

INCT_{MC2}
INCT para Mudanças
Climáticas · Fase 2



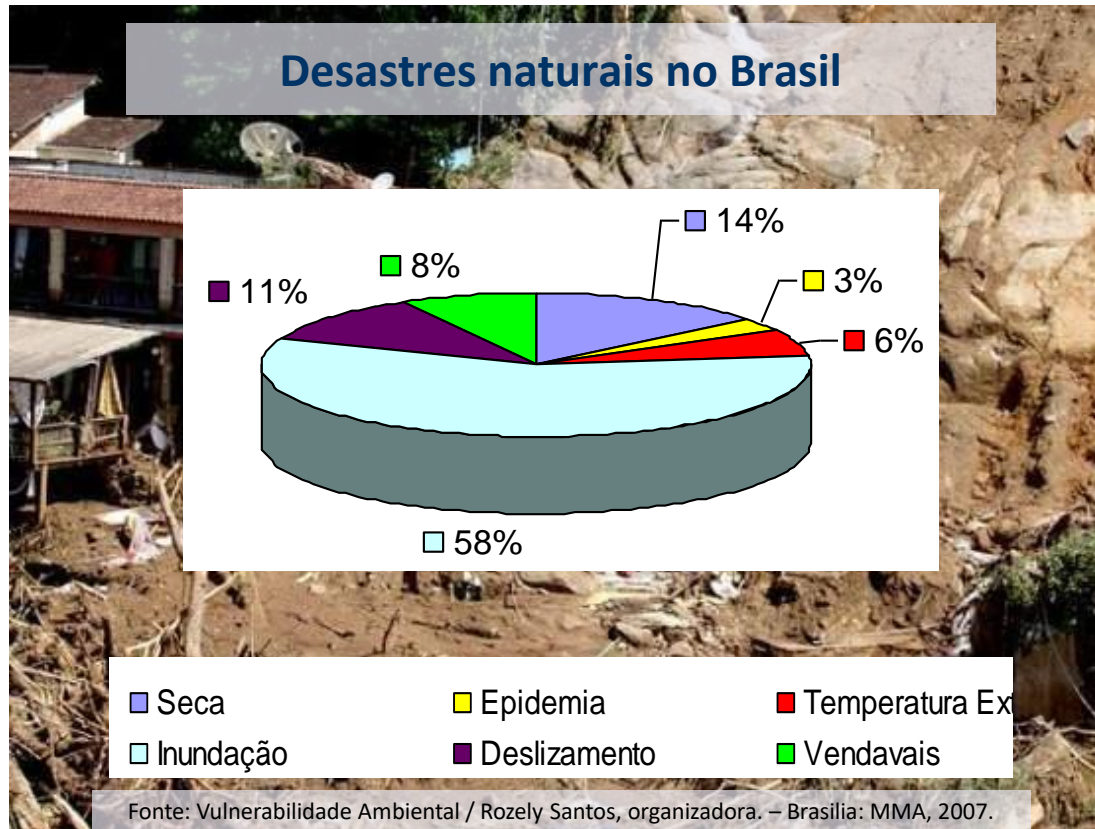
Hydrometeorological hazards and risk of natural disasters: The 2010-2016 drought in the semiarid Northeast Brazil region

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Types of natural disasters in Brazil

Triggers of Natural Disaster

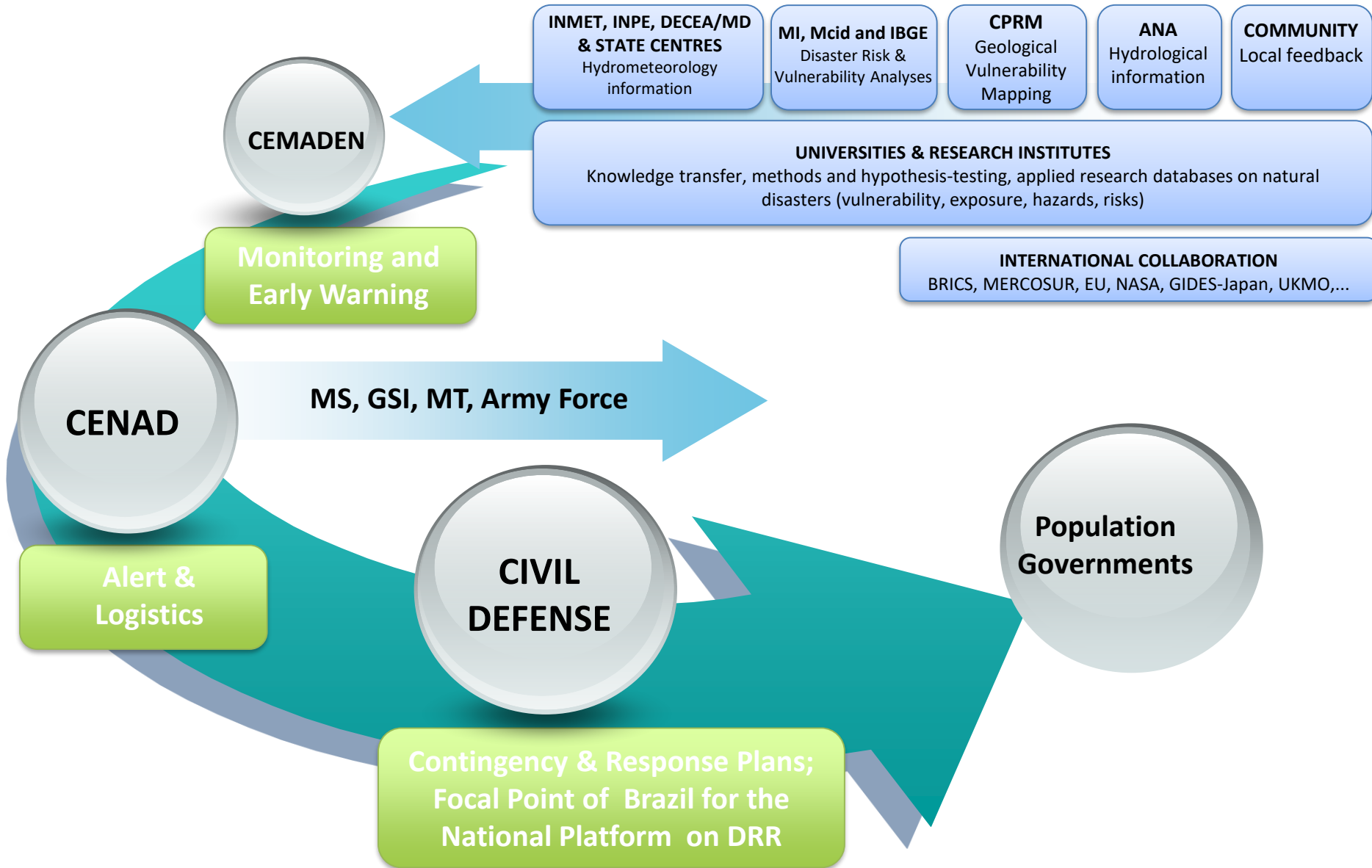
- Intense/prolonged rains, storms
- Windstorms, hail
- Temperature and humidity of air extremes
- Strong winds
- Dry spells

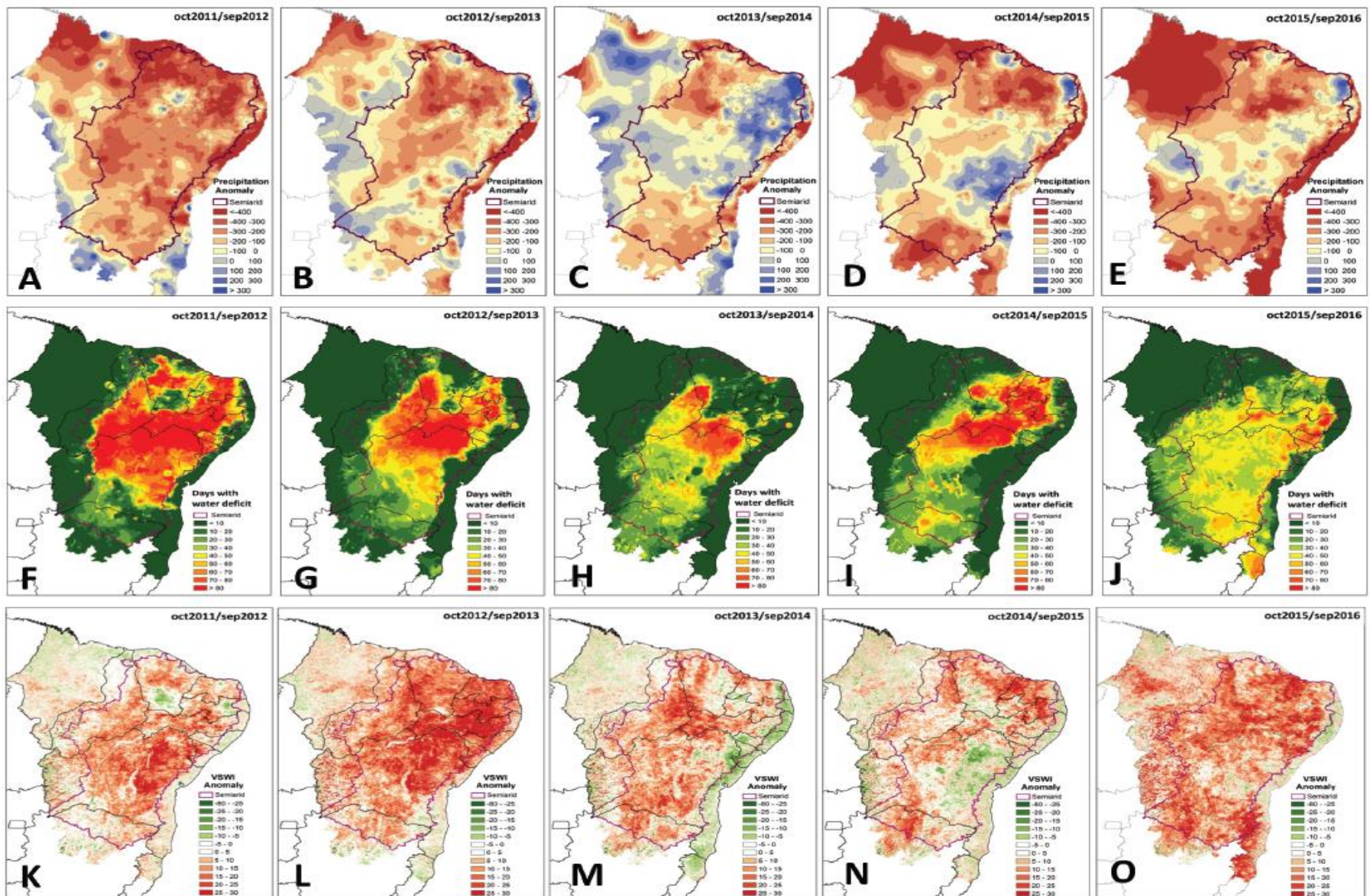


Types of Natural Disasters

- Landslides, mudflow and debris flows
- Floods, flashfloods, floodings
- Crop failure
- Fires
- Coastal erosion
- Acute episodes of air and water pollution
- Water supply collapse
- Epidemics

National Strategy for Disaster Risk Management





(a-e): Rainfall anomalies (in mm) for the hydrological year October-September from 2011-12 to 2015-16 [CPTEC INPE, INMET and CEMADEN]; (f-j) Number of days with water deficit (number of dry days) [Tomasella et al. 2000, Rossato et al 2014]; (k-o) VSWI-Vegetation water supply index anomalies (in %)[Cunha et al. 2015]. Color scale is shown on the lower right side of the panels.