Trends.Earth - Taarifa za Jumla

version 2.3.2

Conservation International

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Contents

General information

Trends.earth ilizalishwa kama sehemu ya mradi wa "kuwezesha matumizi ya vyanzo vya data duniani kupima na kufuatilia uharibifu wa ardhi (mazingira) katika ukubwa tofauti tofauti ", ukifadhiliwa na Global Environment Facility yaani Taasisi ya Mazingira Duniani.

Kuwasiliana na timu ya Itrends.earthI

Wasiliana na timu ya *Trends.Earth <mailto: trends.earth@conservation.org>* kwa kutoa maoni au mapendekezo yoyote. Kama una taarifa za kuripoti juu ya virusi au kupendekeza kuhimarishwa kwa chombo hiki unaweza kuwasilisha kwenye tracker ya Github kwa ▲TRENDS.EARTH.

Authors

Mradi wa Ufuatiliaji wa Uharibifu wa Ardhi ni ushirikiano wa shirika la Conservation International, Chuo Kikuu cha Lund, na National Aeronautics and Space (NASA), na unafadhiliwa na Global Environment Facility (GEF)/ Chombo cha Mazingira Duniani.

Wachangiaji katika uandishi wa nyaraka za Itrends.earth| ni pamoja na Yengoh Genesis, Lennart Olsson, Mariano Gonzalez-Roglich, Monica Noon, Tristan Schnader, Anna Tengberg, na Alex Zvoleff.

▲TRENDS.EARTH inatumia Google Earth Engine kupitia mtandao kukokotoa viashiria vya uharibifu wa ardhi.

Google Earth Engine

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Publications

Peer-reviewed Publications

The below peer-reviewed publications either use or relate to TRENDS.EARTH.

- Alamanos, A. and Linnane, S., 2021. Estimating SDG Indicators in Data-Scarce Areas: The Transition to the Use of New Technologies and Multidisciplinary Studies. Earth, 2(3), pp.635-652.
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Academic dissertations

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- Owuor, G.O., 2021. Monitoring Land Degradation Neutrality using Geospatial Techniques in Support of Sustainable Land Management: A Case Study of Narok County (Doctoral dissertation, University of Nairobi).
- Tran, T.D.C, 2020. Land degradation in Switzerland. An application of the Trends.Earth model. (Complementary Certificate in Geomatic, Faculté des Sciences de la Société, Université de Genève)

Other resources

Print documentation from the Trends.Earth project (including fact sheets, reports, and other materials) is listed below.

Reports

- A Review of Publicly Available Geospatial Datasets and Indicators In Support of Land Degradation Monitoring
- A Review of Publicly Available Geospatial Datasets and Indicators in Support of Drought Monitoring
- A Review of Publicly Available Geospatial Datasets and Indicators in Support of UNCCD Strategic Objective (SO) 2: To Improve Living Conditions of Populations Affected by Desertification, Land Degradation, and Drought
- Trends in Population Exposure to Land Degradation - Methodological note
- Arnold S., Jun C., Olav E. 2019. Global and Complementary (Non-authoritative) Geospatial Data for SDGs: Role and Utilisation. Report produced jointly by the Task Team on Global Data and Task Team on Alternative Data Sources by the Working Group on Geospatial Information of the Inter-agency and Expert Group on Sustainable Development Goal Indicators (IAEG-SDGs).
- Using Spectral Vegetation Indices to Measure Gross Primary Productivity as an Indicator of Land Degradation
- Evaluation of approaches for incorporating higher-resolution data for disaggregation or targeted analysis
- Disentangling the effects of climate and land use on land degradation
- Monitoring and assessing land degradation to support sustainable development
- (French) Suivre et évaluer la dégradation des terres pour soutenir le développement durable
- Comments on the GEF STAR Allocation Algorithm and Suggestions for Alternatives