

# Curso – TerraMA<sup>2</sup> v4

## - Instalação e Configuração - Versão Windows

Projeto :



Realização :



Ministério do  
Meio Ambiente



Para instalação completa do TerraMA<sup>2</sup> – deve-se instalar:

- Instalar as dependências do TerraMA<sup>2</sup>
  - ❑ **PostgreSQL + PostGIS**
  - ❑ **NodeJs**
  - ❑ **Java, Tomcat e Geoserver**
  - ❑ **VMINE**
  - ❑ **TerraLib + TerraView**
- Instalar o TerraMA<sup>2</sup>
  - ❑ **Aplicativos Web de Administração e Monitoramento**

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# Site : [www.dpi.inpe.br/terrama2](http://www.dpi.inpe.br/terrama2)



Ministério da Ciência e Tecnologia

Destaques do governo



## TerraMA<sup>2</sup>

## Monitoring, Analysis and Alert



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TerraMA2 (old SISMA DEN) is a software product, a computational system, based on a Service Oriented Architecture (SOA), which provides the technological infrastructure required to develop operational systems for environmental risks monitoring and alert. TerraMA2 provides services to gather updated data through internet and to add it to the alert system database; services to manipulate/analyze new data in real time and check if a risk situation exists by comparing with risk maps or a defined model; services to execute/edit/create new risk and alert models; services to create and notify alerts to system users; and other basic and advanced services.

### System Operation

The alert system operation requires access to updated data from observations and forecasts, in addition to risk maps of the targeted areas or mathematical models that define the risks.

- **System Operators:** The system operators are organizations that monitor the possibility of disaster events.
- **Alert Clients:** The alert clients are agents with capability to execute preventive actions to reduce losses if the disaster occurs.

### Database

- **Dynamic Data** - report on the condition of variables obtained at intervals time.
- **Static data** - contain information about the pre-conditions for the occurrence of a disaster. Your update should be performed whenever a pre-condition is changed or when the model of occurrence of the disaster is updated.



### News

**New data ETA15km Forecast Model.**

**The ETA models 20 and 40km will be discontinued from October 30, 2011.**

### Links

