 - 1 Deep-NINJA equipped with AROD_FT

Real-time data management

- Current status
 - 7 BGC floats is operational
 - 2 APEX, 3 Deep APEX and 3 NAVIS
 - 2 types of floats which have already deployed have not been converted to B-profile files yet
 - No RTQC is running
- Future plan
 - Start converting all floats to B-profile files
 - Introduce RTQC according to BGC QC manual
 - Send DOXY data on the GTS in BUFR format

Thank you for your attention

Evolution of R/A/D-profiles for JMA DAC

