





Daily Current Affairs Encyclopedia



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Kerala Regional News

Palakkad is 5th landslide prone region in ISRO list	 Context: Palakkad district in Kerala is ranked fifth in India for landslide vulnerability according to ISRO's landslide-prone regions list. The district has experienced 32 landslide incidents since 2011, primarily due to soil piping, a condition where underground tunnels form due to soil erosion.
	 Key Points: ISRO has developed a comprehensive Landslide Atlas of India to address the growing concern over landslides in the country. This invaluable resource provides detailed information about landslide-prone areas, enabling effective disaster management and mitigation strategies.
	 Key features of the Atlas: Extensive database: Contains over 80,000 landslides mapped across India. Spatial analysis: Identifies landslide-vulnerable regions and ranks districts based on exposure. Satellite data: Utilizes high-resolution satellite imagery for accurate mapping. Early warning system: Supports the development of early warning systems to minimize loss of life and property.
	Most affected states:
	 North-Eastern States: Mizoram, Arunachal Pradesh, Nagaland, Manipur. Himalayan States: Uttarakhand, Jammu & Kashmir, Himachal Pradesh. Western Ghats: Kerala, Karnataka, Maharashtra.
Bio-toilets	 Context: The Kerala High Court has ruled that bio-toilets must be retained at the Sabarimala pilgrimage site.



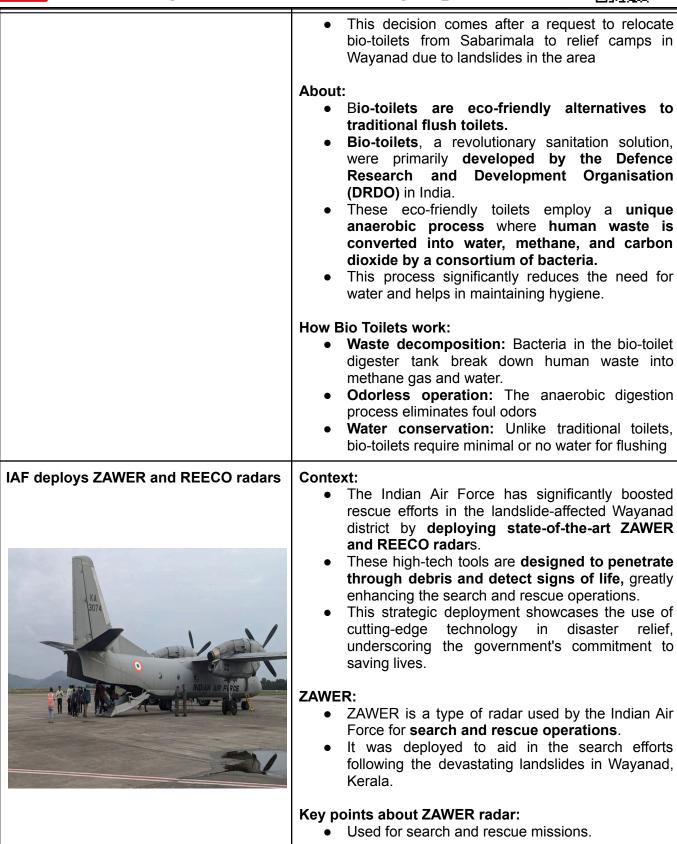








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	 Deployed in challenging terrains like Siachen glacier. Helps in locating people trapped under debris or in difficult-to-reach areas. Provides critical support to rescue teams.
	 REECO: REECO radars are specialized radar systems used for search and rescue operations. They are designed to detect objects buried under debris, such as landslides or collapsed structures. These radars emit electromagnetic waves that penetrate through the debris and reflect off buried objects, providing valuable information to rescue teams about the location of survivors or victims.
	 Key features of REECO radars: High penetration capabilities through various types of debris Ability to detect objects at varying depths Real-time data processing for quick analysis Compact and portable for easy deployment in disaster zones
Life Mission	 Context: In order to build houses for as many as 22,500 people in gram panchayats, an additional Rs 350 crore has been allocated for the Life Mission.
	 LIFE Mission: Life Mission is a massive housing project initiated by the Government of Kerala. It is a significant initiative aimed at addressing the housing crisis in Kerala and improving the living conditions of vulnerable sections of society Its primary goal is to provide homes for all landless and homeless families in the state.
	 Key Points: Housing construction: Building a substantial number of houses for eligible families. Financial empowerment: Providing means of livelihood to ensure long-term sustainability Rehabilitation: Offering comprehensive support to help beneficiaries rebuild their lives
	Also read about "Mission LiFE" which focuses on environmental protection.











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