

International Conferences/Symposiums/Meetings

- 1) Watanabe, T., Murayama S. A Process-Based Multilayer Ecosystem Model for Comprehensive Understanding of ecosystem Function and its Feedback to Climate(2013.10.24 Synthesis Workshop on the Carbon Budget and Forest Ecosystem in the Asian Monitoring Network)
- 2) Taguchi, B. M., Ogi, K., Takaya, K, and Mitsudera, H. Decada-scale co-variability in sea-ice extent between summer Arctic Ocean and winter Okhotsk Sea(2013.7.10 Atmosphere and Cryosphere Assembly)
- 3) Hasebe, F., Shiotani, M., Fujiwara, M., Shibata, T., Inai, Y. and SOWER Science Team. Dehydration in the Tropical Tropopause layer chatacterized by SOWER observations(2013.10.25 Sixth China-Korea-Japan Joint Conference on Meteorology)
- 4) Sugidachi, T., Arai, T., Fujiwara, M., Shimizu, K., Ibata, K., Kanai, Y., Okumura, S., Sagara, K., Hayashi, M. Development of a Peltier-based chilled-mirror hygrometer and cloud particle counter for balloon-born TTL observation(2013. 12.13 AGU Fall Meeting 2013)
- 5) Hayashi, Y., Fujiyosi, Y. Formation mechanism and structure of snow bands developed from Hokkaido coast of the Sea of Okhotsk(2013.2.20 28th International Symposium on Okhotsk Sea & Sea ice)
- 6) Toyota, T., A. Kohout and A. Fraser. Formation processes of floe size distribution in the marginal ice zone(2013.12.9 American Geophysical Union 2013 Fall Meeting)
- 7) Fujiwara, M. Global temperature response to the large-scale volcanic eruptions in 9 reanalysis data sets(2013. 4.1-2 WCRP Regional Workshop on Stratosphere-Troposphere Processes and their Role in Climate)
- 8) Fujiwara, M. Global temperature response to the large-scale volcanic eruptions in 9 reanalysis data sets(2013.4.29-5.1 SPARC Reanalysis/analysis Intercomparison Project (S-RIP) Planning Meeting)
- 9) Murayama, S., Kondo H., Saigusa N., Ishidoya S., Maeda T., Watanabe T., Yamamoto S., Kato K., Shimosaka T., Aoki N., Ando M. Long-term measurements of carbon budget in a cool-temperate deciduous forest ecosystem at Takayama in central Japan and their data analyses(2013.10.1-10.2 GEO CARBON)
- 10) Toyota, T., I. Smith, A. Gough, P. Langhorne, G. Leonard, R. Van Hale, A. Mahoney, and T. Haskell. Oxygen isotope fractionation during the freezing of seawater (2013.4.12 European Geoscience Union General Assembly 2013)

- 11) Toyota, T Seasonal sea ice as seen from the floe and deformation perspective
(2013.07.23 Workshop on Integrated Retrieval of Antarctic Sea-Ice Volume)
- 12) Fujiwara, M Soundings of Ozone and Water in the Equatorial Region (SOWER)
1998-2013(2013.4.1-2 WCRP Regional Workshop on Stratosphere-Troposphere
Processes and their Role in Climate)
- 13) Hasebe, F. Transport processes in the Tropical Tropopause layer and their role in
climate(2013.10.24 Sixth China-Korea-Japan Joint Conference on Meteorology)
- 14) Hasebe, F., Shiotani, M., Fujiwara, M., Shibata, T., Inai, Y. and SOWER Science
Team TTL dehydration characterized by SOWER observations over the
Pacific(2013.12.13 2013 AGU Fall Meeting)
- 15) Tanimoto Y., Muranaka, R., Igari, Y. Vertical structures in temperature and
momentum in the atmospheric boundary layer along SST front(2013.10.24 Sixth
China-Korea-Japan Joint Conference)
- 16) Fujiwara, M., J. Suzuki, A. Gettelman, M. I. Hegglin, H. Akiyoshi, and K. Shibata
Wave Activity in the Tropical Tropopause Layer in 9 Reanalysis Datasets - A
Contribution to the SPARC Reanalysis Intercomparison Project (S-RIP)(2013. 12.13
AGU Fall Meeting 2013)
- 17) Fujiwara, M. Global temperature response to the large-scale volcanic eruptions in
9 reanalysis data sets (2013.4.1-4.2 WCRP Regional Workshop on Stratosphere-
Troposphere Processes and their Role in Climate)
- 18) Nakamura, T. Recent findings of the Japanese oceanographic studies in the Sea of
Okhotsk(2013.2.15 The Japan-Russia 2-nd Workshop on Cooperation on the
Preservation of the Ecosystem in the neighboring areas of Japan and Russia)
- 19) Nakamura, T. and Takeuchi, Y. Effects of temporal variation in tide-induced
vertical mixing in the Kuril Straits on the thermohaline circulation in the Okhotsk
Sea and the North Pacific(2013.2.18 the 28th International symposium on
Okhotsk Sea & sea ice)
- 20) Matsuda, J., Sasajima, Y., Mitsudera, H., Nakamura, T., and Hasumi, H. Narrow
and strong coastal current in the Sea of Okhotsk represented by high resolution ice
coupled ocean circulation model(2013.2.18 the 28th International symposium on
Okhotsk Sea & sea ice)
- 21) 清水大輔、深町康、大島慶一郎、岩本勉之、Petrich, C.、Mahoney, A.、Eicken, H.
Mooring measurement of sea-ice thickness in the Chukchi Sea off Barrow Alaska
(2013.1.17 第3回国際北極研究シンポジウム)

- 22) Toyota, T. and Kimura, N. On the validity of the sea ice rheology by Hibler for the Sea of Okhotsk ice (2013.2.20 第28回オホーツク海・海氷国際シンポジウム)
- 23) 林侑斗、藤吉康志 Formation mechanism and structure of snow bands developed from Hokkaido coast of the Sea of Okhotsk(2013.2.20 28th International Symposium on Okhotsk Sea & Sea ice)
- 24) Mitsudera, H On the North Pacific shallow overturn(2013.2.18 The 28th international symposium on the Okhotsk Sea and sea ice)
- 25) Saiki, R., Mitsudera, H., Fujisaki, A., Ukita, J., Kimura, N. A formation mechanism of ice band by the interaction between sea-ice and internal wave(2013.2.18 The 28th international symposium on the Okhotsk Sea and sea ice)
- 26) Ashizaki, M., Mitsudera, H., Miyama, T. Numerical study on coastal currents associated with bottom boundary layer over a sloping shelf: reproduction of Soya Warm Current and cold water belt(2013.2.18 The 28th international symposium on the Okhotsk Sea and sea ice)