

2017年度生元素動態分野 セミナー

Date Time	Presenter	Title
2017/4/18 10:30~	永田先生	安全衛生などの説明会
2017/4/25 10:30~	岸波	Production of refractory dissolved organic matter in aerobic/anaerobic conditions - My Research Conception & Progress Report
2017/5/16 10:00~	木山	論文紹介: Picoplankton contribution to biogenic silica stocks and production rates in the Sargasso Sea Global Biogeochem. Cycles, 31, doi:10.1002/2017GB005619 Krause, J. W., M. A. Brzezinski, S. B. Baines, J. L. Collier, B. S. Twining, and D. C. Ohnemus (2017)
	全	論文紹介: Radiocarbon in dissolved organic and inorganic carbon of the Arctic Ocean Geophys. Res. Lett., 44, doi:10.1002/2016GL072138 Druffel, E. R. M., S. Griffin, C. S. Glynn, R. Benner, and B. D. Walker (2017)
2017/5/30 10:30~	ゲストセミナー (JAMSTEC・松林順さん)	Segmental analysis of vertebrae to reconstruct the isotope chronology of teleost fishes 硬骨魚類の脊椎骨の切片分析による、同位体比履歴の復元
2017/6/6 10:30~	佐藤	Evidence for the respiration of ancient terrestrial organic C in northern temperate lakes and streams Proc Natl Acad Sci USA 109(42): 16963-16968. doi:10.1073/pnas.1207305109 McCallister SL, del Giorgio PA (2012)
2017/6/13 10:30~	ゲストセミナー (AORI・伊佐治雄太さん)	Biogeochemical cycle of the microbial mat in the shallow hypersaline environment revealed by compound-specific isotope analysis of chloropigments
2017/6/20 10:30~	呂	Optical properties and dynamics of dissolved organic matter in Otsuchi Bay using UV-Vis absorbance and fluorescence spectroscopy

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2017/6/27 10:00~	Wyatt	Research update: Isotope discrimination in the world's largest fish & A short introduction to Dongsha Atoll
	岸波	Assessment of anaerobic microbial dissolved organic matter production – focusing on anaerobic metabolism and chemical properties (Progress report of my master course study)
2017/7/4 10:30~	全	研究発表: Measurement of radiocarbon in marine dissolved organic carbon by UV oxidation using grid lamps of low pressure mercury
2017/7/11 10:30~	楊	研究発表: Seasonal and inter-annual variability in virus and bacterial abundances in an embayment of the north-east Pacific coast of Japan: possible influence of tsunami-induced disturbances following the 2011 mega-earthquake
2017/7/18 10:30~	佐藤	研究発表: Radiocarbon of benthic food webs under the alternative influence of subarctic and subtropical waters in the western North Pacific
	森本	研究発表: Effect of river discharge and mariculture on dissolved inorganic carbon (DIC) in the Philippines: evaluation of DIC dynamics using $\delta^{13}\text{CDIC}$
2017/10/17 10:30~	岸波	(内容) 論文紹介・研究報告 (論文) Title: Processing of humic-rich riverine dissolved organic matter by estuarine bacteria: effects of predegradation and inorganic nutrients E. Asmala, R. Autio, H. Kaatokallio, C.A. Stedmon and D.N. Thomas (Aquat Sci (2014) 76:451–463) (研究報告) Progress of my master study – Monitoring oxygen-consumption experiment by glutamate-added marine bacteria

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2017/10/24 10:30~	佐藤	The radiocarbon age of sedimentary organic carbon and diets of consumers in Otsuchi Bay
2017/11/7 10:30~	全	Pacific carbon cycling constrained by organic matter size, age and composition relationships, Nature Geoscience, 9, doi:10.1038/NGEO2830, Walker, B. D., S. R. Beupre, T. P. Guilderson, M. D. McCarthy, and E. R. Druffel (2016)
2017/11/28 10:30~	楊	Alban Ramette (2007) Multivariate analyses in microbial ecology. FEMS Microbiol Ecol 62:142-160
	Wyatt	Internal wave dynamics and the ecology of coral reefs: Preliminary physics from Iriomote-jima and Dongsha Atoll
2017/12/12 10:30~	呂	The characteristics of fluorescent dissolved organic matter in Otsuchi Bay
2017/12/18 15:00~	James Leichter (ゲストセミナー)	the foreign guest researcher from Scripps Institution of Oceanography, Title: Regional and Long-term Ocean Stratification Dynamics Drive Community Zonation Patterns on Pacific Coral Reefs
2017/12/19 10:30~	森本	Effect of mariculture and river discharge on dissolved inorganic carbon (DIC) in the Philippines: evaluation of DIC dynamics using $\delta^{13}C_{DIC}$
	佐藤	Radiocarbon of dissolved inorganic carbon in the Oyashio and Kuroshio mixed region

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2018/1/9 10:30~	全	Improvement of photochemical extraction system for radiocarbon study of dissolved organic carbon using grid lamps of low pressure mercury
2018/1/16 10:30~	岸波	Trend in marine microbial processes of utilization of labile organic carbon source - From two perspective of degradation efficiency and oxygen consumption
2018/1/23 10:30~	石山	『 $\Delta^{14}C$ 値を用いたサケの産卵戦略に関する研究』