

Pacific Arctic Climate Ecosystem Observatory (PACEO)

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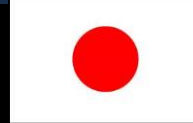
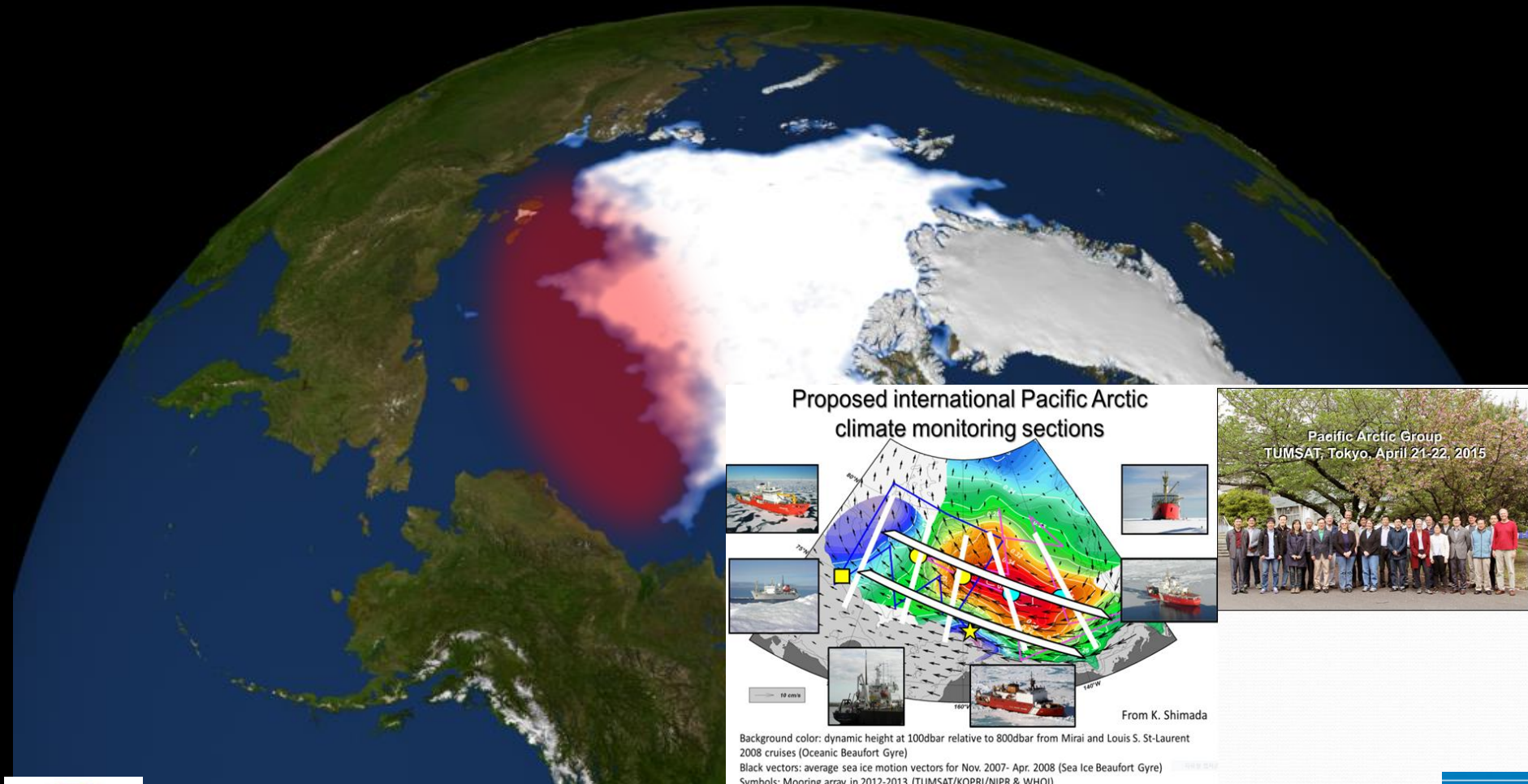
KOPRI

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<http://pag.arcticportal.org/>

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- PACEO is a developing long-term monitoring PAG activity in the high Pacific Arctic (Central Arctic Ocean, CAO).
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- PACEO is a developing international initiative for coordinated multi-ship operation in the Pacific Arctic Ocean that could include standard physical, biochemical and biological measurement as with the DBO.
- The PACEO sites are occupied by international entities in the Central Arctic Ocean (CAO) with a shared data plan.
- Key fisheries measurements are also planned to understand the Pacific CAO's marine ecology and the potential impacts of climate change before fishing becomes widespread and to prevent unregulated high seas fisheries in the CAO.

PACEO Session Speakers

3-1. Pacific Arctic Climate Ecosystem Observatory (PACEO)
(Sung-Ho Kang-lead, 45 min.)

Brief overview of 2017 PACEO results and 2018 plan of work (5 min each)

- Physical Oceanography (Kyoung-Ho Cho)
- Chemical Oceanography (Jinyoung Jung/Jisoo Park)
- Biological Oceanography (Hyoung Sul La/Eun Jin Yang)
- Sea-ice Study (Joo-Hong Kim)
- WebGIS-KAOS (Junhwa Chi/Hyun-Cheol Kim)