

## Refereed Publications:

1. Yoshimua, T., Nishioka, J., Ogawa, H., Kuma, K., Saito, H., Tsuda, A. (2014) Dissolved organic phosphorus production and decomposition during open ocean diatom blooms in the subarctic Pacific. *Marine Chemistry* 165: 46-54. DOI: 10.1016/j.marchem.2014.08.003
2. Tsuda, A., Saito, H., Kasai, H. (2014) Vertical distributions of large ontogenetically migrating copepods in the Oyashio region during their growing season. *Journal of Oceanography* 70, 123-132. DOI 10.1007/s10872-013-0214-4. 2014.02.12.
3. Nosaka, Y., Isada, T., Kudo, I., Saito, H., Hattori, H., Tsuda, A., Suzuki, K. (2014). Light utilization efficiency of phytoplankton in the Western Subarctic Gyre of the North Pacific during summer. *Journal of Oceanography* 70, 91-103. DOI 10.1007/s10872-013-0217-1
4. Shiozaki, T., Ito, S., Takahashi, K., Saito, H., Nagata, T., Furuya, K. (2014) Regional variability of factors controlling the onset timing and magnitude of spring algal blooms in the northwestern North Pacific. *J. Geophys. Res., Oceans.* 119,1-13, doi:10.1002/2013JC009187
5. 浜崎恒二・石坂丞二・齊藤宏明・杉崎宏哉・鈴木光次・高橋一生・千葉早苗 (2013) 海洋学の10年展望(III) - 日本海洋学会将来構想委員会生物サブグループの議論から - . *海の研究* 22(6), 253-272. 2013.11
6. Yamashita, Y., Nosaka, Y., Suzuki, K., Ogawa, H., Takahashi, K., Saito, H. (2013) Photobleaching as a factor controlling spectral characteristics of chromophoric dissolved organic matter in open ocean. *Biogeosciences* 10, 7207-7217 doi:10.5194/bg-10-7207-2013.
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8. Sogawa, S., Sugisaki, H., Saito, H., Okazaki, Y., Shimode, S., Kikuchi, T. 2013. Congruence between euphausiid community and water region in the northwestern Pacific. Particularly in the Oyashio-Kuroshio Mixed Water Region. *Journal of Oceanography* 69, 71-85 doi:10.1007/s10872-012-0158-0

9. Kondo, Y., Takeda, S., Nishioka, J., Sato, M., Saito, H., Suzuki, K., Furuya, K. (2013) Growth stimulation and inhibition of natural phytoplankton communities by model organic ligands in the western subarctic Pacific. *Journal of Oceanography* 69, 97-115  
10.1007/s10872-012-0160-6 [\[PDF\]](#)
10. Yamada, N., Fukuda, H., Ogawa, H., Saito, H., Suzumura, M. (2012) Heterotrophic bacterial production and extracellular enzymatic activity in sinking particulate matter in the western North Pacific Ocean. *Frontiers in Microbiology* 3:379.  
doi:10.3389/fmicb.2012.00379 3 [\[PDF\]](#)
11. Suzuki, K., Kuwata, A., Yoshie, N., Shibata, A., Kawanobe, K., Saito, H. (2011) Population dynamics of phytoplankton, heterotrophic bacteria, and viruses during the spring bloom in the western subarctic Pacific. *Deep-Sea Research Part I*. 58, 575-589.  
[doi:10.1016/j.dsr.2011.03.003](https://doi.org/10.1016/j.dsr.2011.03.003)
12. Nishioka, J., Ono, T., Saito, H., Sakaoka, K., Yoshimura, T. (2011) Oceanic iron supply mechanisms which support the spring diatom bloom in the Oyashio region, western subarctic Pacific. *Journal of Geophysical Research, Oceans*. 116, C02021  
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13. Ito, S., Yoshie, N., Okunishi, T., Ono, T., Okazaki, Y., Kuwata, A., Hashioka, T., Rose, K. A., Megrey, B. A., Kishi, M. J., Nakamachi, M., Shimizu, Y., Kakehi, S., Saito, H., Takahashi, K., Tadokoro, K., Kusaka, A., Kasai, H. (2010) Application of an automatic approach to calibrate the NEMURO nutrient-phytoplankton-zooplankton food web model in the Oyashio region. *Progress in Oceanography* 57, 186-200.  
[doi:10.1016/j.pocean.2010.08.004](https://doi.org/10.1016/j.pocean.2010.08.004)
14. Isada, T., Hattori-Saito, A., Saito, H., Ikeda, T., Suzuki, K. (2010) Primary productivity and its bio-optical modeling in the Oyashio region, NW Pacific during the spring bloom 2007. *Deep-Sea Research II* 57, 1653-1664. [doi:10.1016/j.dsr2.2010.03.009](https://doi.org/10.1016/j.dsr2.2010.03.009)
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17. Nagao, I., Hashimoto, S., Suzuki, K., Toda, S., Narita, Y., Tsuda, A., Saito, H., Kudo, I., Kato, S., Kajii, Y., Uematsu, M. (2009) Responses of DMS in the seawater and atmosphere to iron enrichment in the subarctic western North Pacific (SEEDS-II). *Deep-Sea Research II* 56, 2899-2917 [[doi:10.1016/j.dsr2.2009.07.001](https://doi.org/10.1016/j.dsr2.2009.07.001)]
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23. Isada, T., Kuwata, A., Saito, H., Ono, T., Ishii, M., Yoshikawa-Inoue, H., Suzuki, K. (June 2009) Photosynthetic features and primary productivity of phytoplankton in the Oyashio

and Kuroshio-Oyashio transition regions of the northwest Pacific. *Journal of Plankton Research* 31, 1009-1025 [doi:10.1093/plankt/fbp050] [\[PDF\]](#)

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