

2020年度

佐倉市ユーカリが丘における持続的な住宅地開発

(Sustainable development of the residential suburb in Yukarigaoka, Sakura City)

東京を中心とした夏季強雨発現の年々変化の地域性

(Regional characteristics of interannual variations of heavy rainfall during summer in and around the Tokyo metropolitan area)

東京大都市圏における業務核都市への産業集積と通勤流動の変化

(Changes in the commuting patterns and industrial composition in functional core cities of Tokyo metropolitan area)

近接する活断層における破壊の連動性の検討

—北伊豆断層帯における丹那断層と分岐断層の例—

(Consideration of a co-movement of a rupturing of adjacent active faults – A case study of the Tanna fault and branch faults of the Kita-Izu fault zone)

植生遷移における若木の分布戦略

—微地形と若木生育適地の関係

(Distribution Strategy of Young Trees in Vegetation Succession: Relationship between Microtopography and Appropriate Location for Young Trees)

新型コロナウイルス流行による国内観光客の減少要因と観光スタイルの変化

(Factors behind the decrease in domestic tourists and changes in their tourism styles due to the spread of the COVID-19 in Japan)

伊豆大島火山、カルデラ形成以前のテフラ層準と噴火史の考察

(Establishment of tephrostratigraphy and consideration of eruption history before the caldera formation, Izu-Oshima Volcano)

干拓地における土壌の発達過程

(Soil developmental processes in Japanese Polder)

河成段丘礫の解析に基づく新潟県西部姫川下流域の中期更新世以降における地形発達史の復元

(Landform evolution since the middle Pleistocene estimated from features of fluvial terrace gravels at the lower reaches of the Himekawa River, western Niigata Prefecture, central Japan)

畳み込みニューラルネットワークを用いたリモートセンシング画像分類

—東京都心を事例として—

(Classification of remote sensing image using Convolutional Neural Network: A case study of central Tokyo)

2021年度

ENSOの発達・衰退を考慮したアジアモンスーンの年々変動の研究

(Interannual variability of the Asian monsoon with the consideration of the ENSO developing and decaying life cycle)

プロサッカークラブが地域に根付く過程

—静岡県磐田市を中心に県西部で活動するジュビロ磐田を事例に—

(The process that professional soccer clubs engrained into their local community: A case study of Jubilo Iwata, acting in the western part of the Shizuoka prefecture, Iwata City)

堆積学・環境学的指標に基づいた干潟の地形区分の再検討

—東京湾盤州干潟を例に—

(Reexamination of topographical classification of tidal flats based on sedimentological and environmental indicators in Banzu Tidal Flat, Tokyo Bay)

地理的な要因に着目したeコマース利用者の特徴把握と実店舗との関係性  
(Characteristics of e-commerce user from the viewpoint of geographical aspects and relationships with real store)

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日本における航空貨物輸送ネットワークと空港後背地の変化  
(Changes of Air Cargo Transportation Network and Airport Hinterland in Japan)

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樹木の根上がりと土塁地形の変位との関係  
(Relationship between tree root exposure and topographic displacement of earthwork)

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南岸低気圧による関東地方の降雪頻度とENSOの関係  
(Relationship between the South-coast cyclone related snowfall in the Kanto region in East Japan and ENSO)

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更新世における那珂川・久慈川流域の河成段丘と気候変化・海面変化の応答  
(Fluvial terraces in the Naka and Kuji River basins and their response to climatic and sea-level changes in the Pleistocene)

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東村山コアにおける第四紀前期のテフラ層序と地形発達過程  
(Early Quaternary tephrochronology and geomorphic development process in a borehole core in the Higashimurayama city, Musashino upland)

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東京における高学歴中国人の就業とライフコース  
(The employment and life course of highly educated Chinese in Tokyo)

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エコトーン形成の環境とその変化に関する地生態学的研究  
(Geo-ecological study on environment of shaping ecotones and their change in forest steppe area in Mongolia)

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東京都における書店チェーンの立地分析  
(Location analysis of bookstore chains in Tokyo Metropolis)

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夏季の北上盆地における強雨の発生と地上気象場の特徴  
—総観規模擾乱の有無に着目して—  
(Occurrence of heavy rainfall and characteristics of surface-level meteorological conditions in the Kitakami Basin)

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地球統計学的手法を用いた台風による降水の空間的連続性に関する研究  
(Geostatistical analysis on the spatial continuity of tropical cyclone rainfall)

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日本付近における冬季低気圧経路の気候学的研究  
(Climatological study on extratropical cyclone tracks around Japan in winter)

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畳み込みニューラルネットワークを用いた裏町の雰囲気に関する定量的研究  
—下北沢を事例として—  
(A quantitative study for capturing the town's atmosphere by utilizing Convolutional Neural Network: A case study of Shimokitazawa)

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## 2022年度

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地上型レーザースキャナを用いた CO2 固定量の推定と評価  
—阿蘇地方のスギ林を事例として—  
Estimation and Evaluation of the Amount of Carbon Dioxide Stock Using Terrestrial Laser Scanner: A Case of *Cryptomeria Japonica* in the Aso Region, Kumamoto Prefecture

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機械学習補正モデルを用いた数値予報モデルの精度向上に関する研究  
Improving an accuracy of numerical forecast model with correction models by machine learning

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本州日本海側地域における山雪と里雪の時空間分布の特徴  
Characteristics of spatio-temporal distribution of the mountain snowfall and the plain snowfall in the Japan-Sea side area of Honshu, Japan

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空間解析に基づく海岸林植栽基盤の生育環境評価  
—仙台平野の海岸林を対象として—

Evaluation of coastal forest planting bases for plant growth by the spatial analysis –Case study of coastal forests in the Sendai Plain–

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東京都多摩地域における鉄道端末交通の現状と端末交通手段の選択要因分析

Present situation of access trips to stations and factors affecting the choice of trip end mode trips in Tama area, Tokyo.

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旧武蔵国における氷川神社の立地に関する研究

Study on the location characteristics of Hikawa Shrine in the former Musashi Province

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日本列島中部における後期更新世以降のテフラ層序の高精度化

—湿地堆積物とクリプトテフラ分析を用いた試み—

Establishment of a precise Late Pleistocene tephrostratigraphy focusing on cryptotephra within mountain wetland sediment records in Central Japan

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