

International Conferences/Symposiums/Meetings

- 1) Kubokawa, H., M. Fujiwara, T. Nasuno, and M. Satoh : Analysis of the Tropical Tropopause Layer using the Nonhydrostatic Icosahedral Atmospheric Model (NICAM) IGAC-SPARC Joint Workshop, Kyoto, Japan, 25-26 Oct 2009
- 2) Oshima, K. and Y. Tanimoto : An Evaluation in Reproducibility of Pacific Decadal Oscillation on the Simulations of CMIP3 Models, International Workshop on Global Change Projection: Modeling, Intercomparison, and Impact Assessment jointly with 2nd International Workshop on KAKUSHIN Program, Yokohama, Japan, Feb 2009
- 3) Uehara, H., A. Kruts, Y. Volkov, T. Nakamura, J. Nishioka, T. Ono, H. Mitsudera : A new climatology of the Sea of Okhotsk with isopycnal averaging, MOCA-09, the IAMAS, IAPSO, IACS 2009 Joint Assembly 2009, Montreal, Canada, 19-29 July 2009
- 4) Uchimoto, K., T. Nakamura, J. Nishioka, H. Mitsudera, M. Yamamoto-Kawai, K. Misumi, and D. Tsumune : A simulation of chlorofluorocarbons in the Sea of Okhotsk, PICES 2009 Annual Meeting, Jeju, Korea Oct. 23 - Nov. 1 2009
- 5) Shimada, H., Sawada, M., Tanaka, I., Asami, H., and Fukamachi, Y. : A trial of prediction of paralytic shellfish poisoning along the coast of Hokkaido in the Okhotsk Sea, International Symposium on Okhotsk Sea and Sea Ice, Monbetsu, Japan, 16 Feb 2009
- 6) Takuya Nakanowatari and Ohshima Kay I. : "Changes in the Sea of Okhotsk due to global warming-Weakening pump function to the North Pacific -" ILTS International Symposium "Frontier of Low Temperature Science", Sapporo, Japan, 9-10 Nov 2009
- 7) Nihashi, S., and Ebuchi, N., : Characteristics of the Okhotsk coastal polynyas revealed from active and passive microwave satellite observations, International Symposium on Okhotsk Sea and Sea Ice, Monbestu Japan, 17 Feb 2009
- 8) Fujiyoshi Yasushi: Detection of organized airflow in the atmospheric boundary layer using a 3D-scanning coherent Doppler lidar, International Symposium on Photoelectronic Detection and Imaging Technology and Applications, Beijing, China, 17-19 June 2009
- 9) Fukamachi, Y., Ohshima, K. I., Aoki, S., Simizu, D., Tamura, T., Kitade, Y., Hirano, D., Ushio, S., and Hashida, G.: Direct observations of newly-found Antarctic Bottom Water and the associated sea-ice production - Cape Darnley Project - : International Symposium "Frontier of Low Temperature Science" Sapporo, Japan, 9 Nov 2009
- 10) Sakazaki, T., M. Fujiwara and H. Hashiguchi : Diurnal wind variations in the UT/LS region detected in MU-radar data and reanalysis data, IGAC-SPARC Joint Workshop, Kyoto, Japan, 25-26 Oct 2009
- 11) Fujiyoshi Yasushi, Ohi Masayuki : Doppler radar observation of sea ice, snow clouds

and bird, 24th International Symposium on Okhotsk Sea & Sea ice, Monbestu, Japan, 16-18 Feb 2009

12) Ebuchi, N., Kubota, M., Kamachi, M., Kutsuwada, K., Iwasaka, N., Konda, M., Ando, K., Isoguchi, O., Shimoda, H. : Evaluation and utilization of sea surface salinity and L-band sigma-0 from Aquarius, 5th Aquarius SAC-D Science Meeting, Buenos Aires, Argentina, 21-23 Oct 2009

13) Ebuchi, N. : Evaluation of wind speed algorithm of AMSR and AMSR-E using scatterometer-derived wind data, GCOM-W Workshop, Yokohama, Japan, 15 Jan 2009

14) Fujiwara, C., K. Yamashita, M. Nakanishi, Y. Yasushi : Features of dust devils in the urban area detected by a 3-D scanning Doppler lidar, 2009 6月 22-26日、Toulouse, France, 15th Coherent Laser Radar Conference (CLRC),

15) Fujiwara, C., K. Yamashita, M. Nakanishi, Y. Yasushi : Features of dust devils in the urban area detected by a 3-D scanning Doppler lidar, , The 7th International Conference on Urban Climate (ICUC-7), Yokohama, Jaopan, 29 June – 3 July 2009

15) Kawaguchi Yusuke, Nihashi , Sohey, Mitsudera Fumio, and Ohshima Kay I : Formation of broad opening of coastal polynya, The 24th International Symposium on Okhotsk Sea and Sea Ice, Monbestu, Japan, 16-18 Feb 2009

16) Ebuchi, N. : Global observation of marine surface vector winds by microwave scatterometer, The 2nd International Symposium on Sentinel Earth, Sapporo, Japan, 4 Nov 2009

17) Fukamachi, Y. : GSOP report, The 5th meeting of the CLIVAR Southern Ocean Panel, Sydey, Austlaria, 16 Feb 2009

18) Ohshima K. I., Nakanowatari, T., Nishioka, J., Nakatsuka, T., and Wakatsuchi, M. : Impact of the sea ice reduction in the Sea of Okhotsk on the North Pacific. Environmental Conservation of the Sea of Okhotsk , Cooperation between Japan, China and Russia, ISTC Japan Workshop, Hokkaido University Sustainability Weeks 2009, Sapporo, Japan, 07-09 Nov 2009

19) Tamura, T., Ohshima, K. I., and Nihashi, S. ; Mapping of sea ice production and surface heat/salt-flux in the polar Oceans, IAMAS · IAPSO · IACS JOINT ASSEMBRY MOCA-09, Montreal, Canada, 19-29 July 2009

20) Tamura, T., Ohshima, K. I., and Nihashi, S. : Mapping of sea ice production in the Southern Ocean, ILTS International Symposium "Frontier of Low Temperature Science" , Sapporo, Japan, 9 Nov 2009

21) Mitsudera, H., K. Uchimoto, and T. Nakamura : Mechanisms of the cold water belt formation off the Soya Warm Current, PICES 2009 Annual Meeting, Jeju, Korea , 23

Oct-1 Nov 2009

22) Nakamura, T : Modeling the Pan-Okhotsk region, ILTS International Symposium "Frontier of Low Temperature Science", Sapporo, Japan, 9-10 November 2009

23) Ebuchi, N., Fukamachi, Y., Ohshima, K. I., Wakatsuchi, M : Monitoring of the Soya Warm Current using HF Ocean Radars, Satellite Altimetry, Coastal Tide Gauges and Bottom-Mounted ADCP, MOCA 2009, Montreal, Canada , 24 July 2009

24) Fukamachi, Y., Aoki, S., Church, J. A., Rintoul, S. R., Rosenberg, M., and Wakatsuchi, M. : Mooring measurement of the deep western boundary current over the eastern flank of the Kerguelen Plateau in the Indian Sector of the Antarctic, 9th International Conference of the Southern Hemisphere Meteorology and Oceanography, Melbourne, Australia, 11 Feb 2009

25) Granskog, M., Toyota, T., Hattori, H., Nomura, D., and Krell, A. : Observations on physical properties and biogeochemistry of sea ice in southern Sea of Okhotsk
紋別オホーツク海及び海氷国際シンポジウム, 18 Feb 2009

26) Sasajima, Y., H. Hasumi, T. Nakamura : A sensitivity study on Dense Shelf Water formation in the Okhotsk Sea, MOCA-09, the IAMAS, IAPSO, IACS 2009 Joint Assembly, Montreal, Canada 19-29 July 2009

27) Yara, Y., M. Fujii, Y. Yamanaka, N. Okada, H. Yamano, K. Oshima, ; Projected effects of global warming on coral reefs in seas close to Japan, PICES 18th Annual Meeting, Jeju, Korea, Oct 2009.

28) Toyota, T., Kamimura, H., Ono, S., and Cho, K : Retrieval of sea ice thickness distribution in the Sea of Okhotsk from ALOS/PALSAR backscatter data, オホーツク海及び海氷国際シンポジウム, Monbestu, Japan, Feb 2009

29) Ohshima, K. I., Tamura, T., Fukamachi, Y., and Aoki, S. : Sea ice production in the polynya and the associated bottom water formation off the Cape Darnley, East Antarctica, 9th International Conference of the Southern Hemisphere Meteorology and Oceanography, Melbourne, Australia 10 Feb 2009

30) M. Fujiwara, F. Hasebe, M. Shiotani, H. Vömel, S. - Y. Ogino, S. Iwasaki, N. Nishi, T. Shibata, K. Shimizu, J. Valverde-Canossa, H. B. Selkirk, and S. J. Oltmans : Seasonal to decadal variations of water vapor in the tropical lower stratosphere observed with balloon-borne frost-point hygrometers, IGAC-SPARC Joint Workshop, 25-26 Oct 2009

31) M. Fujiwara, F. Hasebe, M. Shiotani, H. Vömel, S. - Y. Ogino, S. Iwasaki, N. Nishi, T. Shibata, K. Shimizu, J. Valverde-Canossa, H. B. Selkirk, and S. J. Oltmans : Seasonal to long-term variations of water vapor in the tropical lower stratosphere observed with balloon-borne hygrometers, 17th Conference on Atmospheric and Oceanic Fluid Dynamics and 15th Conference on Middle Atmosphere, Stowe, VT, USA, 8-12 June

2009

32)Toyota, T., C. Haas, and T. Tamura, Size distribution of sea ice floes in the Antarctic marginal ice zones in late winter, ILTS International Symposium "Frontier of Low Temperature Science" Sapporo, Japan, 9 Nov 2009

33)Horinouchi, T. : Spatial structures of gravity waves from COSMIC GPS RO data, ISSI Team Meeting, Merging Space- and Ground-based Observational Constraints for Gravity Wave Parameterizations in Climate Models, Bern, Switzerland, 22 Feb 2009

34)Ohshima, K. I., and Tamura, T. : Studies on sea ice and polynya off the Cape Darnley Antarctica, using ALOS-PALSAR and other satellite data, 3rd ALOS Joint PI Symposium, Hawaii, USA, 09-13 Nov 2009

35)Ebuchi, N. : Synergism of AMSR3 and DFS, Joint Research and Operational Users Working Group Meeting 2009, Tokyo, Japan, 20 April 2009,

36)Nishioka, J., Nakatsuka, T. Kuma, K., Watanabe, T. W., Ono, T., Ohshima, K. I., Ebuchi, N. : The importance of sea-ice formation in the Sea of Okhotsk for supplying iron to the western subarctic Pacific, ASLO Aquatic Sciences Meeting 2009, Nice, France , 29 January 2009

37) Nakamura, T., Y. Isoda, M. Nagasawa, S. Takagi, T. Wagawa, H. Mitsudera, : Tidally-generated large-amplitude internal waves and associated mixing in the Amchitka Strait, the Aleutian Islands, MOCA-09, the IAMAS, IAPSO, IACS 2009 Joint Assembly, Montreal, Canada 9-29 July 2009,

38)Fujiyoshi Yasushi : Toward improvement of microphysical processes in the melting layer, International Workshop of radar and Modeling Studies of Snowfall -Precise observation and modeling of solid precipitation-, Nagaoka, Japan, 18-19 March 2009

39)Mitsudera, H., Matsuda, J., Nakamura, T., Uchimoto, K., Nakanowatari, T., and Ebuchi, N. : Wind- and buoyancy-driven overturning circulation in the Sea of Okhotsk, International Symposium on Okhotsk Sea and Sea Ice, Monbestu, Japan, 17 Feb 2009

40)Mitsudera, H., J. Matsuda, T. Nakamura, K. Uchimoto, T. Nakanowatari, N. Ebuchi : Wind and buoyancy effects on meridional overturning circulation in the Sea of Okhotsk, MOCA-09, the IAMAS, IAPSO, IACS 2009 Joint Assembly Montreal, Canada, 19-29 July 2009

41)大島慶一郎 : 温暖化で変わるオホーツク海 : 海洋物理化学観測の成果と今後の予測, オホーツク生態系保全・日露協力シンポジウム, 外務省・環境省、札幌、2009年3月8日

42)Yoshida Kohei, and Yamazaki Koji : Role of the vertical eddy heat flux in the tropical tropopause temperature response to tropical sea surface temperature changes, European Geosciences Union 2009 General Assembly, Wien, Austria, 21 April 2009

- 43)Udagawa Yusuke, Yamazaki Koji, and Tachibana Yoshihiro : Shifts of sea-ice patterns in the Southern Ocean in association with large-scale atmospheric modulation, European Geosciences Union 2009 General Assembly, Wien, Austria, 21 April 2009
- 44)Udagawa Yusuke, Yamazaki Koji, and Tachibana Yoshihiro : Modulation in interannual sea-ice patterns in the Southern Ocean in association with large-scale atmospheric mode shift, AGU fall meeting 2009 San Francisco, USA, Dec 2009
- 45)Sigdel, M., and M. Ikeda : Spatial and temporal analysis of drought and summer precipitation in Nepal under climate change, International Scientific Congress on Climate Change (Climate Change: Global Risks, Challenges and Decisions), Copenhagen, Denmark, 10-12 March 2009
- 46) Kurien, P., M. Ikeda and K.V. Valsala Kurien, P. : Mesoscale variability along the east coast of India in spring and fall revealed in satellite data and OGCM, PICES Annual Meeting, Jeju, Korea, Oct 2009
- 47)Sigdel, M., and M. Ikeda : Winter precipitation system around Nepal revealed by atmospheric circulations, moisture budget and teleconnections, American Geophysical Union (AGU) fall meeting, San Francisco, USA, 14-18 Dec 2009
- 48)Kurien, P., M. Ikeda and K.V. Valsala Kurien, P. : Mesoscale variability along the east coast of India in spring and fall revealed in satellite data and OGCM, Hokkaido University Sustainability Week Symposium, Sapporo, Japan, 6 Nov 2009
- 49) A. Ishida, Y. Sasai, Y. Yamanaka, H. Sasaki, : Water mass transport in the Arabian Sea: an idealized tracer study using OFES, Second OFES International Workshop and ESC-IPRC Joint Workshop on Computationally-Intensive Modeling of the Climate System, Honolulu, U.S.A., 9-10 Dec 2009
- 50)Oka, A., H. Hasumi, H. Obata, T. Gamo, Y. Yamanaka, : Study on vertical profiles of rare earth elements by using an ocean general circulation model, GEOTRACES Data-Model Synergy Workshop Paris, France, 7-10 Dec 2009
- 51)M. Shigemitsu, Y. Yamanaka, Y.W.Watanabe, I. Kriest, A. Oschlies, N. Okada, N. Maeda, S. Noriki, : Seasonal characteristics of the carbon isotope biogeochemistry of settling particles in the western subarctic Pacific: a model study, GEOTRACES Data-Model Synergy Workshop, Paris, France, 7-10 Dec 2009
- 52)M. Fujii, Y. Yamanaka : Effects of storms on primary productivity and air-sea CO₂ exchange in the subarctic western North Pacific: a modeling study, SOLAS Open Science Meeting, Barcelona, Spain, Nov 16-19
- 53)T.Hashioka, M. Vogt, M.N. Aita, S. Alvain, L. Bopp, E. Buitenhuis, S. Doney, I. Lima, C. Le Quéré, Y. Yamanaka, : Preliminary results of MAREMIP: Seasonal Distribution of PFTs, MARine Ecosystem Model Intercomparison Project Kickoff workshop,

Cambridge, UK, 28-30 Oct 2009

54) M. Vogt, C. Le Quéré, S. Alvain, L. Bopp, E. Buitenhuis, S. Doney, T. Hashioka, I. Lima, A. Maki, Y. Yamanaka : PFT niches in the global ocean: First results from the MARine Ecosystem Model Inter-comparison Project (MAREMIP), MARine Ecosystem Model Intercomparison Project Kickoff workshop, Cambridge, UK, 28-30 Oct 2009

55) Y. Yamanaka : Introduction to NEMURO family, MARine Ecosystem Model Intercomparison Project Kickoff workshop, Cambridge, UK, 28-30 Oct 2009.

56) Yasuhiro Yamanaka, S. Lan Smith, Hiroshi Sumata, Naoki Yoshie, Taketo Hashioka, Takeshi Okunishi, Masahiko Shigemitsu, Maki N. Noguchi, Naosuke Okada : New NEMURO-based model incorporating the iron cycle, PICES 18th Annual Meeting, Jeju, Korea, Oct 23-Nov 1 2009

57) Takeshi Okunishi, Shin-ichi Ito, Atsushi Kawabata, Hiroshi Kubota, Taketo Hashioka, Hiroshi Sumata, Yasuhiro Yamanaka : A multi-trophic level ecosystem modeling for understanding mechanism of the small pelagic fish species alternation, PICES 18th Annual Meeting, Jeju, Korea, Oct 23-Nov 1 2009

58) Akihiko Yatsu, Sanae Chiba, Yasuhiro Yamanaka, Shin-ichi Ito, Yugo Shimizu, Masahide Kaeriyama, Yoshiro Watanabe : Future of Kuroshio/Oyashio ecosystems: an outcome of the CFAME Task Team and WG20, PICES 18th Annual Meeting, Jeju, Korea, Oct 23-Nov 1 2009

59) Yumiko Yara, Masahiko Fujii, Yasuhiro Yamanaka, Naosuke Okada, Hiroya Yamano, Kazuhiro Oshima : Projected effects of global warming on coral reefs in seas close to Japan, PICES 18th Annual Meeting, Jeju, Korea, Oct 23-Nov 1 2009

60) Fumitake Shido, Shin-ichi Ito, Taizo Morioka, Naoto Murakami, Takashi Ichikawa, Norio Shirafuji, Tadashi Andoh, Yasuhiro Ueno, Yasuhiro Yamanaka : Influence of temperature on cruising speed of Pacific saury: laboratory experiments with simple video techniques, PICES 18th Annual Meeting, Jeju, Korea, Oct 23-Nov 1 2009

61) Hiroshi Sumata, Taketo Hashioka, Maki N. Aita, Naoki Yoshie, Tatsuo Suzuki, Takashi T. Sakamoto, Naosuke Okada, Yasuhiro Yamanaka : Effects of eddy transport on the nutrient supply into the euphotic zone simulated in an ocean ecosystem model, PICES 18th Annual Meeting, Jeju, Korea, Oct 23-Nov 1 2009

62) Naoki Yoshie, Shin-ichi Ito, Kosei Komatsu, Takuhiko Kameda, Tsuneo Ono, Kiyotaka Hidaka, Toru Hasegawa, Akira Kuwata, Miwa Nakamachi, Yuji Okazaki, Takeshi Okunishi, Kazuaki Tadokoro, Hiroaki Saito, Yasuhiro Yamanaka : Comparison of two marine ecosystem models NEMRUO and eNEMURO in the western North Pacific, PICES 18th Annual Meeting, Jeju, Korea, Oct 23-Nov 1 2009

63) Y. Yamanaka : Model Benchmarking: MAREMIP, 5th AIMES Scientific Steering

Committee Meeting, California, USA, 1-2 Oct 2009

64)Yoshio Masuda, Yasuhiro Yamanaka : High CO₂ retained fraction in ocean sequestration estimated by a high resolution model,8th International Carbon Dioxide Conference,Jena, Germany, 13-19 Sep 2009

65)Akitomo Yamamoto, Yasuhiro Yamanaka, Eiichi Tajika : Modeling of methane bubbles released from sea-floor gas hydrate, PAGES 1st Young Scientist Meeting (YSM), Corvallis, OS, USA, 6-7July 2009

66)Y. Yamanaka : Forecasting and predicting marine ecosystem responses to climate change, 3rd GLOBEC/IGBP Open Science Meeting Victoria, Canada, 22-26 Jun 2009

67)Naoki Yoshie, Kosei Komatsu, Shin-ichi Ito, Takuhiko Kameda, Tsuneo Ono, Kiyotaka Hidaka, Toru Hasegawa, Akira Kuwata, Miwa Nakamachi, Yuji Okazaki, Takeshi Okunishi, Kazuaki Tadokoro, Hiroaki Saito, Yasuhiro Yamanaka : Dynamics of lower-trophic-level ecosystems in five ecological regions in the western North Pacific simulated by an ecosystem model eNEMURO, 3rd GLOBEC/IGBP Open Science Meeting, Victoria, Canada, 22-26 Jun 2009

68)Takeshi Okunishi, Taketo Hashioka, Takashi Sakamoto, Naoki Yoshie, Hiroshi Sumata, Shin-ichi Ito, Yumiko Yara, Yasuhiro Yamanaka : Impacts of climate change on growth and migration of Japanese sardine (*Sardinops melanostictus*) in the western North Pacific,3rd GLOBEC/IGBP Open Science Meeting,Victoria, Canada, 22-26 Jun 2009

69)Hiroshi Sumata, Taketo Hashioka, Naosuke Okada, Maki N. Aita, Naoki Yoshie, Takashi T. Sakamoto, Tatsuo Suzuki, Yasuhiro Yamanaka : Eddy permitting simulations of 3D-NEMURO in the global ocean, 3rd GLOBEC/IGBP Open Science Meeting, Victoria, Canada, 22-26 Jun 2009

70) M. Vogt, M. Racault, S. Vallina, C. Le Quere, E. Buitenhuis, S. Alvain, O. Aumont, L. Bopp, S. Doney, T. Hashioka, I. Lima, M N. Aita, Y. Yamanaka : Marine ecosystems and their role for biogeochemical cycling in a changing world, International Symposium on Simulation Science for Safety, Tokyo, Japan, 19 Jun 2009

71)Y. Yamanaka : Predicting marine ecosystem responses to climate change, International Symposium on Simulation Science for Safety, Tokyo, Japan, 19 Jun 2009

72)Hiroshi Sumata, Taketo Hashioka, Naosuke Okada, Maki Aita, Takashi T. Sakamoto, Tatsuo Suzuki, Yasuhiro Yamanaka : Nutrient supply in the surface euphotic layer simulated in an eddy-permitting ocean ecosystem model, IGBP Symposium "Frontier of integrated research activities on east Asian and global environment" Otaru, Japan, 14 Apr 2009

- 73) Masahito Shigemitsu : Which ballast minerals control the flux of organic matter to the bathypelagic zone in the western subarctic Pacific, opal or CaCO₃?, IGBP Symposium "Frontier of integrated research activities on east Asian and global environment" Otaru, Japan, 14 Apr 2009
- 74) Yoshio Masuda: A numerical study with eddy-resolving model to minimize biological impacts in CO₂ ocean sequestration, IGBP Symposium "Frontier of integrated research activities on east Asian and global environment" Otaru, Japan, 14 Apr 2009
- 75) Ryota Shibano : Response of marine ecosystem to typhoon passage, IGBP Symposium "Frontier of integrated research activities on east Asian and global environment" Otaru, Japan, 14 Apr 2009
- 76) Akitomo Yamamoto : Modeling of methane bubbles released from sea-floor area: Condition required for methane emission to the atmosphere, IGBP Symposium "Frontier of integrated research activities on east Asian and global environment" Otaru, Otaru, Japan 14 Apr 2009
- 77) Yasuhiro Yamanaka : Future Projection of marine biogeochemical cycling and fish resources in the North Pacific, IGBP Symposium "Frontier of integrated research activities on east Asian and global environment" Otaru, Japan, 14 Apr 2009
- 78) S. L. Smith, Yasuhiro Yamanaka, Markus Pahlow, Andreas Oschlies : Optimal uptake kinetics: physiological acclimation explains the pattern of nitrate uptake by phytoplankton in the ocean, American Society of Limnology and Oceanography "Aquatic Sciences Meeting 2009" Nice, France, Jan 25-Jan 30 2009
- 79) M. Shigemitsu, Y. Yamanaka, Y. W. Watanabe, N. Maeda, S. Noriki : Interpretation of the carbon isotopic signal variations of settling particles in the western subarctic Pacific using a one-dimensional ecosystem model including carbon isotopes, American Society of Limnology and Oceanography "Aquatic Sciences Meeting 2009" Nice, France, Jan 25-Jan 30, 2009
- 80) Ayumi Fujisaki, Hajime Yamaguchi and Humio Mitsudera : Investigation of ice-ocean coupled system in the Sea of Okhotsk using a numerical model, Mombetsu-09symposium, Monbestu, Japan, 17 Feb 2009
- 81) Ayumi Fujisaki, Hajime Yamaguchi and Humio Mitsudera : Investigation of ice-ocean coupled system in the Sea of Okhotsk using a numerical model, International Workshop on Modeling the Ocean: Dynamics, Syntheses and Prediction (POM Workshop) Taipei, Taiwan, 23-26 Feb 2009
- 82) Humio Mitsudera, Junji Matsuda, Tomohiro Nakamura, Keisuke Uchimoto, Takuya Nakanowatari, Naoto Ebuchi : Wind- and buoyancy-driven overturning circulation in the Sea of Okhotsk, Mombetsu-09symposium, Monbestu, Japan, 17 Feb 2009

- 83) Yusuke Kawaguchi, Sohey Nihashi, Kay. I. Ohshima, Humio Mitsudera, : Formation of broad polynya opening of coastal polynya, Mombetsu-09symposium, Monbestu, Japan, 17 Feb 2009
- 84) Yusuke Kawaguchi, Humio Mitsudera : Effects of Along-shore Wind on Dense Shelf Water Formation beneath coastal polynyas, application to the Sea of Okhotsk, Gordon research conference、 Polar Marine Science, Lucca, Italy, March 2009
- 85)Mitsudera, H. : Overturning circulation in the Sea of Okhotsk and the western North Pacific, and its potential impacts on biogeochemical processes, ESSAS Science Meeting, Seattle, USA, 18 June 2009
- 86) Humio Mitsudera : Modeling intermediate water and iron transport in the Sea of Okhotsk and the northern North Pacific : International Symposium on “Environmental Conservation of the Sea of Okhotsk: Cooperation between Japan, China and Russia”, Sapporo, Japan, 7 Nov 2009
- 87)Takeo Onishi and Humio Mitsudera : Numerical Simulation of Dissolved Iron Production and Transport in the Amur river and the Sea of Okhotsk, International Symposium on “Dilemma of Boundaries-Toward a New Concept of Catchment-“ Kyoto, Japan, 20 Oct 2009
- 88)"H. Mitsudera, J. Matsuda, T. Nakamura, : K. Uchimoto, T. Nakanowatari, N. Ebuchi" : Wind and buoyancy effects on meridional overturning circulation in the Sea of Okhotsk, IAMAS-IAPSO-IACS Joint Assembly MOCA-09, Motreal, Canada, 19-29 July 2009
- 89)Uehara, H., A. Kruts, Y. Volkov, T. Nakamura, J. Nishioka, T. Ono, H.Mitsudera : A New Climatology of the Sea of Okhotsk with Isopycnal averaging, IAMAS-IAPSO-IACS Joint Assembly MOCA-09, Motreal, Canada, 19-29 July 2009
- 90)Humio Mitsudera, Keisuke Uchimoto and Tomohiro Nakamura : Mechanisms of the cold water belt formation off the Soya Warm Current, PICES-2009,Jeju, Korea 23 Oct 0 Nov 2009
- 91) Uchimoto, K., T. Nakamura, J. Nishioka, H. Mitsudera, M. Yamamoto-Kawai, K. Misumi, and D. Tsumune : A simulation of chlorofluorocarbons in the Sea of Okhotsk, , Jeju, Korea, 23 Oct-1 Nov 2009
- 92) Horinouchi, T. : Spatial structures of gravity waves from COSMIC GPS RO data, ISSI Team Meeting, Merging Space- and Ground-based Observational Constraints for Gravity Wave Parameterizations in Climate Models, Bern, Swtzerland, 22 Feb 2009
- 93) NOMURA Daiki, GRADINGER Rolf, EICKEN Hajo, SHIRASAWA Kunio : Air-sea ice CO₂ flux over landfast sea ice in the Arctic Ocean, off Barrow, Alaska, オホーツク海氷海研究グループ, Monbestu, Japan, 15-19 Feb 2009

94)LEPPÄRANTA M., JAATINEN E., KIILTOMÄKI A., JÄRVINEN O., SHIRASAWA
K. : Measurements of light transfer through lake ice cover, 5th Intl. Conference in
Optics of Natural Waters, St. Petersburg, Russia, Sep 2009