



# Korea Arctic Fisheries Research Plans



National Fisheries Research and  
Development Institute,  
Ministry of Ocean and Fisheries  
Republic of Korea

# International Cooperative Arctic Research by ARAON

양극해 환경변화 이해 및 활용 연구

**K-PORT KOREA-POLAR OCEAN IN RAPID TRANSITION**

KOPRI 해양수산부 R/V Araon

**북극이사회 회원국**

미국, 러시아, 노르웨이, 덴마크(그린란드), 캐나다, 스웨덴, 핀란드, 아이슬란드

**정식 옵서버 국가** 15일 6개국 추가

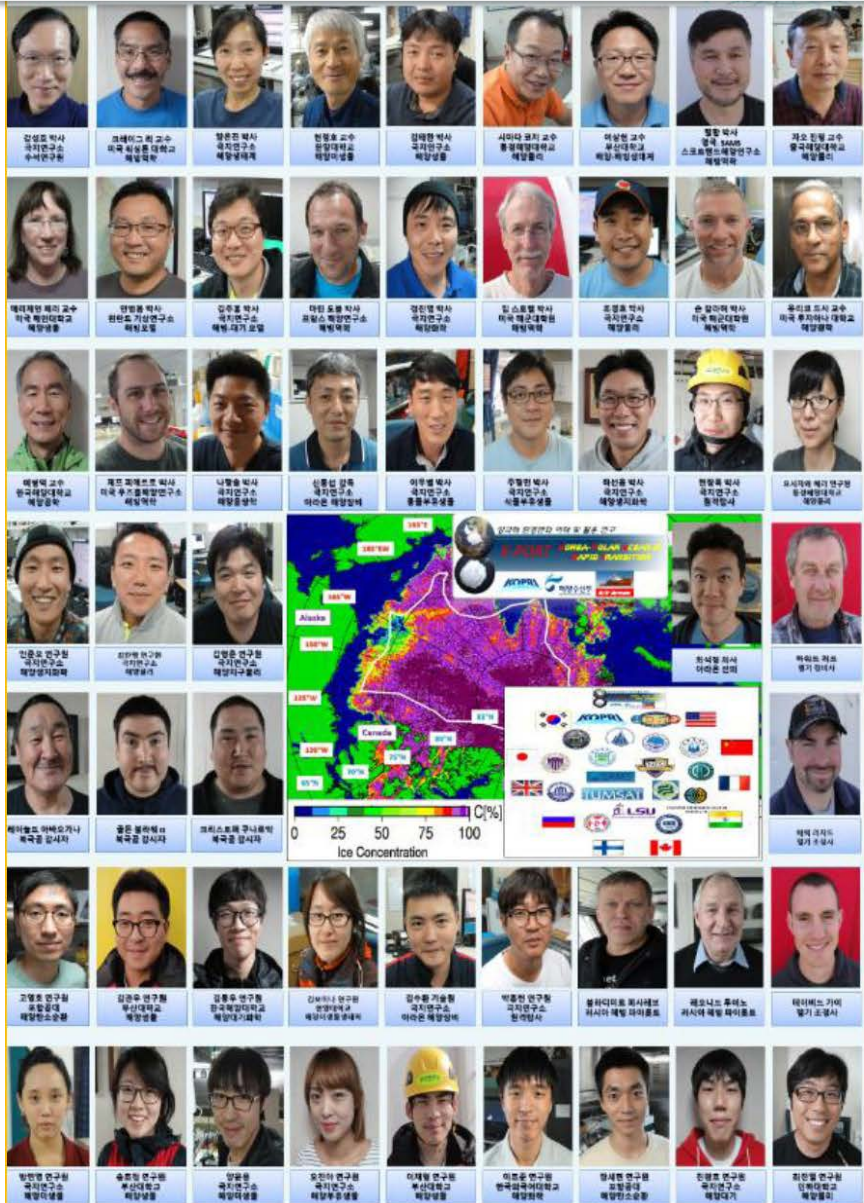
프랑스, 스페인, 한국, 인도, 독일, 영국, 중국, 싱가포르, 폴란드, 네덜란드, 일본, 이탈리아



Climate/ Ocean/ Air/ Sea  
Ice/ Marine Ecosystem/  
Environment Monitoring/  
Gas hydrate / Remote  
Exploration

	ARAON		UAV
	ARAON's cruise path		Buoys
	Research camp		Sea glider
	Radiosonde		Ice camp

# 2014 ARAON Arctic Cruise

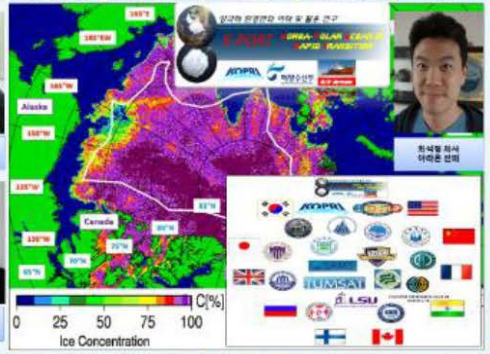


## 50 Scientists from 10 Countries

**Multi-disciplinary Research on Arctic Ocean, Sea Ice, Air, Ecosystem variation**

- University of Washington
- Tokyo University of Marine Science and Technology (TUMSAT), Japan
- The Scottish Association for Marine Science (SAMS),
- Ocean University of China (OUC), China
- University of Maine
- Finnish Meteorological Institute
- Laboratoire d'Océanographie de Villefranche, France
- Naval Postgraduate School
- Louisiana State University
- Woods Hole Institute of Oceanography (WHOI)
- Russia (Ice Pilots)
- US Helicopter pilots
- Scientists from Canada, India, UK Nationality

- Korea Polar Research Institute –
- Hanyang University
- Pusan National University
- Korea Maritime & Ocean University
- Pohang Institute of Science and Technology
- Hanyang University
- Hankuk University of Foreign Studies
- Inha University



# Korea Arctic Fisheries Research Plans

## ❖ Stage 1 (~2012)

- Participated in the cooperative research onboard foreign countries' vessels

## ❖ Stage 2 (2013~2019)

- International Arctic research by ARAON
- Mostly oceanographic surveys
- Ichthyoplankton study since 2015
- Early life history of Fish and Crabs
- Participate in cooperative fisheries research by international cruises

## ❖ Stage 3 (2020~)

- The 2<sup>nd</sup> Ice-Breaker with fishery survey gears
- Hydro-acoustic and Mid-water trawl surveys

**Thank you for your  
Attentions**

**감사합니다.**

