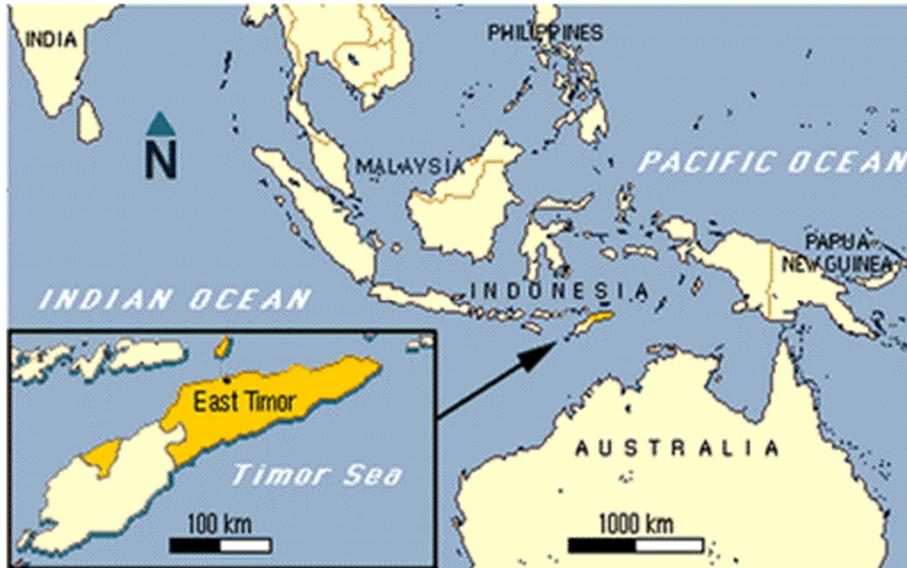




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poverty



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# Introduction of Timor Leste Context

- Timor-Leste gained its independence on 20 May 2002
- Half of Small island covering 14,610 km<sup>2</sup> with population number of approximately 1,60000.
- The geography and climate of Timor-Leste result in a high frequency of disasters relative to the small size of the country and its population.
- Notably for example, the steep terrain, shallow soils and thin vegetation cover that characterise much of Timor-Leste's landscape are affected badly by the prevailing pattern of rainfall, which is often short and intensive or torrential.



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# Community hydro-meteorological hazards

- Droughts
- Floods
- Cyclones and high winds
- Landslides and erosion
- Sea level raise
- Fire
- Invasive species



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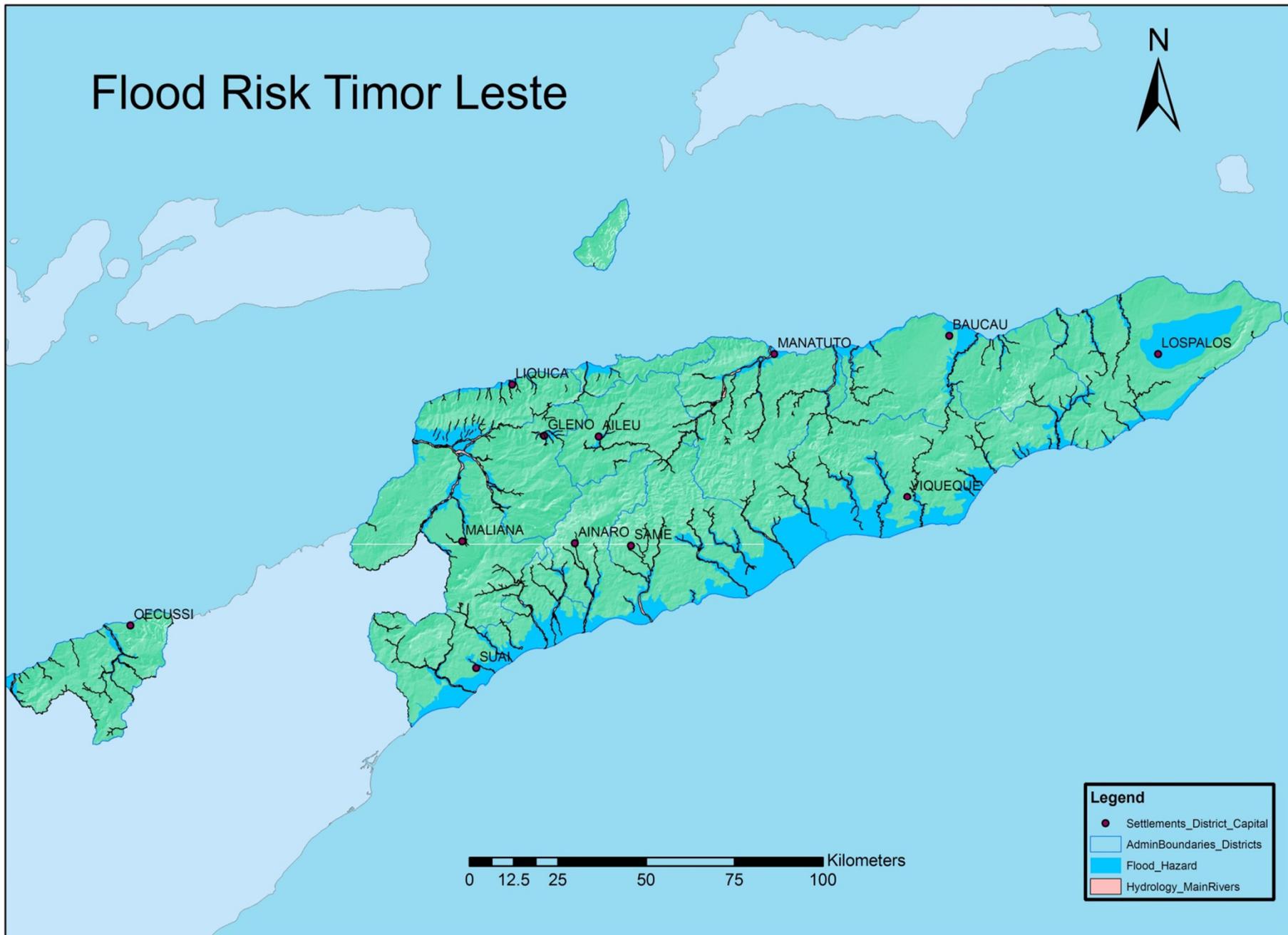
## Implication impacts of the hazards

**Flooding** has been observed to also affect farmers, poor people in rural areas (that are living in flood prone zones) and internally displaced people.

The areas identified as being the more vulnerable are the ones close to water-ways, low lying areas with poor drainage and low lying coastal zones



# Flood Risk Timor Leste





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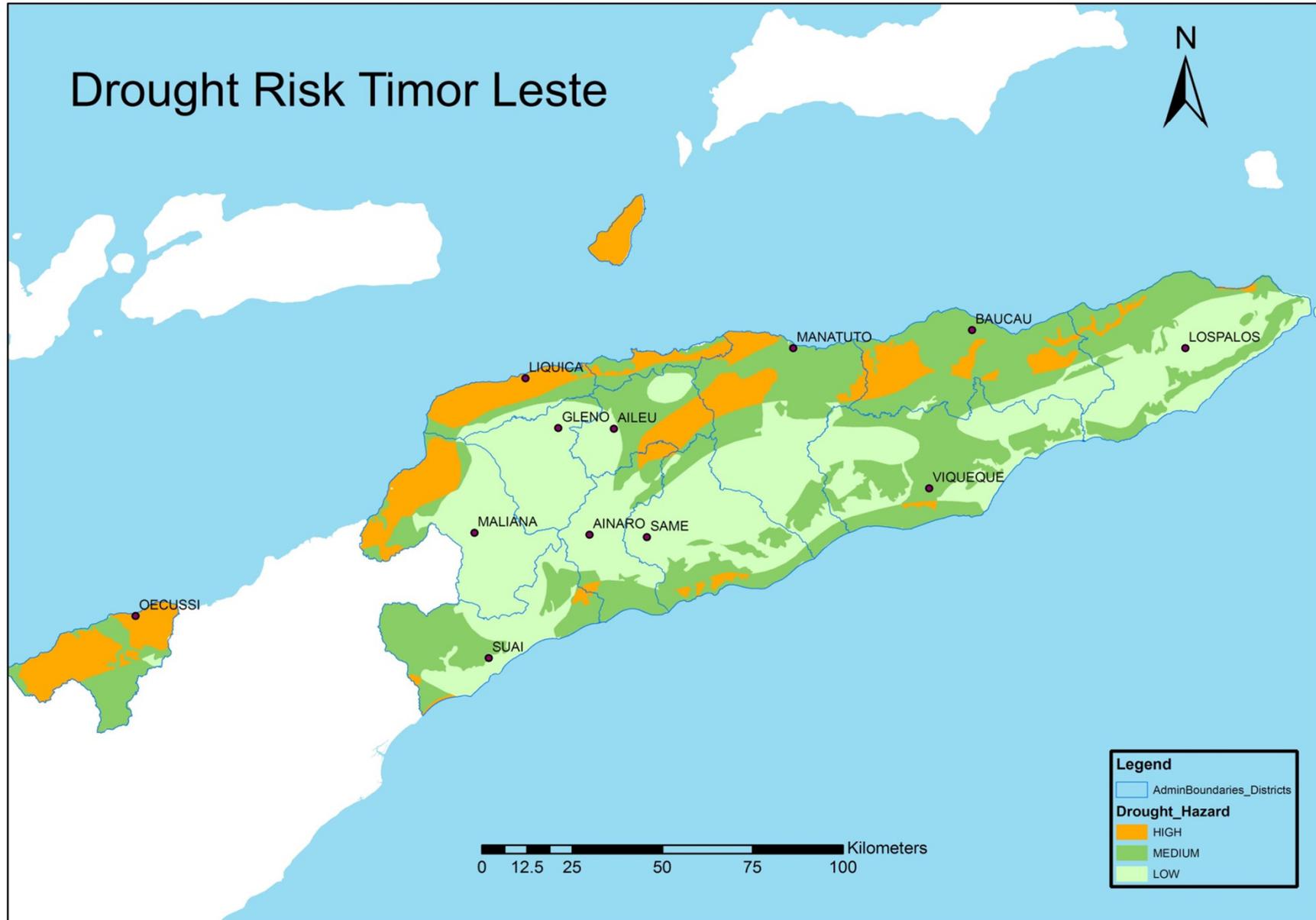
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## **Drought**

- Affects women, elderly, disabled people, children, and communities that depend on agriculture for their subsistence.
- Information gathered at least 10 districts of TL are seriously affected by drought and most of agriculture productive land.



# Drought Risk Timor Leste



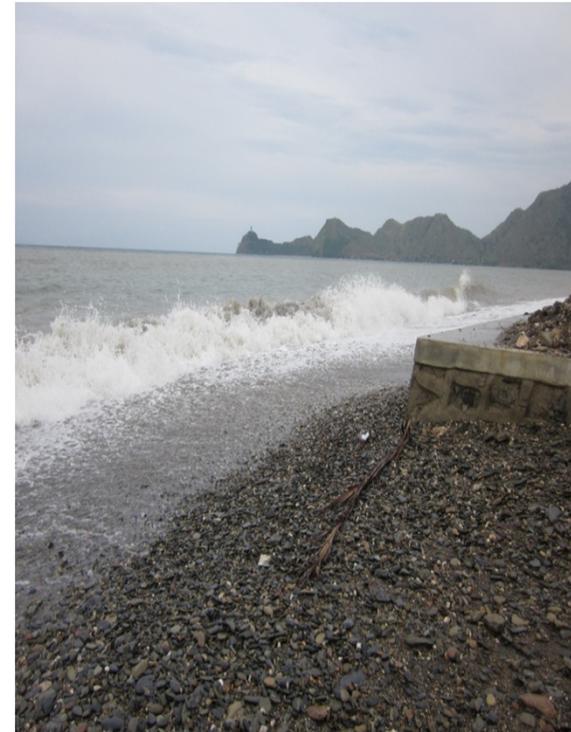


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## **Sea level rise**

- destruction of coastal ecosystem, infrastructure
- coastal erosion
- increase salinity and decrease in water quality

Hotter temperature wetter weather lead: increase in sea water acidity, coral bleaching, increase disease, increase vector (mosquito) and malaria



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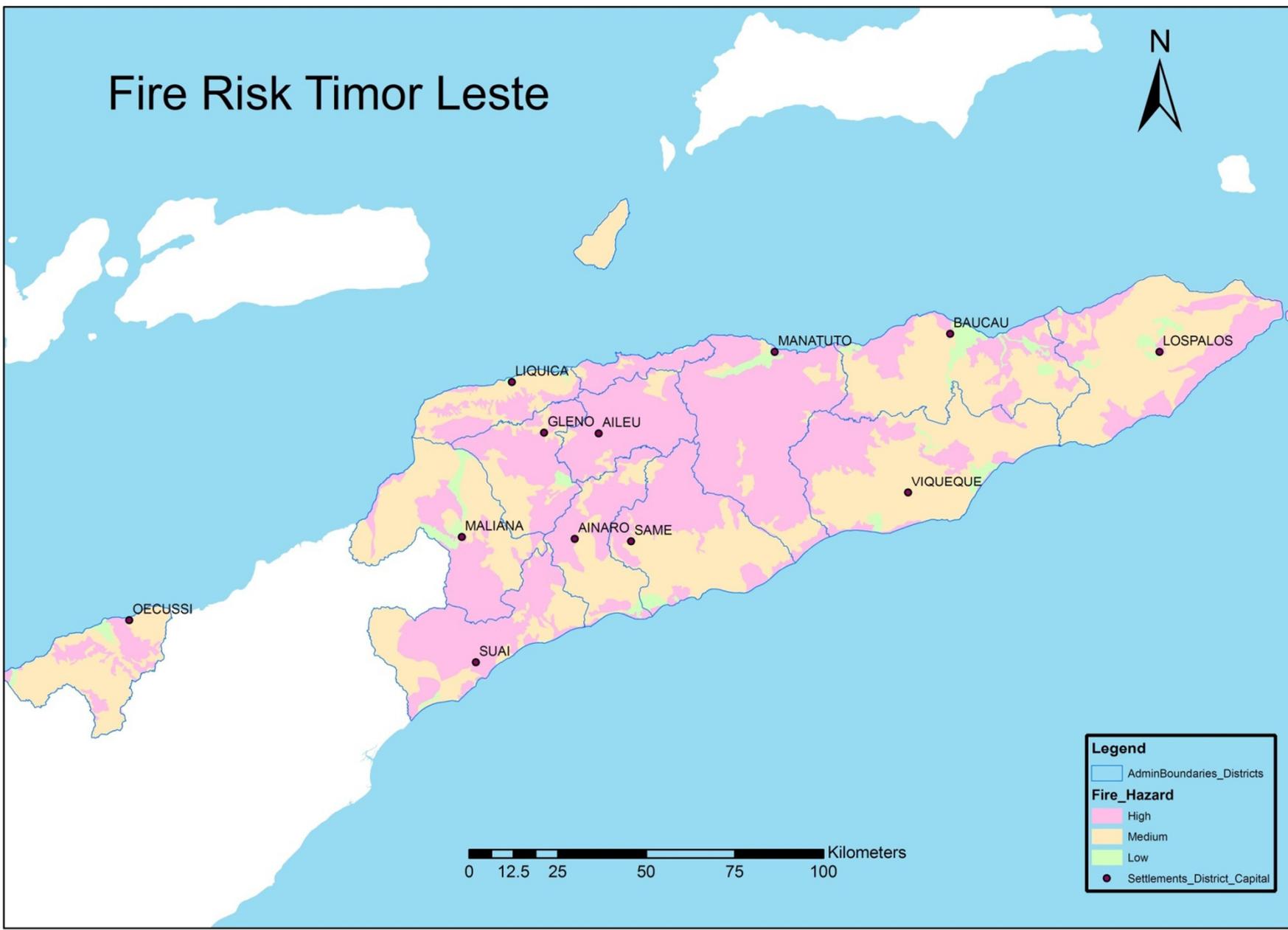
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## **Land slides**

- Loss of ecosystem and infrastructure
- causing environmental refugees
- loss of lives and property
- Loss of agricultural areas and crop production
- Decrease in water quality and availability



# Fire Risk Timor Leste



**Legend**

- AdminBoundaries\_Districts
- Fire\_Hazard**
  - High
  - Medium
  - Low
- Settlements\_District\_Capital

0 12.5 25 50 75 100 Kilometers



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# Vulnerable groups, Sectors and locations

## 1. Groups:

- Farmers who are living in highland areas (landslides, food insecurity, water, ...)
- Farmers in low land areas (vulnerable to water, drought and floods)
- Women and children

## 2. Sectors: agriculture, water supply and sanitation, health, infrastructure, forestry, fisheries

Locations: both low and upland community