



# Report on the North-East Asian Regional GOOS (NEAR-GOOS)

Peter YOU  
Chairperson



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# 1. Goals

- The primary aim of NEAR-GOOS in its first phase was to facilitate the sharing of oceanographic data gathered by agencies of the partner countries using the internet, to support the daily mapping of conditions in the marginal seas bordered by the partner countries.
- The goals of NEAR-GOOS in its second phase is to development of a basic integrated ocean observing and operational forecasting system in the NEAR-GOOS area adhering to the GOOS Principles and building on the data management and exchange mechanisms developed in the first phase through the inclusion of additional parameters, increased coverage in space and time, the generation of a generic suite of data products and adequate quality control and quality assurance procedures.

# 2. Membership



## 8 Organizations in 4 Member States



Country	Name	E-mail Address	Organization
China	Guimei LIU	liugm@nmefc.cn	NMEFC
	Ting (Julia) YU	julia_yu_nmdis@163.com	NMDIS
Japan	FUKUDA Yoshikazu	y-fukuda@met.kishou.go.jp	JMA
	SAEGUSA Jun	jodcint@jodc.go.jp	JODC
Republic of Korea	Hak Yoel (Peter) YOU	peterhak@korea.kr	KHOA
	Jinju IM	jinju1122@korea.kr	KHOA
	Hae Kun JUNG	hkjung85@korea.kr	NIFS
Russia	Vyacheslav Lobanov	lobanov@poi.dvo.ru	POI
	Oleg V.SOKOLOV	osokolov@ferhri.ru	FERHRI

# 3. Working Group/ Pilot Projects

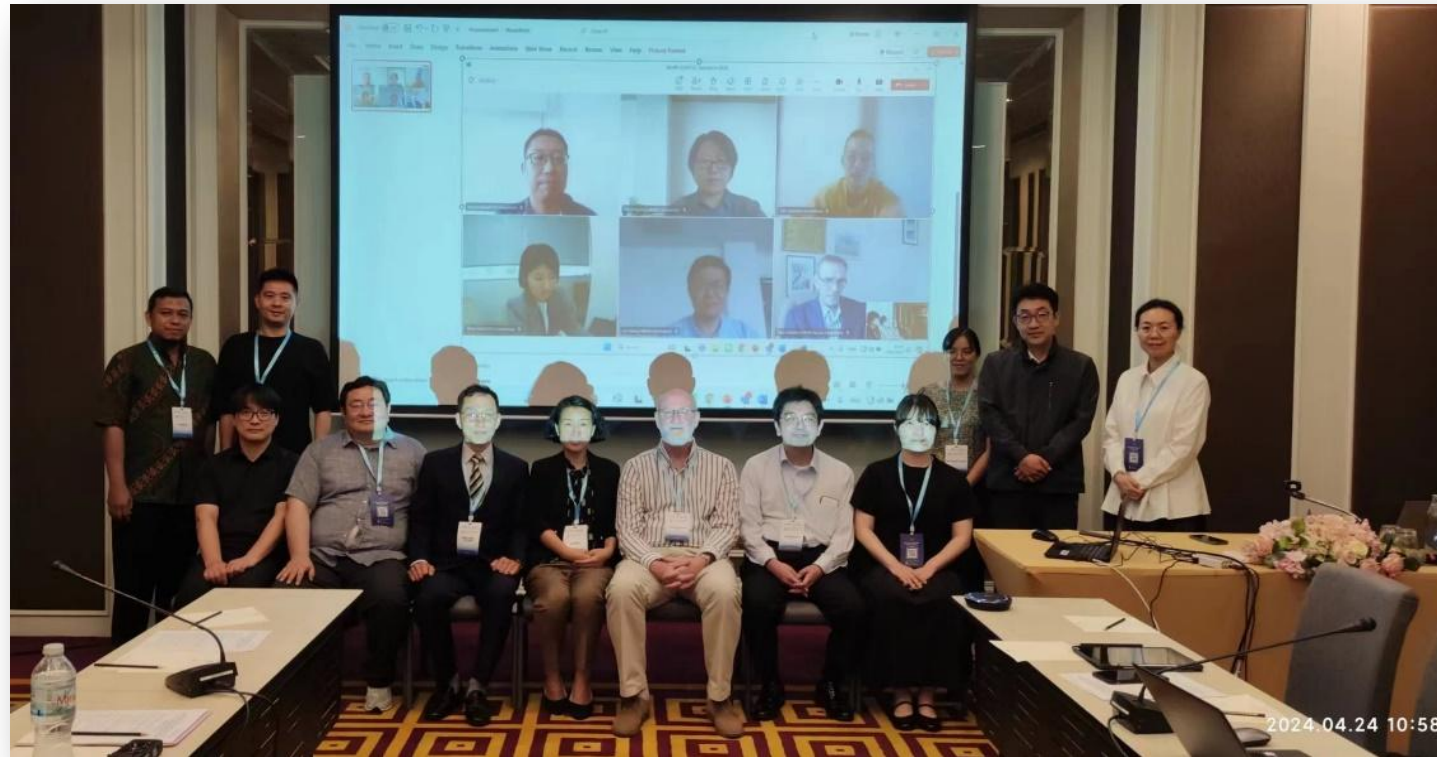
WG	Name (Leader)	E-mail Address	Country/ Organization
Development Of Operational Ocean Forecasting Systems	Ki Young Heo	kyheo21@kiost.ac.kr	ROK / KIOST
Data Management	Yulong LIU	yulong0631@163.com	China / NMDIS
Products	Kazuyoshi Fukuda	y-fukuda@met.kishou.go.jp	Japan / JMA

PP	Name	E-mail Address	Country/ Organization
Climate Monitoring Section	Dr. Vyacheslav Lobanov,	lobanov@poi.dvo.ru	Russia / POI

# Task Force teams in OFS WG (Mar. 2025)

	Leading Country	Leader	CHINA	JAPAN	KOREA	RUSSIA
<b>Wind</b>	Korea	Dr. Ki-Young HEO	Dr. Jianyong XING	-	Dr. Ki-Young HEO	-
<b>Circulation</b>	China	Dr. Yun LI	Dr. Shuangquan WU	Mr. Masakazu HIGAKI	Dr. Gwang-Ho SEO	-
<b>Temperature (sea)</b>	Japan	Dr. Koji Yagi	Dr. Yun LI	Dr. Mikitoshi HIRABARA	Dr. Jae-Il KWON	-
<b>Wave</b>	Russia	Dr. A. VRAZHKIN	Dr. Zhiyi GAO	-	Mr. Jin-Yong CHOI	Dr. A. VRAZHKIN

# 4. Meetings



NEAR-GOOS 21st meeting on 24 April 2024

# 5. Outcomes



## Major activities

- The **NEAR-GOOS gateway website**, designed to serve as a hub for real-time and forecast data from the four member states, was introduced in November 2021 and deployed for testing in the IOC-WESTPAC in June 2022. This development was presented at the 21st CC meeting in April 2024.
- **China** provides **real-time oceanographic data** from 14 observation stations and offers **daily forecasts** for currents, temperature, salinity, and bi-daily forecasts for wave heights Output
- **Japan** has been providing a sustained service of **real-time products**, in-situ data, and cross-sectional data as part of the NEAR-GOOS Cross-Basin **Climate Monitoring Section**. The **MGDSST** service, which merges satellite and in-situ data for global daily sea surface temperature, has seen the highest usage.
- **Republic of Korea** operates a network of **139** oceanographic observation stations, offering **real-time** data with rigorous quality control. Furthermore, to enhance maritime safety, the country operates **11 sea fog stations** to support vessel traffic.



# 6. Review on action & decisions



Actions/Decision	By	Timeline	Status
Action 1 : Election of new NEAR-GOOS CC Chairperson “Peter YOU” from KHOA			Completed
Action 2 : Update members of CC and WGs including WG online meeting	All	31 <sup>st</sup> Jul.	Completed
Action 3 : Terminate the pilot project ‘Ferry based monitoring’			Completed
Action 4 : Suggest new pilot project or new working group	All	Before next meeting	Complete
Action 5 : Dr. Ki-young HEO will be next WG on OFS’s leader with getting approval from this NEAR-GOOS meeting.			Completed
Action 6 : Date and Location of the coming NEAR-GOOS meeting	Mr. Yoshikazu Fukuda Mr. Peter YOU	30 <sup>th</sup> Sep.	Complete  9/10

Actions/Decision	By	Timeline	Status
Action 7 : Conduct the user's survey on Products WG	All Mr. Yoshikazu Fukuda	31st Dec.	Ongoing
Action 8 : Organize NEAR-GOOS scientific workshop jointly with PICES, GOOS or the other organization in 2025	Mr. Peter YOU	31st Oct.	Ongoing
Recommendation 1 : Plan to develop NEAR-GOOS gateway website	All Mr. Peter YOU	31st Dec.	Need to discuss
Recommendation 2 : Technical meeting or workshop of WGs for a day before NEAR-GOOS CC meeting	Mr. Peter YOU	Before next meeting	Postponed
Recommendation 3 : Establish new working group on Ocean Decade	All	Before next meeting	Ongoing



谢谢  
ありがとうございます  
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감사합니다  
С п а с и б о  
Thank you