

2024 年度 研究実績

論文

1. Takuya Ishida, Noboru Okuda, Shin-ichi Onodera, Mitsuyo Saito, Yusuke Tomozawa, Xin Liu, Naoshige Goto, Ken'ichi Osaka, Masahiro Maruo, Ichiro Tayasu, Syuhei Ban
Phosphate oxygen isotope insights into the coupled distribution of phosphorus, iron, and manganese in lake sediments
Chemical Geology 683, 20 June 2025
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2. Takuya Akinaga, Mitsuyo Saito, Shin-ichi Onodera, Fujio Hyodo
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Remote Sensing Applications: Society and Environment Volume 37, January 2025
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4. Sharon Bih Kimbi, Shin-ichi Onodera, Kunyang Wang, Ichirow Kaihotsu, Yuta Shimizu
Assessing the Impact of Urbanization and Climate Change on Hydrological Processes in a Suburban Catchment
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5 . Muhammad Shahinur Rahman, Shin-ichi Onodera, Mitsuyo Saito, Takuya Ishida, Kunyang Wang, Takahiro Hosono, Yu Umezawa

Phosphorus speciation in coastal sediment of Osaka Bay: relation to anthropogenic phosphorus loading

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7 . Yu War Nang, Shin-ichi Onodera, Kunyang Wang, Yuta Shimizu, Mitsuyo Saito

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8 . Rendilicha Halake Guyo, Kunyang Wang, Mitsuyo Saito, Shin-ichi Onodera, Yuta Shimizu, Toshitsugu Moroizumi

Spatiotemporal shallow and deep groundwater dynamics in a forested mountain catchment with diverse slope gradients, western Japan

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9 . 友澤 裕介, 小野寺 真一 , 齋藤 光代, 野崎 真吾

瀬戸内海島嶼部における降水および湧水の酸素・水素安定同位体比の季節変動と高度効果

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^{222}Rn を指標とした大阪湾沿岸域における地下水湧出の評価

月刊海洋 640、2024

1. Francis Jhun Tin-ao Macalam, Kunyang Wang, Shin-chi Onodera, Mitsuyo Saito, Yuko Nagano, Masatoshi Yamazaki

Estimation of streamflow and material transport in Chikugo river catchment using modeling approach

2. 齋藤 光代、小野寺 真一、濱田 麻友子、兵藤 不二夫、秋永 拓弥、Nguyen Nhat、高啓迪、松原 怜哉

Effects of terrestrial water and material transport on blue carbon ecosystems in a coastal island scale

3. 石田 卓也、小野寺 真一、Qidi Gao、松原 怜哉、齋藤 光代

Spatial distribution of phosphate oxygen isotope in tidal flats using passive sampling for understanding phosphate supply to seaweed beds.

4. 王 崑陽、小野寺 真一、齋藤 光代

流域間応用における水文モデルの利点と課題についての考察 — 淀川と大和川を例として

5. 小野寺 真一、Kimbi Sharon、齋藤 光代、浅野 敏久、友澤 裕介、浅井 和由

Estimation of groundwater flow in an urbanizing catchment for healthy groundwater and material cycle managements

6. 濱 侃、小野寺 真一、齋藤 光代

Investigation of Seagrass Meadow Community in Coral-Reef Lagoons by Remote Sensing Technology, Indonesia

7. 王 崑陽、小野寺 真一、齋藤 光代

時間刻みの水文モデルを使用した農村都市の集水域における豪雨時の窒素輸送の評価

8. 高 啓迪、小野寺 真一、齋藤 光代、友澤 裕介、松原 怜哉

Evaluation of the fresh and saline submarine groundwater discharge in a tidal flat area with different substrates

9. Nang Yu War, Shin-ichi Onodera, Kunyang Wang, Yuta Shimizu, Mitsuyo Saito

High temporal resolution SWAT modeling for assessing extreme hydrological events and sediment transport in steep catchments

10. Sharon Bih Kimbi, Shin-ichi Onodera, Takuya Ishida, Mitsuyo Saito, Masayuki Tamura, Itaru Nagasaka

Hydrochemical Dynamics in an Intensive Citrus Cultivation Island: Deciphering Natural and Anthropogenic Influences Amidst Depopulation and Population Aging

1 1 . Olawale Joshua Abidakun, Andreas Hartmann, Yan Liu, Mitsuyo Saito, Shin-ichi Onodera

Groundwater Gains and Losses Between Catchments in Saxony, Germany using Effective Catchment Index

1 2 . Wanna Zaw, Shin-ichi Onodera, Mitsuyo Saito, Sharon Bih Kimbi, Takuya Ishida, Muhammad Shahinur Rahman

Temporal variation in phosphorous fractionation of suspended sediment from 2022 to 2023 in Yamato River

1 3 . Nang Yu War, Shin-ichi Onodera, Kunyang Wang, Yuta Shimizu, Mitsuyo Saito
Evaluating sediment transport influences and management in steep sediment disaster vulnerable catchment

1 4 . SAI TUN AUNG SI, Shin-ichi Onodera, Sharon Bih Kimbi, Wanna Zaw, Mitsuyo Saito, Yusuke Tomozawa

Decreasing trend in suspended sediment concentration after the landslides in 2018 in a small suburban river

1 5 . Muhammad Shahinur Rahman, Shin-ichi Onodera, Mitsuyo Saito, Yu Umezawa, Kunyang Wang, Takahiro Hosono, Takuya Ishida

Carbon accumulation rates and stocks in a semi-enclosed bay under the influence of anthropogenic activities

1 6 . Nhat Hong Nguyen, Mitsuyo Saito, Shin-ichi Onodera, Mayuko Hamada, Fujio Hyodo, Hideaki Nagare

Coastal fish functional patterns correlated with environmental drivers in an island of Seto Inland Sea, Japan

1 7 . Rendilicha Halake Guyo, Kunyang Wang, Mitsuyo Saito, Shin-ichi Onodera, Toshitsugu Moroizumi

Evaluating Long-Term Forest Growth Effects on Catchment Groundwater Recharge: Considering Canopy Dynamics

1 8 . Francis Jhun Tin-ao Macalam, Kunyang Wang, Shin-ichi Onodera, Mitsuyo Saito, Yuko Nagano, Masatoshi Yamazaki

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19. Vinicius Rogel Paulino de Oliveira、Priscila Ikematsu、Reginaldo Antonio Bertolo、Leonardo de Andrade Capeleto、Tatiana Tavares、Shin-ichi Onodera、Mitsuyo Saito、Ricardo Hirata

Native tropical forest to treat contaminated urban rivers and increase groundwater availability in Brazil

水文・水資源学会 2024 年度総会・研究発表会 2024 年 9 月 10 日～12 日

1. Nang Yu War、Onodera Shin-ichi、Wang Kunyang、Shimizu Yuta、Saito Mitsuyo
Assessment of sediment yield variation and effective management in a steep flood-vulnerable catchment

日本地下水学会 2024 年秋季講演会 2024 年 10 月 17 日～19 日

1. 小野寺真一、Rusydi, Anna、齋藤光代、井岡聖一郎
汽水養殖がインドネシア沿岸帯水層に及ぼす影響
2. 齋藤光代、Nguyen Hong Nhat、小野寺真一、濱田麻友子、兵藤不二夫、永禮英明
沿岸島嶼スケールでの海底湧水の空間分布とその魚類相への影響

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東南アジア沿岸水資源に及ぼす汽水養殖および都市化の影響
2. 齋藤光代、Nguyen Hong Nhat、小野寺真一、濱田麻友子、兵藤不二夫、永禮英明
海底湧水が沿岸域の魚類分布へ及ぼす影響：瀬戸内海島嶼スケールでの検討
3. Nang Yu War、Shin-ichi Onodera、Kunyang Wang、Yuta Shimizu、Mitsuyo Saito
Influence of temporal resolution on sediment transport modeling in SWAT for high-flow events
4. Francis Jhun T. Macalam、Kunyang Wang、Shin-ichi Onodera、Mitsuyo Saito、Yuko Nagano、Masatoshi Yamazaki
Estimation of rainfall-runoff and water balance components for Chikugo River catchment using modeling approach

5. Qidi Gao, Shin-ichi Onodera, Mitsuyo Saito, Yusuke Tomozawa, Reiya Matsubara
Estimation of submarine groundwater discharge considering unsaturated zone on a tidal flat
with different substrates



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