

2023 年度 研究実績

論文

1. Guyo Rendilicha Halake、Wang Kunyang、Saito Mitsuyo、Onodera Shin-ichi、Shimizu Yuta、Moroizumi Toshitsugu
Spatiotemporal shallow and deep groundwater dynamics in a forested mountain catchment with diverse slope gradients, western Japan
Groundwater for Sustainable Development 25
DOI 10.1016/j.gsd.2024.101150
2. Wang Kunyang、Onodera Shin-ichi、Saito Mitsuyo、Shimizu Yuta
Assessment of nitrogen budget in detailed spatial pattern using high precision modeling approach with constructed accurate agricultural behavior
Science of The Total Environment 912
DOI 10.1016/j.scitotenv.2023.169631
3. Ye Zhiping、Chen Jianyao、Liang Zuobing、Li Shaoheng、Onodera Shin-ichi、Saito Mitsuyo、Gopalakrishnan Gnanachandrasamy
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4. Tomozawa Yusuke、Onodera Shin-ichi、Saito Mitsuyo、Asai Kazuyoshi
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5 . Ye Zhiping、Chen Jianyao、Liang Zuobing、Li Shaoheng、Li Rui、Gao Lei、Jin Guangzhe、Shimizu Yuta、Onodera Shin-ichi、Saito Mitsuyo、Gopalakrishnan Gnanachandrasamy
Spatial and Temporal Variations and Risk Assessment of Heavy Metal Fractions in Sediments of the Pearl River Estuary, Southern China

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DOI 10.1007/s00244-023-00995-2

6 . Ishida Takuya、Tamura Masayuki、Kimbi Sharon Bih、Tomozawa Yusuke、Saito Mitsuyo、Hirayama Yasuyuki、Nagasaki Itaru、Onodera Shin-Ichi
Evaluation of Phosphorus Enrichment in Groundwater by Legacy Phosphorus in Orchard Soils with High Phosphorus Adsorption Capacity Using Phosphate Oxygen Isotope Analysis
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7 . Phuong Ho Thi、Kim Thanh Ha Thi、Huu Le Tien、Saito Mitsuyo
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8 . Leite Camila M. C.、Coutinho Jaqueline V.、Morita Alice K. M.、Pelinson Nat?lia S.、Saito Mitsuyo、Enzweiler Jacinta、Wendland Edson
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Evaluation of the Effects of Environmental Factors on Seasonal Variations in Fish Diversity on a Coastal Island in Western Japan
Environments 11

DOI 10.3390/environments11030060

地球惑星連合セッション (JpGU) 2023 年 5 月 21 日～26 日

1. Nang Yu War、Shin-ichi Onodera、Kunyang Wang、Yuta Shimizu、Mitsuyo Saito
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1 1. 石田 卓也、田村 真之、Kimb Sharon、友澤 裕介、齋藤 光代、平山 恭之、長坂 格、小野寺 真一

Assessment of the phosphorus leaching from phosphorus-saturated orchard soils

1 2. Nang Yu War、Shin-ichi Onodera、Kunyang Wang、Yuta Shimizu、Mitsuyo Saito
Evaluation of the performance of SWAT model in a karstic watershed by different calibration time steps

1 3. 王 崑陽、小野寺 真一、齋藤 光代

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1 4. 高 啓迪、小野寺 真一、齋藤 光代、友澤 裕介、松原 怜哉

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1 5. Muhammad Shahinur Rahman、Shin-ichi Onodera、Takuya Ishida、Mitsuyo Saito 、
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Impact of Anthropogenic phosphorus loading on authigenic apatite in marine sediment of Osaka Bay

1 6. Sai Tun Aung Si、Shin-ichi Onodera、Kunyang Wang、Mitsuyo Saito、Sharon Bih Kimbi

Water and Nutrients Budget in Agricultural and Urban Catchment

1 7. Wanna Zaw、Shin-ichi Onodera、Mitsuyo Saito、Hide Omae、Yoshiko Iizumi 、Yang Cao

Sediment budget and discharge at a small pond of an agricultural land in a subtropical island

陸水物理学会 第44回新潟大会 2023年11月11日

1. 小野寺真一、齋藤光代、王 崑陽、Rahman、細野高啓、梅澤 有、Ridwansyah、Rusydi
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2. 齋藤光代、Nguyen Hong Nhat、小野寺真一、秋永拓弥
沿岸物質収支に基づく島スケールでの海底湧水の空間分布評価

日本地下水学会 2023 年秋季講演会 2023 年 11 月 16 日～18 日

1. 阪田義隆、伊藤浩子、小野寺真一、長野克則

地域地下水情報データベース拡充に向けた資料の収集とその傾向

日本地理学会 2024 年春季学術大会 2024 年 3 月 19 日～21 日

1. 淩野敏久、塩路恒生、池田誠慈、小野寺真一、齋藤光代

クイズラリー・システムを使った環境教育プログラムの試作とエコミュージアム活動への展開

Sustainable management of water resource and nutrient cycle in Asian megacity catchment

2023 年 11 月 18 日～19 日

1. Shin-Ichi Onodera

Comparative Research in Osaka and Jakarta About Nutrient Cycle and Water Resources

2. Mitsuyo Saito

Nutrient Load and Environment of Osaka Bay

図書

「図説 日本の湧水：80 地域を探るサイエンス」

出版社：朝倉書店

著者：日本地下水学会（編）

刊行日：2023 年 11 月 1 日

ISBN：978-4-254-16280-6