

### **International Conferences/Symposiums/Meetings**

- 1)Fujiwara, M., S. Iwasaki, A. Shimizu, M. Shiotani, Y. Inai, F. Hasebe, I. Matsui, N. Sugimoto, H. Okamoto, and K. Yoneyama: Cirrus observations in the tropical tropopause layer over the western Pacific, International Symposium on Coupling Processes in the Equatorial Atmosphere, Kyoto, Japan, 20-23 March 2007
- 2)Ono, J., Ohshima, K.I., Mizuta, G., Fukamachi, Y., Wakatsuchi, M: Diurnal Coastal-Trapped Waves on the Eastern Shelf of Sakhalin in the Okhotsk Sea and the effect of sea ice on them, Mombetsu Symposium, Mombetsu, Japan, 23 February 2007
- 3)KUSUMI Yoshiyuki, SHIRASAWA Kunio, KAWAMURA Toshiyuki, ISHIKAWA Masao, TAKATSUKA Toru, LEPPÄRANTA Matti, SATO Atsushi: Field and laboratory experiments on the role of snow-covered thin sea ice influenced by riverine seawater in snow-ice formation, International Symposium on Okhotsk Sea and Sea Ice, Mombetsu, Japan, 18-23 February 2007
- 4)Kawashima, M., K. Suga, Y. Fujiyoshi, S. Kimura, M. Ohi, T. Kozu, T. Shimomai, and T. Tsuda: Gravity waves generation by a band-shaped mesoscale convective system observed during the CPEA-II, International Symposium on Coupling Processes in the Equatorial Atmosphere(CPEA symposium), Kyoto, Japan, 20-23 March 2007
- 5)NOMURA Daiki, ISHIKAWA Masao, TAKATSUKA Toru, KAWAMURA Toshiyuki, SHIRASAWA Kunio, YOSHIKAWA-INOUE Hisayuki: The effect of sea ice melting on air-sea ice CO<sub>2</sub> flux on the basis of field observation in Saroma-ko lagoon, International Symposium on Okhotsk Sea and Sea Ice, Mombetsu Japan, 18-23 February 2007
- 6)Kawaguchi Y., Mitsudera H.: A numerical study of ice-drift divergence by a cyclonic wind, POAC Symposium, China, June 2007
- 7)Fujiwara, M., S. Iwasaki, A. Shimizu, M. Shiotani, H. Matsuura, Y. Inai, F. Hasebe, I. Matsui, N. Sugimoto, H. Okamoto, K. Yoneyama, A. Hamada, N. Nishi, and F. Immler: Cirrus observations in the tropical tropopause layer over the western Pacific, 14th Conference on the Middle Atmosphere, Portland, USA, 20-24 August 2007
- 8)Fujiwara, M., S. Iwasaki, A. Shimizu, M. Shiotani, H. Matsuura, Y. Inai, F. Hasebe, I. Matsui, N. Sugimoto, H. Okamoto, K. Yoneyama, A. Hamada, N. Nishi, and F. Immler: Cirrus observations in the tropical tropopause layer over the western Pacific, AGU fall meeting, San Francisco, 12 December 2007
- 9)Toyota, T., K. Nakamura, K., Tamura, T., Cho, K., and Ohshima, K.I.: Development of sea ice thickness algorithm from PALSAR data, combined with in-situ observations and other satellite data, The First Joint PI symposium of ALOS Data Nodes for ALOS Science Program, Kyoto, Japan, 21 November 2007

- 10)Fujiyoshi Yasusih: Stable isotopes of water and Cloud Science, International Symposium on Water Isotopes and Climates, Nagoya, Japan, 2-4, December 2007
- 11)Morioka, H., M. Fujiwara, M. Shiotani, A. M. Thompson, J. C. Witte, and S. J. Oltmans:Trend Analysis of Tropical Ozone from the Southern Hemisphere Additional Ozonesondes (SHADOZ) Data, AGU fall meeting, San Francisco, USA, 12 December 2007
- 12)Fujiyoshi Yasushi, Yamashita Kazuya, Fujiwara Chusei, Kikuta Motomi: Turbulent and layer structure in the lower troposphere, Japan-Taiwan Workshop for the EAMEX and MAHASRI, Hakone, Japan, 19 December 2007
- 13)Ohshima, K. I., M. Wakatsuchi, K. Ono, S. C. Riser: Seasonal variations of the circulation in the Okhotsk Sea and of the water exchange with the North Pacific,International Symposium on Okhotsk Sea and Sea Ice, Mombetsu, Japan, 18 February 2007
- 14)Toyota, T., Nakamura, K., Tamura, T., Cho, K., Ohshima, K., I: Development of sea ice thickness algorithm from PALSAR data, combined with in-situ observations and other satellite data, The First Joint PI symposium of ALOS Data Nodes for ALOS Science Program, Kyoto, Japan, 6 July 2007
- 15)Kusahara, Kazuya., Ohshima, Kay I.: Dynamics of the wind-driven sea level variation around Antarctica, International Union of Geodesy and Geophysics (IUGG), perugia Italy, 6 July 2007
- 16)Yamaguchi, H., M. Ikeda and T. Ikeda,: Interannual and decadal variability in the Arctic Ocean shown in geochemical and physical data responding to atmospheric variability, International Union of Geodesy and Geophysics (IUGG) 2007, Perugia, Italy, 2-13 July 2007
- 17)藤吉康志: 3次元走査型ドップラーライダーで検出した様々な晴天乱流の成因と構造:  
国際ワークショップ 2007年2月2日, 東京, 航空気象研究会
- 18)Nakamura Kozo, Fujiyoshi Yasushi, Tsuboki Kazuhia, Kuba Naomi: A numerical experiment of the stratocumulus observed during DYCOMS-II, International Union of Geodesy and Geophysics (IUGG) 2007, Perugia, Italy, 2-13 July 2007
- 19)Sakurai Namiko, Mori Shuuichi, Kawashima Masayuki, Fujiyoshi Yasushi, Ohi Masayuki, Hamada Junji, Fudeyasu Hironori, Wu Peiming, Sasaki Taichi, Tabata Yoshizaku, Fadli Syamsudin, Yamanaka Manabu, Matsumoto Jun: Internal structure of westward migratory cloud systems with diurnal cycle observed in HARIMAU2006 campaign, International Union of Geodesy and Geophysics (IUGG) 2007 Perugia, Italy, 2-13 July 2007
- 20)Fujiyoshi Yasushi: Observation of winds and clouds by using a 3D scanning coherent

- Doppler lidar, EarthCARE Workshop, Noordwijk, The Netherlands EarthCARE (JAXA/ESA) , 7-9 May 2007
- 21) Katsumata Masahiro, Yoneyama Koji, Sueyoshi Souichiro, Ali Shareef, Fujiyoshi Yasushi, Shirooka Ryuuichi, Takayabu Yukari, Yoshizaki Masanori: Structure of the Convective Activity Captured by the mso-fareast-font-family, MISMO-IOP Observation Network, International Union of Geodesy and Geophysics (IUGG) 2007 Perugia, Italy, 2-13 July 2007
  - 22) Fudeyasu Hironori, Mori Syuuichi, Sakurai Namiko, Hamada Junichi, Kawashima Masayuki, Fujiyoshi Yasushi, Fadli Syamsudin, Emrizal, Yamanaka Manabu, Matsumoto Jun: Structure of tropical squall line observed in HARIMAU 2006 campaign, International Union of Geodesy and Geophysics (IUGG) 2007 Perugia, Italy, 2-13 July 2007
  - 23) Yamanaka Manabu, Hashiguchi Hiroshi, Mori Syuuichi, Kawashima Masayuki, Fujiyoshi Yasushi, Ohi Masayuki, Hamada Junnichi, Sakurai Namiko, Fudeyasu Hironori, Shirooka Ryuuichi, Katsumata Masaaki, Wu Peiming, Sasaki Taichi, Ichianagi Kinpei: The HARIMAU (Hydrometeorological ARray for ISV-Monsoon AUtomonitoring) project under GEOSS (Global Earth Observation System of Systems), Coupling Processes in the Equatorial Atmosphere (CPEA) Symposium, Kyoto, Japan, 20-23 March 2007
  - 24) Fujiyoshi Yasushi: Maximum size of raindrops -Can it be a new proxy of precipitation climatology?-, 7th GPM International Planning Workshop, Tokyo, Japan, 5-7 December 2007
  - 25) Fujiyoshi Yasusih: Stable isotopes of water and Cloud Science, International Symposium on Water Isotopes and Climates, Nagoya, Japan, 2-4 December 2007
  - 26) Aoki, S.: Recent freshening of the Antarctic Bottom Water in the Australian-Antarctic basin, EGU General Assembly, Wien, Austria, 16-20 April 2007
  - 27) LEPPÄRANTA Matti, SHIRASAWA Kunio: Influence of oceanic heat flux on the ice thickness in Saroma-ko lagoon, International Symposium on Okhotsk Sea and Sea Ice, Mombetsu, Japan, 18 February 2007
  - 28) UCHIDA K., ENOMOTO Hiroyuki, TATEYAMA Kazutaka, SHIRASAWA Kunio, KAWAMURA Toshiyuki, KOJIMA Shunsuke: Surface temperature of snow covered thin sea ice in Lake Saroma -Comparison of satellite data and field observation data-, International Symposium on Okhotsk Sea and Sea Ice, Mombetsu, Japan, 18 February 2007
  - 29) LEPPÄRANTA Matti, SHIRASAWA Kunio: Influence of the ice-ocean heat flux on

- the ice thickness evolution in Saroma-ko lagoon, Hokkaido, Japan, The 16th Northern Research Basins International Symposium and Workshop, Russia, 27 August-2 September 2007
- 30) Ebuchi, N., Fukamachi, Y., Ohshima, K. I., Wakatsuchi, M.: Integrated monitoring of the Soya Warm Current using HF ocean radars, satellite altimeters, coastal tide gauges, and a bottom-mounted ADCP, AGU, San Francisco, USA, 10 December 2007
- 31) Ebuchi, N., Fukamachi, Y., Ohshima, K. I., Wakatsuchi, M.: Short-term variation in the Soya Warm Current observed by HF ocean radars and coastal tide gauges, Radiowave Oceanography Workshop, Cancun, Mexico, 27 May 2007
- 32) Ebuchi, N.: Evaluation of reprocessed SeaWinds wind vectors and ASCAT OSI SAF/KNMI wind product, NASA OVVST Meeting 2007, Amsterdam, Holland, 28 September 2007
- 33) Ebuchi, N., Fukamachi, Y., Ohshima, K. I., Wakatsuchi, M.: Volume Transport of the Soya Warm Current Estimated by HF Ocean Radar and Bottom-Mounted ADCP Measurements, International Workshops on Monitoring and Forecasting of the Rapid Change in Ocean-Atmosphere Environment in the East Asia and Establishment of Cooperative Sea under common understanding on the marine environment of the East China Sea, Kasuga, Japan, 29 November 2007
- 34) Fukamachi, Y., Tanaka, I., Ohshima, K. I., Ebuchi, N., Mizuta, G., Yoshida, H., Wakatsuchi, M.: Long-term measurement of the Soya Warm Current by a bottom-mounted acoustic Doppler current profiler, International Symposium on Okhotsk Sea and Sea Ice, Mombetsu, Japan, 18 February 2007
- 35) Toyota, T., Ohshima, K. I., Ebuchi, N., Nakamura, N., and Uto, S.: Retrieval of ice thickness distribution in the seasonal ice zone from L-band SAR, IGARSS 2007, Spain, Barcelona, July 2007
- 36) Toyota, T., Nakamura, K., Uto, S., Ohshima, K.I., and Ebuchi, N.: Retrieval of ice thickness distribution in the seasonal ice zone from L-band SAR, IEEE International Geoscience and Remote Sensing Symposium, Barcelona, Spain, 26 July 2007
- 37) Toyota, T.: Retrieval of sea ice thickness distribution with ALOS/PALSAR, International Symposium on Okhotsk Sea and Sea Ice, Mombetsu, Japan, 21 February 2007
- 38) Nakanowatari, T., Ohshima, K. I., Wakatsuchi, M.: Spreading of warming signal of the Okhotsk Sea Intermediate Water to the North Pacific since the 50s, PICES/GLOBEC Symposium, Hawaii, USA, 19 April 2007
- 39) Mitsudera, H. (ILTS): Environmental Problems in the Pan Okhotsk Region, Dirty, but warm: Energy and environment in Slavic Eurasia and its neighborhood,

Sapporo, Japan, July 2007

- 40) Maki Noguchi Aita, Akio Ishida, Michio J. Kishi, Yasuhiro Yamanaka : Interannual to interdecadal variations of Primary Production and Carbon cycle in the North Pacific using a 3-D NEMURO MODEL, The 6th European Conference on Ecological Modelling, Trieste, Italy, November 27-30 2007
- 41) S. L. Smith, N. Yoshie, Y. Yamanaka: Comparing Optimal Uptake Kinetics and Michaelis-Menten by Assimilating Data from the SERIES Fe-Enrichment Experiment into a Marine Ecosystem Model, The 6th European Conference on Ecological Modelling, Trieste, Italy, 27-30 November 2007
- 42) Taketo Hashioka, Yasuhiro Yamanaka, Takashi T. Sakamoto and Maki N. Aita: Future projection with a 3-D high-resolution ecosystem model, 6PICES 16th Annual Meeting Victoria, Canada, 27 October -6 November 2007
- 43) Maki Noguchi Aita, Akio Ishida, Michio J. Kishi, Yasuhiro Yamanaka: Interannual to interdecadal variations of Primary Production and Carbon cycle in the North Pacific using a 3-D NEMURO MODEL, The 6th European Conference on Ecological Modelling, Trieste, Italy, 28 November -1 December 2007
- 44) S. L. Smith, N. Yoshie, Y. Yamanaka: Comparing Optimal Uptake Kinetics and Michaelis-Menten by Assimilating Data from the SERIES Fe-Enrichment Experiment into a Marine Ecosystem Model, The 6th European Conference on Ecological Modelling, Trieste, Italy, 28 November -1 December 2007
- 45) Bernard A. Megrey, Kenneth A. Rose, Shin-ichi Ito, Douglas E. Hay, Francisco E. Werner, Michio J. Kishi, Yasuhiro Yamanaka, Maki Noguchi Aita, Jake F. Schweigert and Matthew B. Foster: Using model experiments to explore the impact of basin-scale climate forcing on localized upper-trophic-level marine ecosystem production, 6PICES 16th Annual Meeting 2007, Victoria, Canada, 27 October -6 November 2007
- 46) Michio J. Kishi, Kenneth A. Rose, Bernard A. Megrey, Francisco E. Werner, Maki Aita-Noguchi, Taketo Hashioka, Yasuhiro Yamanaka, Yasuko Kamezawa, Kazuto Nakajima and Daiki Mukai: Two-species population dynamics model for Japanese sardine and chub mackerel using object oriented modeling, 6PICES 16th Annual Meeting, 2007 Victoria, Canada, 27 October -6 November 2007
- 47) Takeshi Okunishi, Yasuhiro Yamanaka and Shin-ichi Ito: A migration model of Japanese sardine using artificial neural network, 6PICES 16th Annual Meeting 2007, Victoria, Canada, 27 October -6 November 2007
- 48) Francisco E. Werner, Bernard A. Megrey, Michio J. Kishi, Kenneth A. Rose, Shin-ichi Ito, Yasuhiro Yamanaka, Maki Aita-Noguchi and Taketo Hashioka: Extensions of

- the NEMURO models for use in studies of future climate scenarios, 6PICES 16th Annual Meeting 2007, Victoria, Canada, 27 October -6 November 2007
- 49) Y. Yamanaka, and C. Yoshikawa: Nitrogen isotope coupled with an ecosystem model, GEOTRACES Data-Model Synergy Workshop, Delmenhorst, Germany, 7-9 September 2007
- 50) Y. Yamanaka, and T. Hashioka: Overview of results from NEMURO (North Pacific Ecosystem Model Used for Regional Oceanography), 6th Workshop of the Dynamic Green Ocean Project Villefranche-sur-mer, France, 31 May -6 June 2007
- 51) S. L. Smith, and Y. Yamanaka: Optimal uptake kinetics and the SPONGE, 6th Workshop of the Dynamic Green Ocean Project, Villefranche-sur-mer, France, 31 May -6 June 2007
- 52) Masahiko Fujii, Yasuhiro Yamanaka, Yukihiro Nojiri, Michio J. Kishi and Fei Chai: Comparison of seasonal characteristics in carbon biogeochemistry among the subarctic North Pacific stations described with a NEMURO-based marine ecosystem model, 6PICES 16th Annual Meeting, Victoria, Canada, 27 October -6 November 2007
- 53) A. Oka, H. Hasumi, H. Obata, T. Gamo, and Y. Yamanaka: Study on vertical profiles of rare earth elements by using an ocean general circulation model, GEOTRACES Data-Model Synergy Workshop Delmenhorst, Germany, 7-9 September 2007
- 54) Y. Yamanaka, N. Yoshie, K. Sato, J. Nishioka: An iron cycle model coupled with an ecosystem model NEMURO-GEOTRACES Data-Model Synergy Workshop, Delmenhorst, Germany, 7-9 September 2007
- 55) Maki Noguchi Aita, Akio Ishida, Yasuhiro Yamanaka: Interannual to interdecadal variations of Primary Production and Air-Sea CO<sub>2</sub> flux in the North Pacific using a 3-D NEMURO MODEL, IUGG XXIV General Assembly, Perugia, Italy, 3-14 July 2007