

JpGU 2020 "Biogeochemistry" DFS, Flash talks (13th, July, 2020); 1min (2min at the best) for each flash talk.

DFS3	TIME	Presentation #	Title	Presenter(s)
1045-1130	1045-1050		Announcements	Session conveners
	1050-1052	MIS25-01	土壌微生物と植物の窒素獲得競争：安定同位体比からの再検討 Competition for inorganic-N between soil microbes and plants?	*木庭 啓介 *Keisuke Koba
	1053-1055	MIS25-02	土壌における鉄・アルミニウムと有機物の局在化とその支配要因 Co-localization of iron and aluminum with organic matter across a range of soils: a density-based approach	*和碩 朗太、梶浦 雅子、浅野 真希 *Rota Wagai, Masako Kajjura, Maki Asano
	1056-1058	MIS25-P04	放牧・耕作地由来の窒素が分水嶺を超えて森林渓流水質に与える影響 Nitrate contamination of mountainous headwater streams from adjacent agricultural and pasture lands beyond the watershed boundary in eastern Hokkaido, Japan	*福島 慶太郎、岩崎 健太、小田 義也、塙 優、大西 雄二、木庭 啓介、堅田 元壽、山口 高志、久保田 智大、永野 博彦、渡辺 誠、小嵐 淳 *Keitaro Fukushima, Kenta Iwasaki, Yoshiya Oda, Masaru Sakai, Yuji Onishi, Keisuke Koba, Genki Katata, Takashi Yamaguchi, Tomohiro Kubota, Hirohiko Nagano, Makoto Watanabe, Jun Koarashi
	1059-1101	MIS25-04	屋久島の7300年間の土壌酸性化を推定する Estimating soil acidification rates for 7300 years in Yakushima Island, Japan	*藤井 一至、金谷 整一、手塚 賢至 *Kazumichi Fujii, Seiichi Kanetani, Kenshi Tetsuka
	1102-1104	MIS25-05	密度の異なるヒノキ林において気象条件が幹成長の年変動に及ぼす影響 Effects of climate conditions on annual stem growth in hinoki cypress forests with different stand densities	*福垣 善之、深田 英久、渡辺 直史 *Yoshiyuki Inagaki, Hidehisa Fukata, Naoshi Watanabe
	1105-1107	MIS25-06	干潟の高濃度リン酸を生み出す新供給源：岩石の風化実験及び現地観測による実証 New sources to create elevated concentration of phosphate in tidal flats: demonstration through rock weathering experiments and field observations	永田 光陽、*楊 宗興 Nagata Kohyoh, *Muneoki Yoh
	1108-1110	MIS25-07	日本の窒素収支評価の精緻化における生物地球化学面の課題 Biogeochemical aspects to improve Japanese nitrogen budgets estimation	*林 健太郎、柴田 英昭、江口 定夫、種田 あずさ、仁科 一哉、伊藤 昭彦、片桐 究、新藤 純子、谷 保静、Winiwarter Wilfried *Kentaro Hayashi, Hideaki Shibata, Sadao Eguchi, Azusa Oita, Kazuya Nishina, Akihiko Ito, Kiwamu Katagiri, Junko Shindo, Baojing Gu, Wilfried Winiwarter
	1111-1113	MIS25-08	Closed System Synthetic Groundwater Mesocosm Study of Facultative Anaerobic Nitrate Biogeochemistry	*Ned Murphy
	1114-1116	MIS25-10	Contribution of vegetation to methane emission produced in the soil of an upland forest: a 13CH4-labelling approach	*Daniel EPRON, Caroline PLAIN
	1117-1119	MIS25-11	Nitrogen management in two maize systems of the Tanzanian highlands: approaching the balance of food and environmental objectives	*Jinsen Zheng, Shinya Funakawa
	1120-1122	MIS25-15	有色溶存有機物(CDOM)から見る西部北太平洋及び北部ベーリング海の水塊構造と栄養塩分布 The water mass structure and nutrients distribution were revealed using colored dissolved organic matter (CDOM) in the western north Pacific Ocean and the northern Bering Sea	*大井田 穰示、平澤 享、山下 洋平、阿部 泰人、西岡 純、和賀 久朗、野村 大樹 *Joji Oida, Toru Hirawake, Youhei Yamashita, Hiroto Abe, Jun Nishioka, Hisatomo Waga, Daiki Nomura
DFS4	TIME	Presentation #	Title	Presenter(s)
1130-1215	1130-1132	MIS25-09	海洋性アナモックス細菌"Ca. Scalindua sp." の酸素同位体分別 Oxygen isotope effect and exchange of a marine anammox species; "Ca. Scalindua sp."	*小林 香苗、福島 慶太郎、大西 雄二、仁科 一哉、眞壁 明子、押木 守、木庭 啓介、岡部 聡 *Kanae Kobayashi, Keitaro Fukushima, Yuji Onishi, Kazuya Nishina, Akiko Makabe, Mamoru Oshiki, Keisuke Koba, Satoshi Okabe
	1133-1135	MIS25-P01	広域スケールの自然起源陸域メタン放出とその安定炭素同位体比のモデル推定 Model estimation of natural terrestrial methane emission and their stable carbon isotope ratio at broad scale	*伊藤 昭彦 *Akihiko Ito
	1136-1138	MIS25-P02	現場環境下における都市河川中の脱窒・同化・硝化速度定量化開発 In-situ determination of denitrification, assimilation, and nitrification rates in urban streams	*中川 書子、鈴木 謙介、伊藤 昌雅、角皆 潤 *Fumiko Nakagawa, Kensuke Suzuki, Masanori Ito, Urumu Tsunogai
	1139-1141	MIS25-P03	Are sediment-derived long-chain n-alkanes a reliable paleoenvironmental indicator?	*Vijayananda Sarangi, Prasanta Sanjyal
	1142-1144	MIS25-P05	バクテリア核酸の炭素窒素安定同位体比測定 Stable carbon and nitrogen isotope analysis of bacterial nucleic acid	*大西 雄二、福島 慶太郎、木庭 啓介 *Yuji Onishi, Keitaro Fukushima, Keisuke Koba
	1145-1147	MIS25-P06	安定同位体比による食性解析から見る嵐山ニホンザル群の個体差 Individual specificity of feeding habit analyzed by stable isotope in a group of Japanese macaque.	*舟川 一穂、木庭 啓介 *Kazuho Funakawa, Keisuke Koba
	1148-1150	MIS25-P07	吉野川水系の河川水質にみられる流域地質、遡上水水および人為起源物質の影響 Geological, anthropogenic and tidal effects for stream water chemistry of the Yoshinogawa river systems in the Shikoku region	*横尾 頼子、長山 早希、吉田 知洋、安間 了 *Yoriko Yokoo, Saki Nagayama, Tomohiro Yoshida, Ryo Anma
	1151-1153	MIS25-P08	火山性酸性河川の生物地球化学的特徴と底生生物群集構造 Biogeochemistry and benthic community structure of volcanic stream ecosystems in northern Japan	*丸茂 一貴、岩田 智也、青谷 晃吉、谷田 一三、野田 悟子、河西 希、雪真 弘 *Kazuki Marumo, Tomoya Iwata, Kokichi Aoya, Kazumi Tanida, Satoko Noda, Nozomi Kasai, Masahiro Yuki
	1154-1156	MIS25-P09	安定同位体測定を用いた淡水生物寄生虫類の宿主-寄生関係の解明 Determine of host-parasitic relationship of freshwater parasites using stable isotope analysis	*木下 桂、福島 慶太郎、大西 雄二、木庭 啓介 *Kei Kinoshita, Keitaro Fukushima, Yuji Onishi, Keisuke Koba
	1157-1159	MIS25-P10	Variation among carbon isotopes of plants growing in mixed evergreen-deciduous ecosystem.	*AKANKSHA RAI, Biswajit Roy, Padmasini Behera, Prasanta Sanjyal
	1200-1202	MIS25-P11	北海道北部の林床植生が密生する天然林集水域における異なる森林施業が窒素溶脱に及ぼす影響 Effect of watershed-scale practical forest management on nitrogen leaching in a cool-temperate natural forest in northern Japan	*福澤 加里部 *Karibu Fukuzawa
	1203-1205	MIS25-P12	Interaction between marine bacterial community and dissolved organic matter released by pelagic phytoplankton	*多田 雄哉、鈴木 光次、山下 洋平 *Yuya Tada, Koji Suzuki, Youhei Yamashita
	1206-1208	MIS25-P13	北海道東部の冷温帯林における亜酸化窒素発生量と環境要因の関連性 Relationship of N2O emission and environmental factor between different vegetation in a cool temperate	*長根 美和子、柴田 英昭、内田 義崇、館野 隆之輔、杉本 敦子 *Miwako Nagane, Hideaki Shibata, Yoshitaka Uchida, Ryunosuke Tateno, Atsuko Sugimoto
	1209-1211	MIS25-12	Linking stoichiometric organic carbon-nitrogen relationships to planktonic cyanobacteria and subsurface methane maximum in deep freshwater lakes	Khatun Santona、*岩田 智也、小島 久弥、五十嵐 由輝、山南 果奈、今澤 大智、田中 健太、篠原 隆一郎、斎藤 裕美 Santona Khatun、*Tomoya Iwata, Hisaya Kojima, Yoshiaki Ikarashi, Kana Yamanami, Daichi Imazawa, Tanaka Kenta, Ryuichiro Shinohara, Hiromi Saito