

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

RAJYA SABHA
UNSTARRED QUESTIONNO. 196
TO BE ANSWERED ON 08.12.2022

Complete suite of Geographic Information Systems

196. SHRI S. KALYANASUNDARAM:
SHRI M. MOHAMED ABDULLA:
SHRI R. GIRIRAJAN:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether Government propose to host a complete suite of Geographic Information Systems (GIS) applications like working plan, wildlife corridor mapping, social forestry, etc.;
- (b) if so, the details thereof; and
- (c) if not, the reasons therefor?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI ASHWINI KUMAR CHOUBEY)

(a) to (c):The Ministry has developed web based Geographic Information Systems (GIS) applications like PARIVESH, e-Green Watch and Van Agni Geo-portal. PARIVESH portal (Pro-Active and Responsive facilitation by Interactive Virtuous and Environmental Single-window Hub)is a single-window integrated environmental management system for online submission and monitoring of the proposals submitted by the proponents for seeking Environment, Forest, Wildlife and Coastal Regulation Zone clearances from Central Government. It is a GIS based system and analytics platform that provides information to various stakeholders using Decision Support System functionality.

Further, e-Green Watch portal of the Ministry is an advanced technology based platform designed to facilitate automation, streamlining and effective management of processes related to plantations and other forestry works taken up under CAMPA fund. Forest Survey of India(FSI) carries out analysis of geo-spatial data (polygons) of various plantations uploaded by the State Forest Departments on e-Green Watch portal for accuracy of location, area and year of plantation.

Forest Survey of India has also developed Van Agni Geo-portal to provide user-friendly interactive viewing of the forest fire related data for continuous monitoring and tracking of large forest fires in near real-time basis. Van Agni Geo-portal serves as a single point source for the information related to forest fires in India.
