

## 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
<b>Peer-reviewed publications:</b>		
1. Quantifying the impacts of the Covid-19 pandemic lockdown and the armed conflict with Russia on Sentinel 5P column NO <sub>2</sub> changes in Ukraine	Big Earth Data (2023), DOI:10.1080/20964471.2023.2265105 (25 pages)	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	IGARSS 2022 IEEE International Geoscience and Remote Sensing Symposium, Kuala Lumpur, Malaysia, 2022, pp. 4343-4346, DOI: 10.1109/IGARSS46834.2022.9883037	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 (2023), 5:4, 476-496, DOI: 10.1080/20964471.2021.1948677	Hiromichi Fukui, Duc Chuc Man, Anh Phan
4. Unusual response of O <sub>3</sub> and CH <sub>4</sub> to NO <sub>x</sub> emissions reduction in Japan during the COVID-19 pandemic	International Journal of Digital Earth (2023), DOI:10.1080/17538947.2023.2297844 (17 pages)	Anh Phan, Hiromichi Fukui
<b>Oral presentation and posters:</b>		
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 <sub>2</sub> changes in Ukraine	13 <sup>th</sup> 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
<b>Others:</b>		
1. The Drawdown Japan	19th GIS Community Forum Online (Story map), 2022.	Anh Phan, Hiromichi Fukui
2. Impacts of COVID pandemic on Sustainable Development in Japan	17th GIS Community Forum Online (Story map), 2021.	Duc Chuc Man, Anh Phan, Hiromichi Fukui
3. FluxFormer: Upscaled Global Carbon Fluxes from Eddy Covariance Data with Multivariate Timeseries Transformer	EarthArXiv, Preprint (2023), DOI: 10.31223/X5BQ2H (15 pages)	Anh Phan, Hiromichi Fukui