



தமிழ்



TN CA 06 Aug 2024

<p><b>ASI's Exercise in Copying Stone Inscriptions in Tiruppur</b></p>	<p><b>Context:</b></p> <ul style="list-style-type: none"><li>• <b>Initiative:</b> The Archaeological Survey of India (ASI), Mysore, has initiated a project to <b>copy significant stone inscriptions onto inked papers.</b></li><li>• <b>Location:</b> <b>Thalishwarar temple in Kovilpalayam near Palladam, and various other locations in Tiruppur district.</b></li></ul> <p><b>Inscriptions and Analysis:</b></p> <ul style="list-style-type: none"><li>• Eight inscriptions were identified inside the temple complex.</li><li>• <b>Languages and Era:</b> One inscription in Vattezhuthu from the 9th century and seven in Tamil from the 12th century.</li><li>• <b>Historical Significance:</b> Preliminary analysis indicates that the <b>inscriptions likely document the construction of the temple by a Chera ruler.</b></li><li>• <b>Additional Records:</b> Inscriptions from two hero stones, an Ayyanar sculpture, and a Nandi (bull) sculpture were also documented.</li><li>• <b>Method Used:</b> The <b>"estampage method,"</b> which produces an exact replica of an inscription on inked paper for detailed analysis.</li></ul>
<p><b>Coastal Erosion</b></p>	<p><b>Context:</b></p> <ul style="list-style-type: none"><li>• Tamil Nadu, with <b>India's second-longest coastline spanning 1,076 kilometers</b>, has a rich maritime heritage integral to its prosperity.</li><li>• However, <b>this coastline is increasingly under threat due to both natural processes and human activities.</b></li></ul> <p><b>About:</b></p> <ul style="list-style-type: none"><li>• <b>Coastal erosion, a significant concern, is driven by the dynamic interaction between the sea and the land.</b></li><li>• Human interventions, such as the construction of ports, breakwaters, and groynes, have exacerbated the issue, leading to unintended and adverse consequences for coastal communities.</li></ul> <p><b>Vulnerability of the Coastline</b></p>



தமிழ்



## Daily Current Affairs Encyclopedia

	<p><b>Study by Anna University:</b></p> <ul style="list-style-type: none"><li>76% of Chennai, Tiruvallur, and Chengalpattu coastlines are at risk from cyclones, erosion, and sea level rise.</li><li>High salinity and low elevation make Tiruvarur, Nagapattinam, and Chengalpattu particularly vulnerable.</li></ul> <p><b>NCCR Report:</b></p> <ul style="list-style-type: none"><li><b>42.7% (422.9 km) of Tamil Nadu's coastline</b> is experiencing erosion, with hard structures like groynes and jetties contributing to the problem.</li><li>Ports, harbors, and coastal protection structures dominate the coastal areas of Tiruvallur and Kanniyakumari.</li></ul>
<p><b>72 percent of maternal deaths in rural TN</b></p>	<p><b>Context:</b></p> <ul style="list-style-type: none"><li>A recent report from the <b>Tamil Nadu health department</b> reveals that <b>72% of maternal deaths between 2014 and 2024</b> occurred in rural areas.</li><li>This highlights the disparity in healthcare access and quality between urban and rural regions.</li><li>The department is currently developing strategies to address this issue and reduce maternal mortality rates.</li></ul> <p><b>Maternal Deaths:</b></p> <ul style="list-style-type: none"><li>Deaths of women during pregnancy or within six weeks of its termination due to complications related to pregnancy, childbirth, or underlying conditions worsened by the pregnancy.</li><li>Direct causes include hemorrhage, infection, eclampsia, obstructed labor, and unsafe abortions.</li><li>Indirect causes include cardiovascular disease, anemia, malaria, and other existing conditions.</li></ul> <p><b>Infant Mortality Rate:</b></p> <ul style="list-style-type: none"><li><b>Infant Mortality Rate (IMR)</b> is the number of deaths of infants under one year of age per 1,000 live births.</li><li>It is a key indicator of a country's overall health, economic development, and social conditions.</li><li><b>High IMR</b> indicates poor healthcare, malnutrition, poverty, and lack of access to basic services.</li><li><b>Low IMR</b> suggests improved healthcare, nutrition, and living standards.</li></ul> <p><b>Total Fertility Rate:</b></p>



தமிழ்



## Daily Current Affairs Encyclopedia

	<ul style="list-style-type: none"><li>• <b>Total Fertility Rate (TFR)</b> is the average number of children a woman would have in her lifetime if she were to experience the age-specific fertility rates (ASFRs) of a given year throughout her reproductive life.</li></ul>
<b>Samanatham tank to be developed into bird sanctuary</b>	<p><b>Context:</b></p> <ul style="list-style-type: none"><li>• Environmental activists are successful in the development of the <b>Samanatham tank in Madurai, TN, into a bird sanctuary.</b></li><li>• The tank is a <b>significant migratory bird site, hosting thousands of birds annually.</b></li><li>• To protect the water body and its avian inhabitants, greens have requested the forest department to take necessary steps.</li></ul> <p><b>Bird Sanctuary:</b></p> <ul style="list-style-type: none"><li>• A <b>bird sanctuary is a protected area specifically designated for the conservation and protection of birds.</b></li><li>• These areas provide a safe haven for various bird species, allowing them to nest, breed, and thrive without human interference.</li><li>• Bird sanctuaries often feature <b>diverse ecosystems like wetlands, lakes, forests, or grasslands, which attract a wide range of avian life.</b></li></ul> <p><b>Key purposes of bird sanctuaries:</b></p> <ul style="list-style-type: none"><li>• Conservation: Protecting endangered and threatened bird species.</li><li>• Habitat preservation: Maintaining natural habitats for birds.</li><li>• Research: Studying bird behavior and ecology.</li><li>• Education: Raising awareness about bird conservation and biodiversity.</li><li>• Ecotourism: Promoting sustainable tourism while supporting conservation efforts</li></ul>