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#1674 Review

SUMMARY REVIEW EDITING

Submission

Authors Jeddah Yanti, Togi Tampubolon, Chian Yi Liu

Title INDIRECT EFFECT OF LAND COVER TOWARD ON CLOUD OPTICAL THICKNESS OVER INDONESIA

Section Articles

Editor Andri Sejati

Peer Review

Round 1

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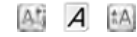
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#1674 Summary

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Submission

Authors	Jeddah Yanti, Togi Tampubolon, Chian Yi Liu
Title	INDIRECT EFFECT OF LAND COVER TOWARD ON CLOUD OPTICAL THICKNESS OVER INDONESIA
Original file	1674-11308-1-SM.DOCX 2022-01-07
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Competing interests CI POLICY	—
Bio Statement	—
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Bio Statement	—

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Competing interests CI POLICY	—
Bio Statement	—

Title and Abstract

Title	INDIRECT EFFECT OF LAND COVER TOWARD ON CLOUD OPTICAL THICKNESS OVER INDONESIA
Abstract	The inter-relation between land surface changes (land cover) and local climate affect other atmospheric phenomenon such as clouds and their formation and properties. The Earth's hydrological cycle is complex system describing the mutual relationship between Earth's surface and the atmospheric component, as a consequence, small changes to one part of the system can accrue to have larger effects on the other system as a whole. NDVI and cloud optical thickness obviously allocated in wet season than dry season, with fluctuated in uphill and downhill polynomial. According to wet season, downhill line of cloud optical thickness were detected as mean value on every November during 14 years. At 1 percent of NDVI fluctuation declined two times of optical depth otherwise. Absolute result in wet season may be due to more stable and homogeneous data variability. Least sunlight for vegetation growth and the least amount of evapotranspiration energy, less cloud forms.

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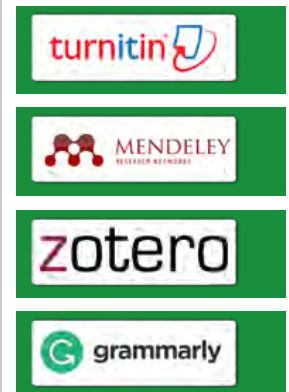
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Keywords Land cover, Cloud Optical Thickness, MODIS
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References

References

Didan, K., 2015. MOD13Q1 MODIS/Terra Vegetation Indices 16-Day L3 Global 250m SIN Grid V006 [Data set], NASA EOSDIS LP DAAC.

Diener, A., & Mudu, P. 2021. How can vegetation protect us from air pollution? A critical review on green spaces' mitigation abilities for air-borne particles from a public health perspective - with implications for urban planning. Science of The Total Environment, 796, 148605.

Duveiller, G., J. Hooker and A. Cescatti, 2018. The mark of vegetation change on Earth's surface energy balance, Nature Communication, 9, 679

ESRI, 2017. Instructional Guide for The ArcGIS Imagery Book. UN: ESRI Press.

FAO, 2020. Global Forest Resources Assessment 2020 -

Food and Agriculture Organization United Nation. <https://www.fao.org/3/ca9825en/ca9825en.pdf>

Hubanks, P.A, 2018. MOD08 V6 Atmosphere Monthly Global Product Bands, (Accessed [05/01/2022]), https://developers.google.com/earth-engine/MOD08_bands

Igel, A.L., S.C. Van den Heever and J.S. Johnson, 2018. Meteorological and land surface properties impacting sea breeze extent and aerosol distribution in a dry environment, 123, 22-37

Tampubolon, T., Yanti, J. and Liu, C-Y. 2020. Spatial Correlation between Land Surface Properties and Cloud Characteristics in Indonesia, Journal of Physics: Conference Series, 1428.

Voigt, A., Albern, N., Ceppi, P., Grise, K., Li, Y., & Medeiros, B. 2020. Clouds, radiation, and atmospheric circulation in the present-day climate and under climate change. WIREs Climate Change, 12(2).

Weier, J. and D. Herring, 2000. Measuring Vegetation, August 2000, September 2018, Article, NASA Official.

Williams, B. A., Venter, O., Allan, J. R., Atkinson, S. C., Rehbein, J. A., Ward, M., ... Watson, J. E. M. 2020. Change in Terrestrial Human Footprint Drives Continued Loss of Intact Ecosystems. One Earth, 3(3), 371-382.

Wu, P., N. Christidis and P. Stott, 2013. Anthropogenic impact on Earth's hydrological cycle, Nature Climate Change, 3, 807-810

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