

論 文 目 録

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(発表した論文)

| 論 文 題 目 | 公 表 の 方 法 及 び 時 期 | 著 者 名 |
|--|--|---|
| Peer-reviewed publications: | | |
| 1. Quantifying the impacts of the Covid-19 pandemic lockdown and the armed conflict with Russia on Sentinel 5P column NO ₂ changes in Ukraine | Big Earth Data, Published, 2023 | Anh Phan, Hiromichi Fukui |
| 2. Forest-Related SDG Issues Monitoring for Data-Scarce Regions Employing Machine Learning and Remote Sensing - A Case Study for Ena City, Japan | In the Proceedings of 2022 IEEE International Geoscience and Remote Sensing Symposium, Published, 2022. | Anh Phan, Kiyoshi Takejima, Tsubasa Hirakawa, Hiromichi Fukui |
| 3. Digital Earth: A platform for the SDGs and green transformation at the global and local level, employing essential SDGs variables | Big Earth Data, Published, 2021. | Hiromichi Fukui, Duc Chuc Man, Anh Phan |
| 4. Peculiar response of O ₃ and CH ₄ to NO _x reduction in Japan during the COVID-19 pandemic | International Journal of Digital Earth, Accepted, 2023. | Anh Phan, Hiromichi Fukui |
| Oral presentation and posters: | | |
| 1. Building a Digital Earth Platform to support the creation of Carbon Neutral Roadmaps | International Conference on Materials and Systems for Sustainability, 2023. | Hiromichi Fukui, Anh Phan |
| 2. Impacts of the Covid-19 pandemic lockdown and the conflict with Russia on Sentinel 5P NO ₂ changes in Ukraine | 13 th International Symposium on Digital Earth, 2023. | Anh Phan, Hiromichi Fukui |
| 3. 地域共生圏創成へ向けた森林資源量把握の手法の検討 | 19th GIS Community Forum Online, 2022. | 金井李笑, Anh Phan, 竹島喜芳, 福井弘道 |
| 4. Use cases of digital earth in various space-times for SDGs and sustainable earth | 12th International Symposium on Digital Earth, 2021. | Hiromichi Fukui, Duc Chuc Man, Anh Phan, Satoru Sugita |

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| Others: 1. The Drawdown Japan 2. Impacts of COVID pandemic on Sustainable Development in Japan 3. FluxFormer: Upscaled Global Carbon Fluxes from Eddy Covariance Data with Multivariate Timeseries Transformer | 19 th GIS Community Forum Online (Story map), 2022. 17 th GIS Community Forum Online (Story map), 2021. EarthArXiv, Preprint | Anh Phan, Hiromichi Fukui Duc Chuc Man, Anh Phan, Hiromichi Fukui Anh Phan, Hiromichi Fukui |