





Daily Current Affairs Encyclopedia



## 05 August 2024

#### Kerala Regional News

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



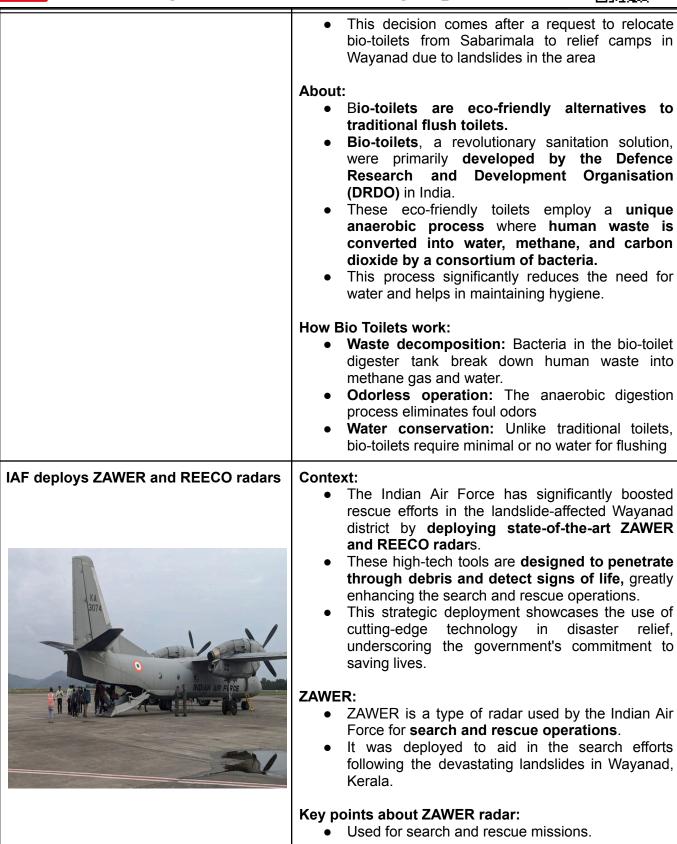








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	<ul> <li>Deployed in challenging terrains like Siachen glacier.</li> <li>Helps in locating people trapped under debris or in difficult-to-reach areas.</li> <li>Provides critical support to rescue teams.</li> </ul>
	<ul> <li>REECO:</li> <li>REECO radars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











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