

भारतीय उष्णदेशीय मौसम विज्ञान संस्थान/ Indian Institute of Tropical Meteorology

(भारत सरकार, पृथ्वी विज्ञान मंत्रालय के एक स्वायत्त संस्थान)/ (An Autonomous institute under Ministry of Earth Sciences, Govt. of India)

डॉ. होमी भाभा रोड/ Dr. Homi Bhaba Road
पाषाण, पुणे-411008/ Pashan, Pune-411008

फ़ाइल सं: आईआईटीएम/आरटीआई/ जुलाई 23/3

दिनांक 04/07/2023

File no: IITM/RTI/JULY 23/ 3

Date: 04/07/2023

सेवा में/ To,

Gowtham

polit no 251, , room No 12,

Sshapur nagar, Pin:500055

Telangana

surattu_gowtham@yahoo.com

Sub: सूचना का अधिकार अधिनियम, 2005

Seeking Information under RTI act, 2005

Ref : IITMT/R/T/23/00004

Reply Ref: IITMT/R/T/23/00004 dated 21-06-2023 from CCCR, IITM

Dear Sir/Madam,

कृपया अपने ऑनलाइन आरटीआई आवेदन के संबंध में देखें।

Please refer to your online RTI application

I am directed to inform you the following information prepared based on the office file: : IITMT/R/T/23/00004 dated 21-06-2023

आपकी आरटीआई का बिन्दुवार उत्तर कार्यालय फाइल : IITMT/R/T/23/00004 dated 21-06-2023 आधारित नीचे दिया गया है

Handwritten signature/initials in blue ink.

Q: There is any effect present and future with global warming & cyclones effect Indian sea level coastal areas ? Past 10 year how much length sea level increase how much of costal area decreases? How will I save our natural soil protect costal area from cyclones and global warming.

Response :

The mean sea level trend based on satellite data shows increasing sea level rise along Indian coastline (Sreeraj et al., 2023). The study shows that with increase in global warming, sea level rise is projected to increase along Indian Ocean coastline. Sea level rise in the Indian Ocean is 5.3 mm/year during 2013 to 2020. (WMO Report, 2022).

The Indian coastline is under varying degrees of erosion. About 34% of the Indian coastline is under erosion and 26% of the coastline is of an accreting nature using the data for the period `1996-2016 (Kankara et al.,2018). Understanding the flood risk and take measures like, build flood defense structures, maintain and restore wetlands etc. can protect the coastal areas.

Reference :

Kankara et al., 2016. National Assessment of Shoreline changes along Indian Coast: Status report for 26 years (1990 - 2016). National Centre for Coastal Research, Ministry of Earth Sciences, Govt. of India.

WMO report 2022. State of the Global Climate 2021, (WMO-No.1290).

P Sreeraj et al., 2022. Extreme sea level rise along the Indian Ocean coastline: observations and 21st century projections. Environ. Res. Lett. 17 114016. DOI 10.1088/1748-9326/ac97f5

It is also to be informed that the values provided in the reply are based on the studies mentioned in the reference. The results may be vary as per the data used for the study, study are and period considered.

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यदि आप सूचना का अधिकार अधिनियम, 2005 की धारा 19 के अनुसार अपील करना चाहते हैं, तो आप इस पत्र की प्राप्ति के 30 दिनों के भीतर, अपीलीय प्राधिकारी को ऐसा कर सकते हैं।

In case you intend to prefer an appeal as per Section 19 of the Right to Information Act, 2005, you may do so to the Appellate Authority, within 30 days of the receipt of this letter.

The details are below:

अपीलीय प्राधिकारी / Appellate Authority:

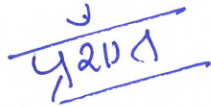
डॉ. आर. कृष्णन , निदेशक / Dr. R. Krishnan, Director

भारतीय उष्णदेशीय मौसम विज्ञान संस्थान / Indian Institute of Tropical Meteorology

डॉ. होमी भाभा रोड़, पाषाण, पुणे / Dr. Homi Bhabha Road, Pashan, Pune – 411 008

Kindly acknowledge the receipt of the reply.

आपका /Sincerely,



(प्रशांत ए पिल्लई) / (Prasanth A Pillai)

वैज्ञानिक ई और सीपीआईओ, आईआईटीएम

Scientist E & CPIO, IITM

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