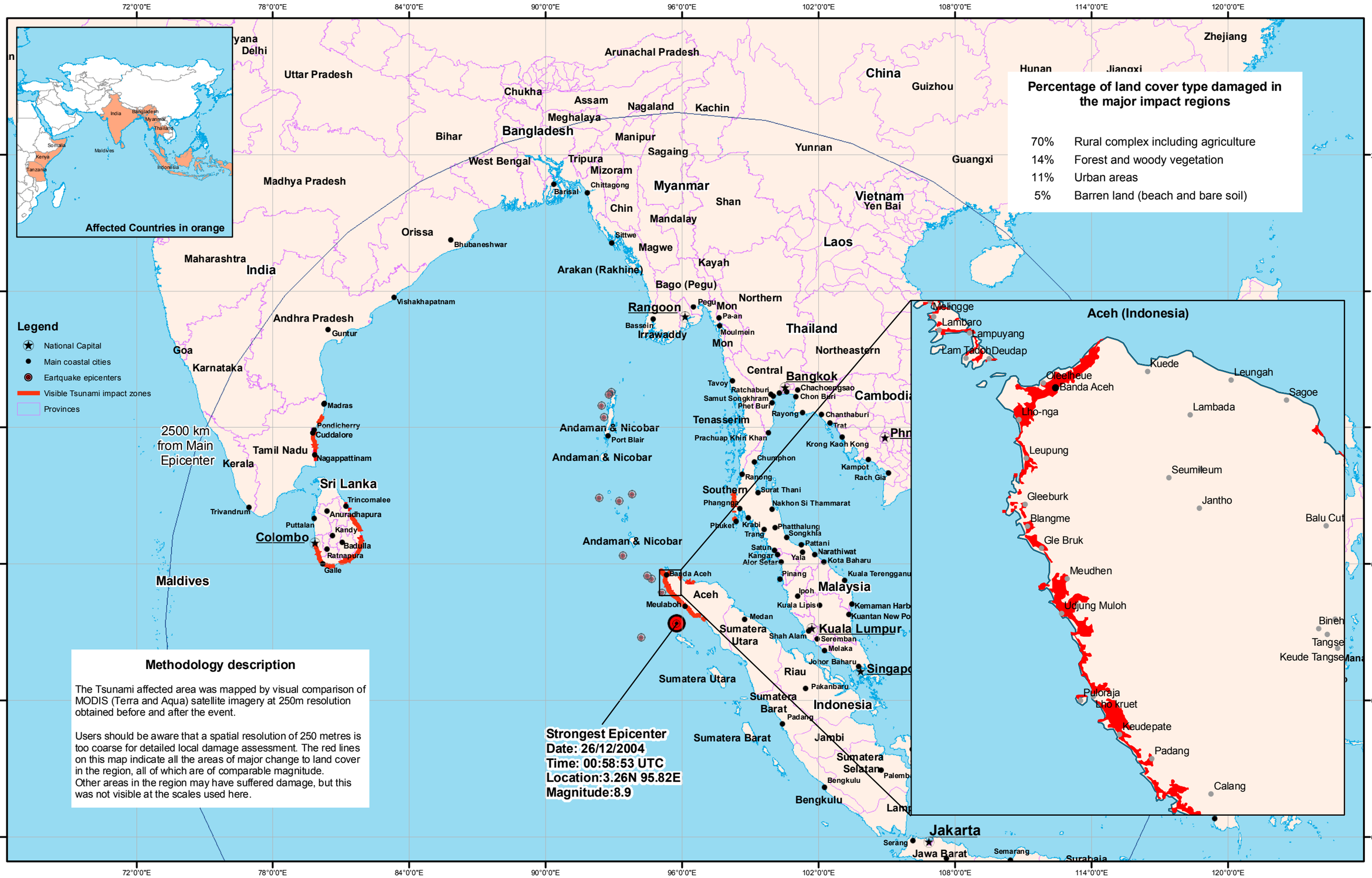
South Asia Earthquake and Tsunami
Major impacts on land cover; regional analysis based on MODIS satellite data



Methodology description

The Tsunami affected area was mapped by visual comparison of MODIS (Terra and Aqua) satellite imagery at 250m resolution obtained before and after the event.

Users should be aware that a spatial resolution of 250 metres is too coarse for detailed local damage assessment. The red lines on this map indicate all the areas of major change to land cover in the region, all of which are of comparable magnitude.
Other areas in the region may have suffered damage, but this was not visible at the scales used here.

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Earthquake epicenters data from USGS as 03 Jan 2005 9:47:18 UTC
Sources: MODIS satellite data.
MapID: 675 Production date: 31 January 2005

1 cm equals 176 km

N W E S

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