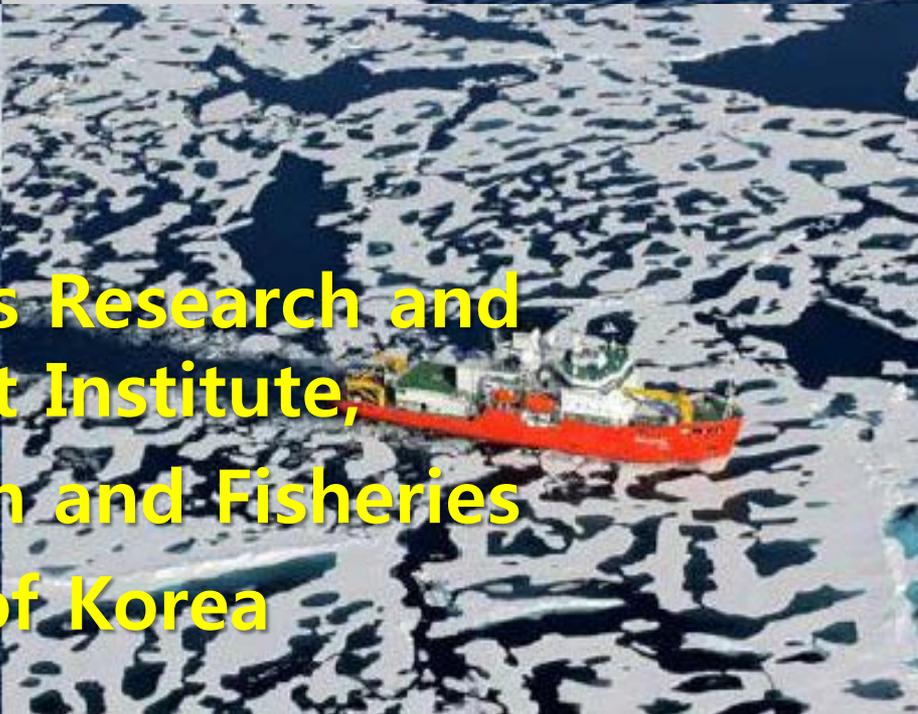




Korea Arctic Fisheries Research Plans

**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

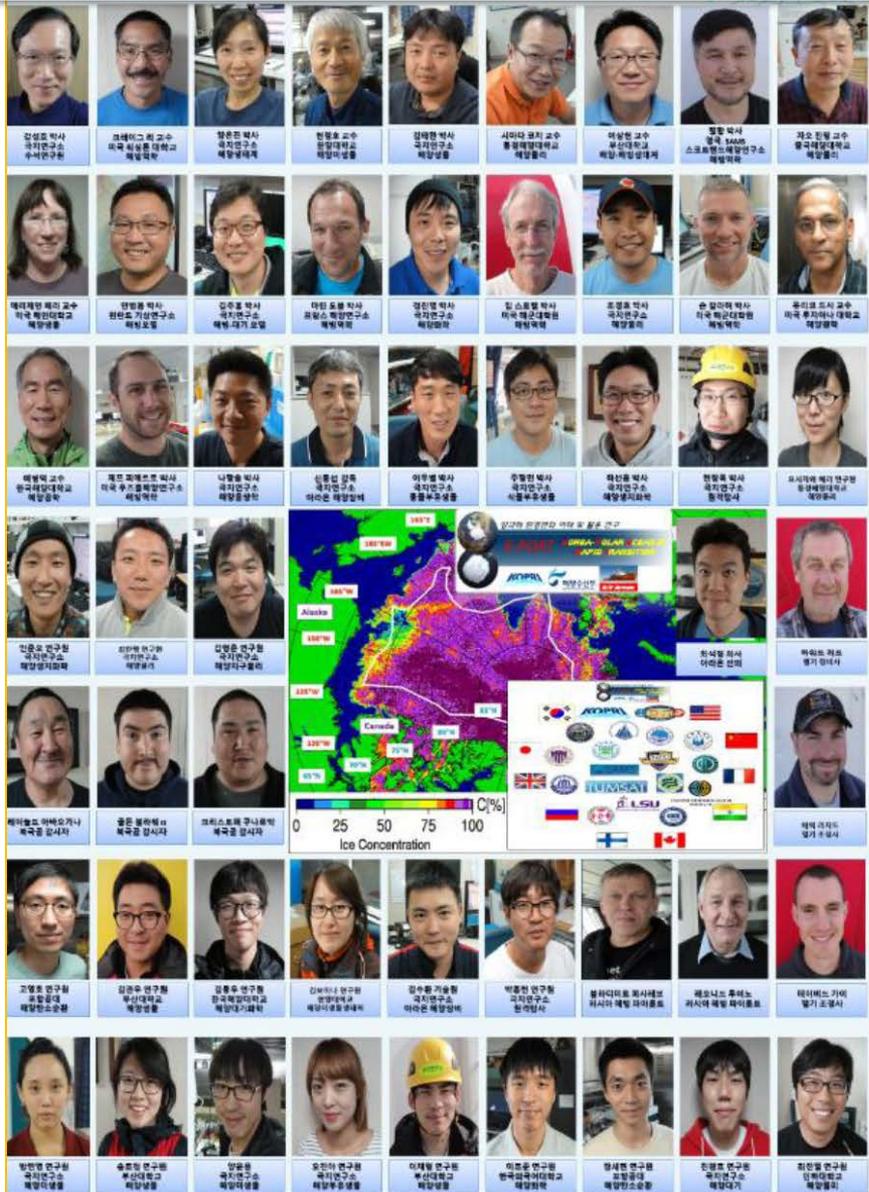
프랑스 스페인 한국 인도
 독일 영국 중국 싱가포르
 폴란드 네덜란드 일본 이탈리아



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

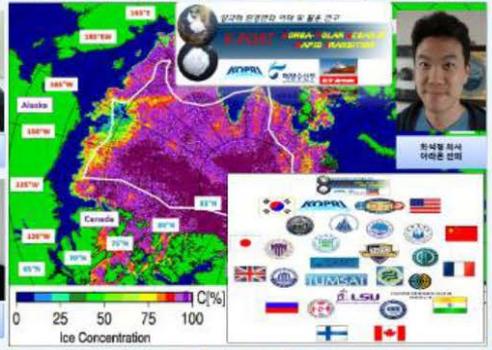


50 Scientists from 10 Countries

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

- 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

- 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 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 2nd Ice-Breaker with fishery survey gears
- Hydro-acoustic and Mid-water trawl surveys

**Thank you for your
Attentions**

감사합니다.

