

A special issue of DSR II:
“Korean Arctic Expeditions
in the northern part of the Chukchi Sea”

(Guest editors: Sang H. Lee, Jackie Grebmeier, and Sung-Ho Kang)

Dedicated to Dr. Kyung Ho Chung

Korean Arctic expeditions in the northern part of the Chukchi Sea from 2010 to 2012

- **Total: 15 papers; Submitted: 14 papers; In preparation: 1 papers**
- **Sea ice variability in the Chukchi Borderland region during summer of 2010 to 2012: Satellite and in-situ data (submitted)**
- Byong Jun Hwang, Duk-jin Kim & others
- **Recent anomalous activations of sea ice motion; Part 1: Dependency of sea ice properties (in preparation)**
- Eri Yoshizawa, Koji Shimada, Daisuke Hirano, and Takashi Kamoshida
- **Freshening and warming of upper ocean in the Chukchi Borderland, Arctic Ocean (submitted)**
- Ho Kyung Ha, Koji Shimada, Tae Wan Kim, Kyung Ho Chung
- **Entrainment by the sea-ice movement in the surface mixed layer and its impact on under-ice blooming dynamics (submitted)**
- Yong Hoon Kim, Ho Kyung Ha, Hae-Cheol Kim, and Byongjun Hwang
- **Optical properties of in 2012 summer open water from Mendeleev Ridge to Chukchi Plateau**
- Jinping Zhao and Weibo Wang (submitted)
- **Determination of the production rate of mycosporine-like amino acids through carbon stable isotope analysis in Arctic melt ponds (submitted)**
- Sun-Yong Ha, Jun-Oh Min, Hyun Min Joo, Kyung Ho Chung, Kyung-Hoon Shin, Sung-Ho Kang
- **Interpretation of lipids biomarkers in the sediment of western Arctic Ocean (submitted)**
- Adegoke Olugboyege Badejo, Sooa Jeon, Jong-ku Gal, Seung-Il Nam, Kyung-Hoon Shin
- **Bacterial Diversity along Water Column in the Western Arctic Ocean (submitted)**
- Dukki Han, Ho Kyung Ha, Bang Yong Lee, Hor-Gil Hur, and Yoo Kyung Lee
- **Environmental factors affecting the phytoplankton communities during summer season in the Western Arctic Ocean (submitted)**
- Hyoung Min Joo, Jun Oh Min, Sang Heon Lee, Kyung Ho Chung, Bo Kyung Kim, Sung-Ho Kang, Jin Hwan Lee
- **Low carbon and nitrogen uptake rates of phytoplankton in the northern Chukchi Sea during the first Araon's Arctic cruise in 2010 (submitted)**
- Mi Sun Yun, Bo Kyung Kim, Hui Tae Joo, Eun Jin Yang, Kyung Ho Chung, Sung-Ho Kang, Sang Heon Lee
- **Macromolecular compositions of phytoplankton in the Arctic Ocean during the summer in 2011 (submitted)**
- Bo Kyung Kim, Mi Sun Yun, Hui Tae Joo, Jang Han Lee, Jae Hyun Lim, Kyung Ho Chung, Sung-Ho Kang, Sang Heon Lee
- **Total Carbon budget of Arctic sea ice floes (submitted)**
- Sang Heon Lee, Bo Kyung Kim, Hui Tae Joo, Jung Wook Park, Hyoung-Min Joo, Doo Byoul Lee, Chang-Keun Kang, and Sung-Ho Kang
- **Vertical structure variations of pelagic ciliated microzooplankton communities in response to the summer sea ice reduction in the western Arctic Ocean (submitted)**
- Yong Jiang, Eun Jin Yang, Sung-Ho Kang and SangHoon Lee
- **Characteristics of the sound-scattering layer in the Pacific Summer Water, Arctic Ocean (submitted)**
- Hyoung Sul La, Myounghee Kang, Hans-Uwe Dahms, Ho Kyung Ha, Eun Jin Yang, Young Nam Kim, and Kyung Ho Chung
- **Microzooplankton community structure and grazing impact on major phytoplankton in the Chukchi Sea and the western Canada Basin, Arctic Ocean (submitted)**
- Eun Jin Yang*, Ho Kyung Ha, Kyung Ho Chung, and Sung-Ho Kang

Tentative Schedule

- Deadline for 1st submission: Oct 21, 2013
- 1st review process: Dec 30, 2013
- Submission deadline for 1st revised papers: Feb 31, 2014
- 2nd review process: Apr 30, 2014
- Submission deadline for 2nd revised papers: Jun 31, 2014
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- **Final publication date: Nov, 2015**