

# **Climate Risk Assessment and Management : Tamil Nadu State Planning Commission and Regional Integrated Multi Hazard Early Warning Systems**



# Presentation Overview



**1. Introduction to Tamil Nadu  
Climate Change agenda**



**2. RIMES Project Approach**

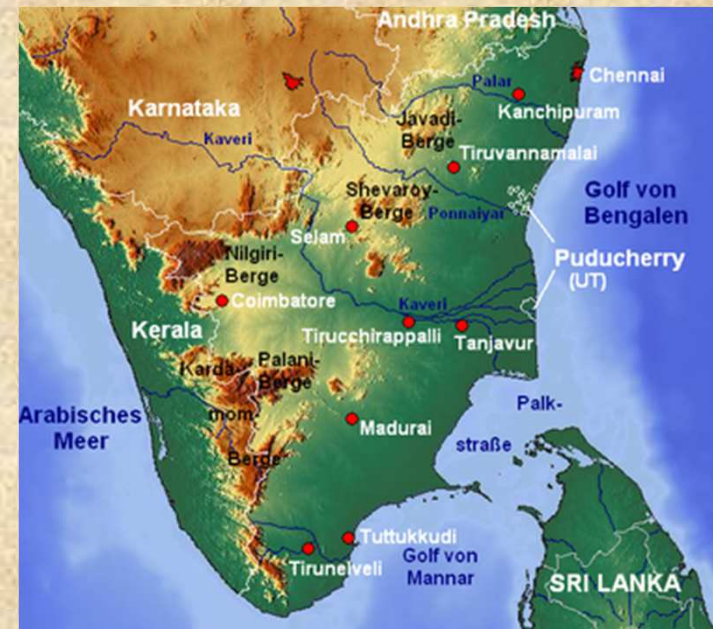
**3. Activities at TN SPC**



# Tamil Nadu: basic facts



- 11<sup>th</sup> largest State in India
- Area: 13,00,582 sq. km.
- Population: 67.86 million
- Coastline 992 km
- Mountains: 784 km
- GDP/capita: \$ 1642
- Annual RF: 945 mm
- Contribution of Agriculture To GDP: 18 %
- Dependence on Agriculture: 42% of population





# Tamil Nadu CCA



- State articulates climate concerns in its 12<sup>th</sup> Plan document committing to **inclusive, sustainable and climate resilient growth**.
- **State Action Plan for Climate Change** documents State's Vulnerability and Risks associated with Climate Change
- **State Climate Change Cell** mooted with information feed to Revenue Administration Disaster Management and Mitigation; Agriculture, Animal Husbandry, Public health and Energy Departments
- RIMES collaboration to provide **template and methodology**

## XII FYP plan features



### **Vision to accelerate growth in Agriculture:**

122,00,000 people **remain poor** in Tamil Nadu

**Decline in share of Agriculture to GDP**, even though number dependent on Agriculture **42%**

Structural shift towards the Tertiary Sector, **exacerbates problems of Rural Poverty**

Agriculture projected to **grow at 5 %** (up from 4% in the previous two Plan periods). Focus on **Small and Marginal Farmers**

# TN SPC and RIMES Collaboration

## Integration of **Climate Risk Management** (CRM) into **Development Planning** process

A collaborative on going effort between the TN State Planning Commission and **Regional Integrated Multi-Hazard Early Warning Systems for Africa and Asia** (begun 2011 with UNESCAP support).

- ✓ RIMES provides early warning on weather related events and decision support systems for contingency planning .
- ✓ TN SPC has the mandate to provide recommendations on development planning to TN on all sectors of the economy
- ✓ CRM adopted into Tamil Nadu's XII<sup>th</sup> FYP (2012-2017) and follow on CRM programs.



# RIMES CRA methodology

- Traditional Risk Assessment Methodologies **underestimated climate risks** since focused on assessing a part of direct impacts, **not factoring in indirect and cascading impacts on over all economy**
- Traditional Risk Assessment Methodologies mostly focused on assessing **high impact of extreme events** and by and large ignored **impact of low impact and high frequency events**
- RIMES Risk Assessment methodology addressed these shortcomings.

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_4493](https://www.yunbaogao.cn/report/index/report?reportId=5_4493)

预览已结束，完整报告链接和二维码如下：



# et and high frequency risk



ate is sensitive  
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Source: Dinamalar, 2011

**rairupu in Virudhunagar district**

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ure in March 10 to 24, 2012 affected these tender  
(down)