IDRISI

RRID:SCR_001696
Type: Tool

Proper Citation

IDRISI (RRID:SCR_001696)

Resource Information

URL: http://www.clarklabs.org/

Proper Citation: IDRISI (RRID:SCR_001696)

Description: Geospatial software for monitoring and modeling the Earth system. Includes tools for GIS, image processing, surface analysis, vertical applications for land change analysis and earth trends exploration, and more.

Abbreviations: IDRISI

Synonyms: IDRISI Selva

Resource Type: software resource

Keywords: gis, geospatial, monitor, model, earth system, earth, image processing, surface analysis, vertical application, land change analysis, earth trend

Funding:

Availability: Commercial license

Resource Name: IDRISI

Resource ID: SCR_001696

Record Creation Time: 20220129T080209+0000

Record Last Update: 20250214T182942+0000

Ratings and Alerts

No rating or validation information has been found for IDRISI.

No alerts have been found for IDRISI.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 37 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Tahir Z, et al. (2025) Predicting land use and land cover changes for sustainable land management using CA-Markov modelling and GIS techniques. Scientific reports, 15(1), 3271.

Xue S, et al. (2024) Effects of future climate and land use changes on runoff in tropical regions of China. Scientific reports, 14(1), 30922.

Arif N, et al. (2024) Monitoring and predicting development of built-up area in sub-urban areas: A case study of Sleman, Yogyakarta, Indonesia. Heliyon, 10(14), e34466.

Hu X, et al. (2024) Exploring the predictive ability of the CA-Markov model for urban functional area in Nanjing old city. Scientific reports, 14(1), 18453.

Gizawu Garbaba F, et al. (2024) Application of geospatial technology on land suitability analysis for wheat and maize farming: In a case of Guder sub-watershed North West Oromia, Ethiopia. Heliyon, 10(13), e33557.

Li C, et al. (2023) Examining the informal urban growth trends in a Port city. Heliyon, 9(12), e22581.

Ansari A, et al. (2023) Ecological assessment of Iran's terrestrial biomes for wildlife conservation. Scientific reports, 13(1), 17761.

Thanapongtharm W, et al. (2022) Application of Spatial Risk Assessment Integrated With a Mobile App in Fighting Against the Introduction of African Swine Fever in Pig Farms in Thailand: Development Study. JMIR formative research, 6(5), e34279.

Feizizadeh B, et al. (2022) Scenario-based analysis of the impacts of lake drying on food production in the Lake Urmia Basin of Northern Iran. Scientific reports, 12(1), 6237.

Zhao X, et al. (2022) Spatial-Temporal Changes and Simulation of Land Use in Metropolitan Areas: A Case of the Zhengzhou Metropolitan Area, China. International journal of environmental research and public health, 19(21).

Sánchez-Reyes UJ, et al. (2022) Potential Distribution of Wild Host Plants of the Boll Weevil (Anthonomus grandis) in the United States and Mexico. Insects, 13(4).

Tadese S, et al. (2021) Analysis of the Current and Future Prediction of Land Use/Land Cover Change Using Remote Sensing and the CA-Markov Model in Majang Forest Biosphere Reserves of Gambella, Southwestern Ethiopia. TheScientificWorldJournal, 2021, 6685045.

Pu L, et al. (2021) Simulating Land-Use Changes and Predicting Maize Potential Yields in Northeast China for 2050. International journal of environmental research and public health, 18(3).

Feizizadeh B, et al. (2021) A scenario-based approach for urban water management in the context of the COVID-19 pandemic and a case study for the Tabriz metropolitan area, Iran. The Science of the total environment, 790, 148272.

Thammanu S, et al. (2021) Above-ground carbon stock and REDD+ opportunities of community-managed forests in northern Thailand. PloS one, 16(8), e0256005.

Oso OG, et al. (2021) Land use/land cover change, physico-chemical parameters and freshwater snails in Yewa North, Southwestern Nigeria. PloS one, 16(2), e0246566.

Peñacoba-Antona L, et al. (2021) Multi-Criteria Evaluation and Sensitivity Analysis for the Optimal Location of Constructed Wetlands (METland) at Oceanic and Mediterranean Areas. International journal of environmental research and public health, 18(10).

Basu T, et al. (2021) Development of an integrated peri-urban wetland degradation assessment approach for the Chatra Wetland in eastern India. Scientific reports, 11(1), 4470.

Joel ES, et al. (2020) Geo-investigation on groundwater control in some parts of Ogun state using data from Shuttle Radar Topography Mission and vertical electrical soundings. Heliyon, 6(1), e03327.

Shi L, et al. (2020) Spatio-temporal variation of ecosystem services value in the Northern Tianshan Mountain Economic zone from 1980 to 2030. PeerJ, 8, e9582.