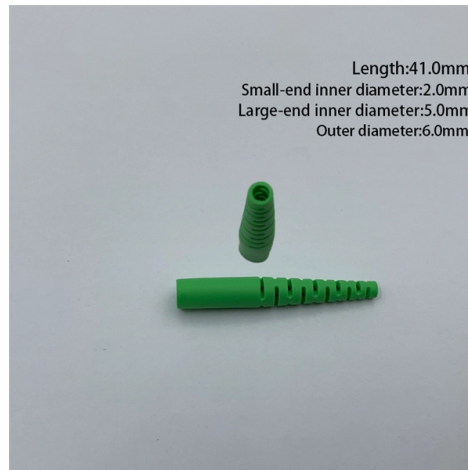


High Density of Thermal Channels in Zimbabwe



Overview

This study investigated the impact of seasonal land cover changes on human thermal comfort outdoors in Harare, Zimbabwe in Southern Africa. During the period, 1990-2023, Zimbabwe's climate has been gradually changing depicting less seasonal average rainfall. The mean minimum temperatures range from 5. Within the framework of rapid urban growth and global warming, land surface temperature (LST) and its elevation have potential significant socio-economic and environmental implications. Multi-temporal thermal infrared and in situ air temperature data were used to develop a simple linear regression model for retrieving air temperature from land. This page offers a comprehensive overview of Zimbabwe's climate zones of temperature and precipitation with reflection of their climatological seasonal cycle, drawing on the Köppen-Geiger classification system and recent historical data from the Climatic Research Unit (CRU). It is a member of the UNSD Expert Group on Environment and Climate Change Statistics (EG-ECCS). The Country has a legal framework for production of official statistics for which.



Article Content

Controls of Land Surface Temperature between and within Local

In view of the need for LCZ-specific heat mitigation strategies, this study investigated factors driving LST variations within LCZs. To achieve this, an LCZ map for Harare was developed ...

Zimbabwe

To deepen understanding of regional climate dynamics, the page includes visual context layers that highlight key aspects of exposure and vulnerability to climate change—such as population density, ...

2023 Environment Statistics Report Physical Conditions

Understanding these environmental physical conditions is crucial for effective decision-making and planning in a range of contexts. Zimbabwe's climate has been changing since the 1900s, according ...

Status of Environment Statistics Production in Zimbabwe

BACKGROUND INFORMATION Zimbabwe is among the pioneer countries to produce a compendium of Environment statistics using FDES 2013

Linking thermal variability and change to urban growth in Harare ...

Long term changes results showed that high density residential areas increased by 92% between 1984 and 2016 at the expense of cooler green-spaces, which decreased by 75.5%, translating to a 1.98oC ...

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Assessment of the responses of the urban thermal environment to climate is important, especially because of their possible influence on low- and high-temperature extreme events.

Zimbabwe ZIMBABWE'S CLIMATE CHANGE NATIONAL ...

The Government of Zimbabwe expresses its gratitude to the Green Climate Fund (GCF) and the United Nations Environment Programme (UNEP) for providing financial and technical support to develop this ...

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