



LANDSLIDES OF THE CENTRAL WESTERN GHATS IN NEWS



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Panel Forms Guidelines For Protection Of Western Ghats

STAR OF MYSORE

APRIL 04 2021



<https://starofmysore.com/august-rain-in-kodagu-due-to-global-warming-iisc-scientist/>

August Rain In Kodagu Due To Global Warming: IISc. Scientist

The earlier May-June-July monsoon in Kodagu has been delayed and rains are occurring only in the month of August-September since the last two years — and continuing this year — due to global warming and where changes to climate are happening, said Dr. T.V. Ramachandra, Coordinator, Energy and Wetlands Research Group (Centre for Ecological Sciences) at the Indian Institute of Science (IISc), Bengaluru.



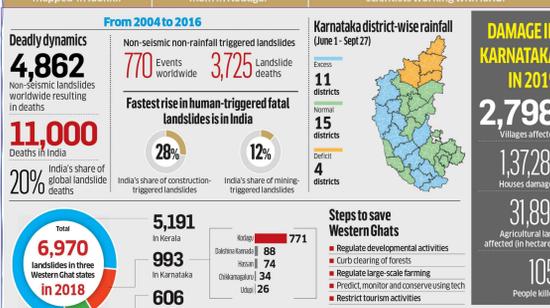
<https://starofmysore.com/august-rain-in-kodagu-due-to-global-warming-iisc-scientist/>

Western Ghats on a ticking time bomb

DH DECCAN HERALD
SEPTEMBER 28 2019



1,632 LANDSLIDES IN IDUKKI AND 771 IN KODAGU; FREQUENCY VS AFFECTED AREA



<https://www.deccanherald.com/specials/insight/western-ghats-on-a-ticking-time-bomb-764826.html>

Expert team in Kodagu to study cause of landslides

August 29, 2018



<https://timesofindia.indiatimes.com/city/mysuru/expert-team-in-kodagu-to-study-cause-of-landslides/articleshow/65587801.cms>

Kodagu's ecological fragility in focus again

THE HINDU

JUNE 22, 2020



IISc. study finds built-up area rose from 1.55% to 2.69% from 2016 to 2019. Native vegetation cover including forest, scrub jungles, sacred groves have declined from 45.44% of the land area to 44.46%.

<https://www.thehindu.com/news/national/karnataka/kodagu-ecological-fragility-in-focus-again/article31885917.ece>

Saving Western Ghats ecosystem need of hour, say experts in Karnataka

Hindustan Times

December 13, 2021



Considering the climate changes (evident from recurring floods, droughts, landslides, increasing temperature, etc), which would affect the livelihood of all people (irrespective of poor or rich) and hurt the nation's economy. It would be prudent to conserve the fragile ecosystems, which costs less compared to the situation prone to calamities (with changes in the climate) than spending money /resources for restoration/rejuvenation

<https://www.hindustantimes.com/india-news/saving-western-ghats-ecosystem-need-of-hour-say-experts-in-karnataka-101639333863932.html>

Opinions



23 taluks in Karnataka prone to landslips: The protection of rivers and valleys in the vulnerable areas of the Western Ghats and the coastal region is need of the hour.. Strengthening of the district-level disaster management committee to contain landslips in the Western Ghats. -- Mr. Ananth Hegde Ashishara



"The fragmentation has a wide-scale influence on the movement of soil (silt) and debris along the undulating terrain with heavy rainfall. This loose deposition on unstable slopes along with scanty vegetation cover will lead to landslides."

-- Dr. TV Ramachandra, CES, Indian Institute of Science

Landslides in the Western Ghats is due to large-scale deposition of dug up debris and loose soil. Be it the widening of road works, irrigation projects, tourism activities.

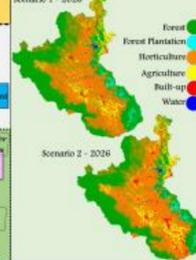
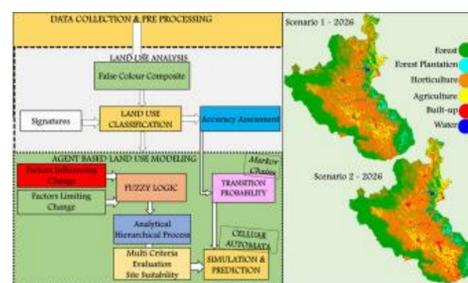
--- S Chandrashekar, chairperson of the Western Ghats Task Force

Acknowledgement



Fresh Landslides In Kodagu: Experts For Urgent Long-Term Ecological Damage Prevention

Policy



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IISc study stated that the urbanisation process has led to chaotic growth in the region and called for determining the rate and trend of land-use conversion for devising a rational land use policy.

Based on the land use pattern for 2016 and 2019, the IISc researchers predicted the landscape dynamics for 2031, which indicated an increase in the built-up areas in Madikeri, Kushalnagar, Virajpet, Gonikoppal, and Somwarpet.

Also, the influence of road networks and tourism will encourage urbanisation along highways and identified Kodilpet, Suntikoppa, Hebbale, Madapura, Napoklu, Ammathi etc., as per the study.

<https://starofmysore.com/fresh-landslides-in-kodagu-experts-for-urgent-long-term-ecological-damage-prevention-policy/>

Recommendations

- ✓ Identification of landslide prone regions & implementation of mitigation measures
- ✓ Arresting deforestation & controlling abrupt land use changes
- ✓ Planting of native vegetation on hilltops and slopes
- ✓ Restoration of natural drainage network
- ✓ Discouraging monoculture plantations
- ✓ Engaging stakeholders in conservation through institutional support
- ✓ Strengthening the district disaster management cell with sufficient funds