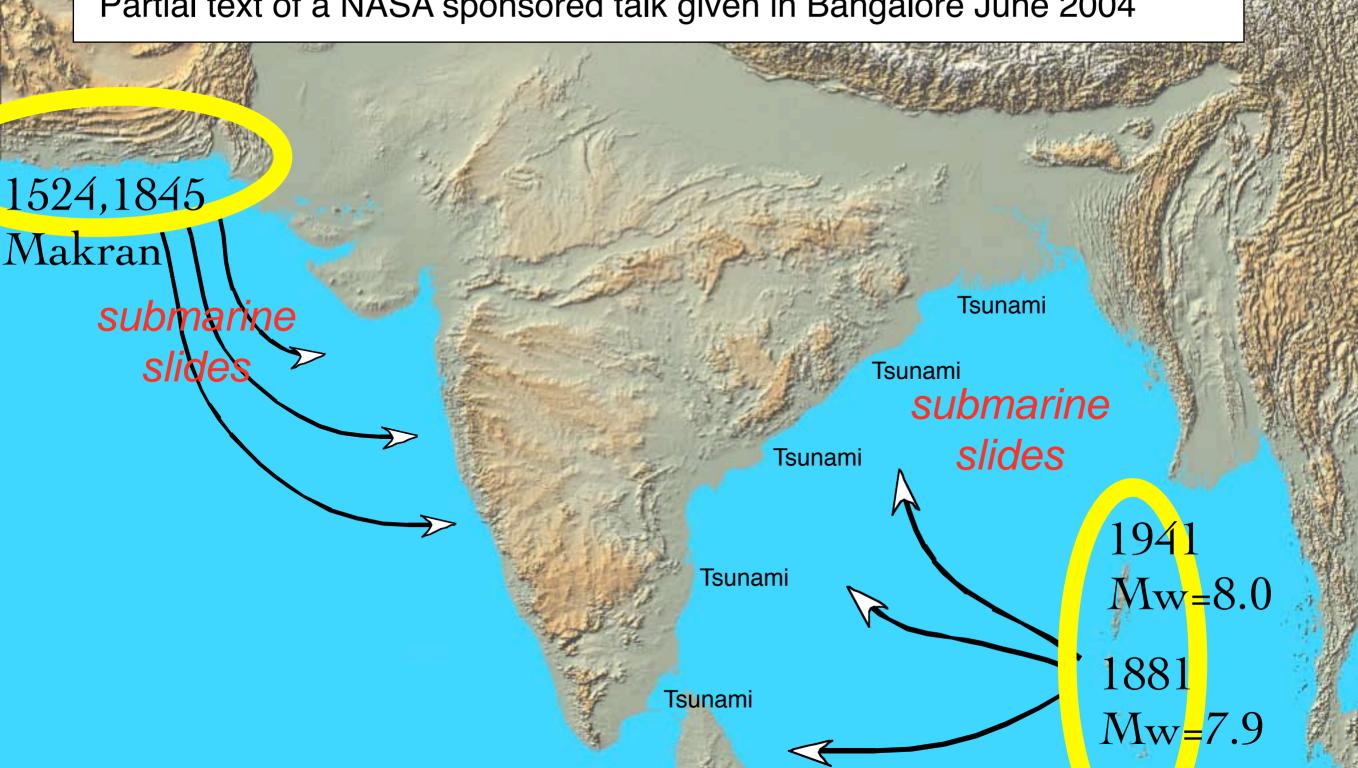
Quantifying tsunami risk

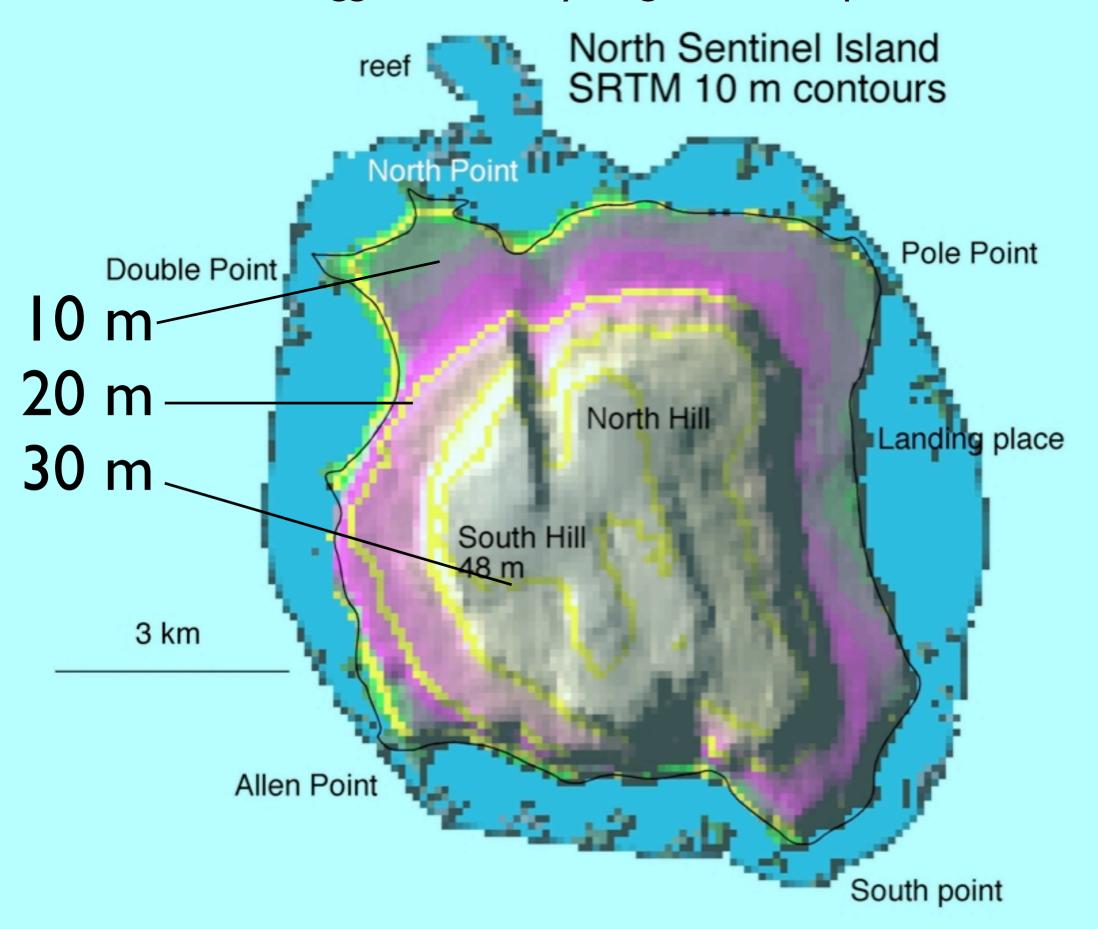
using SRTM digital elevation data and scenario earthquakes

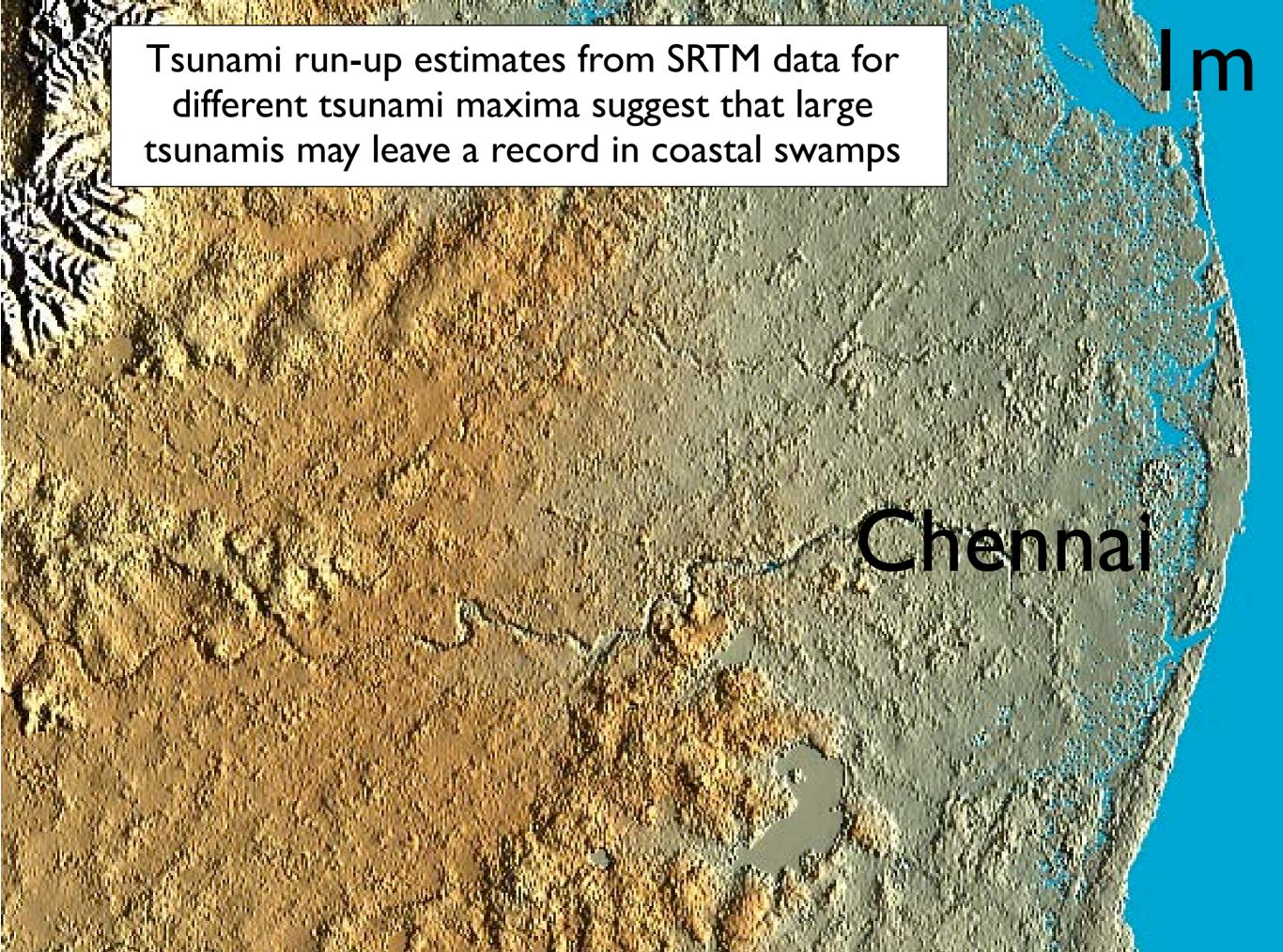
Partial text of a NASA sponsored talk given in Bangalore June 2004

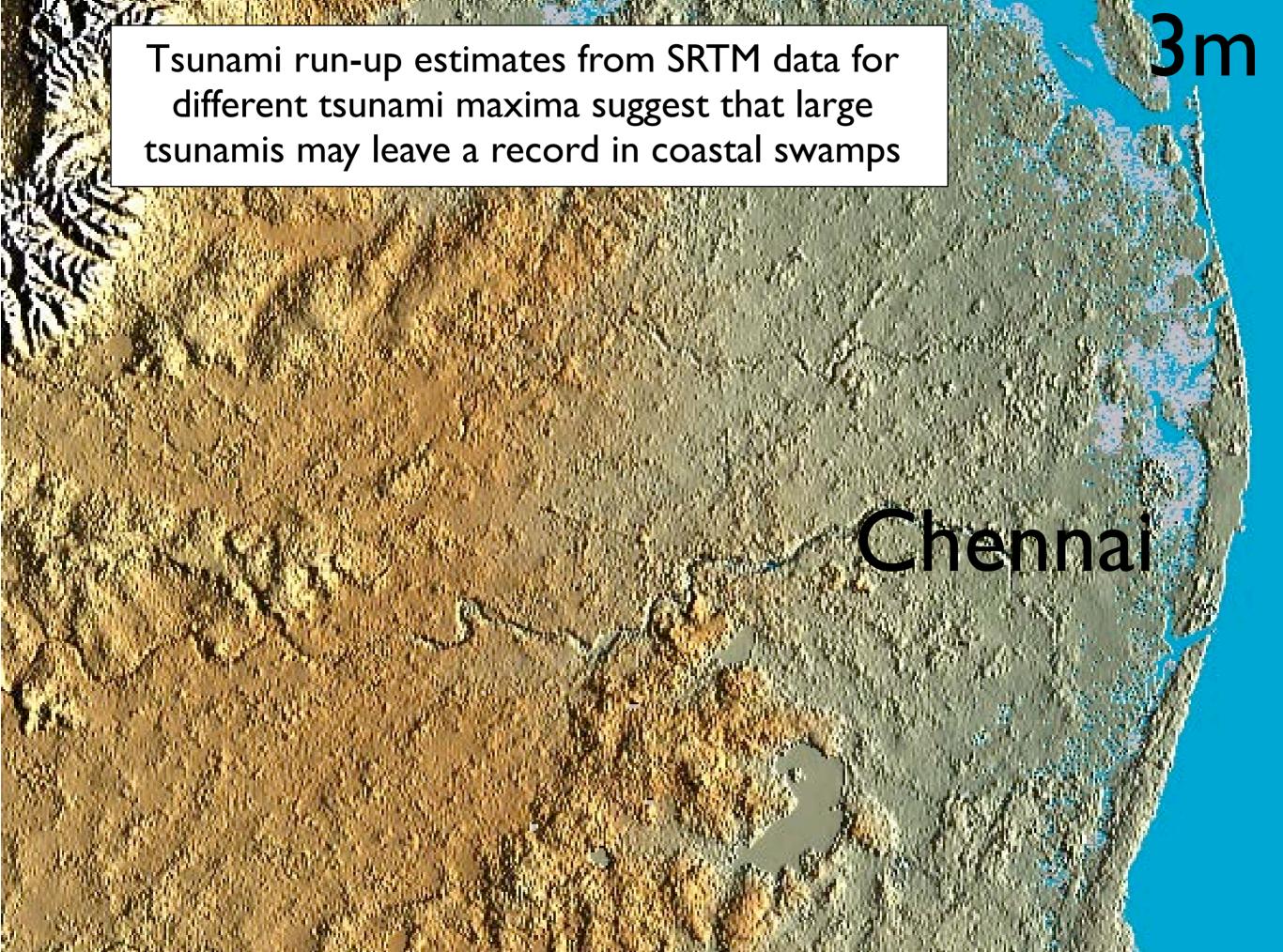


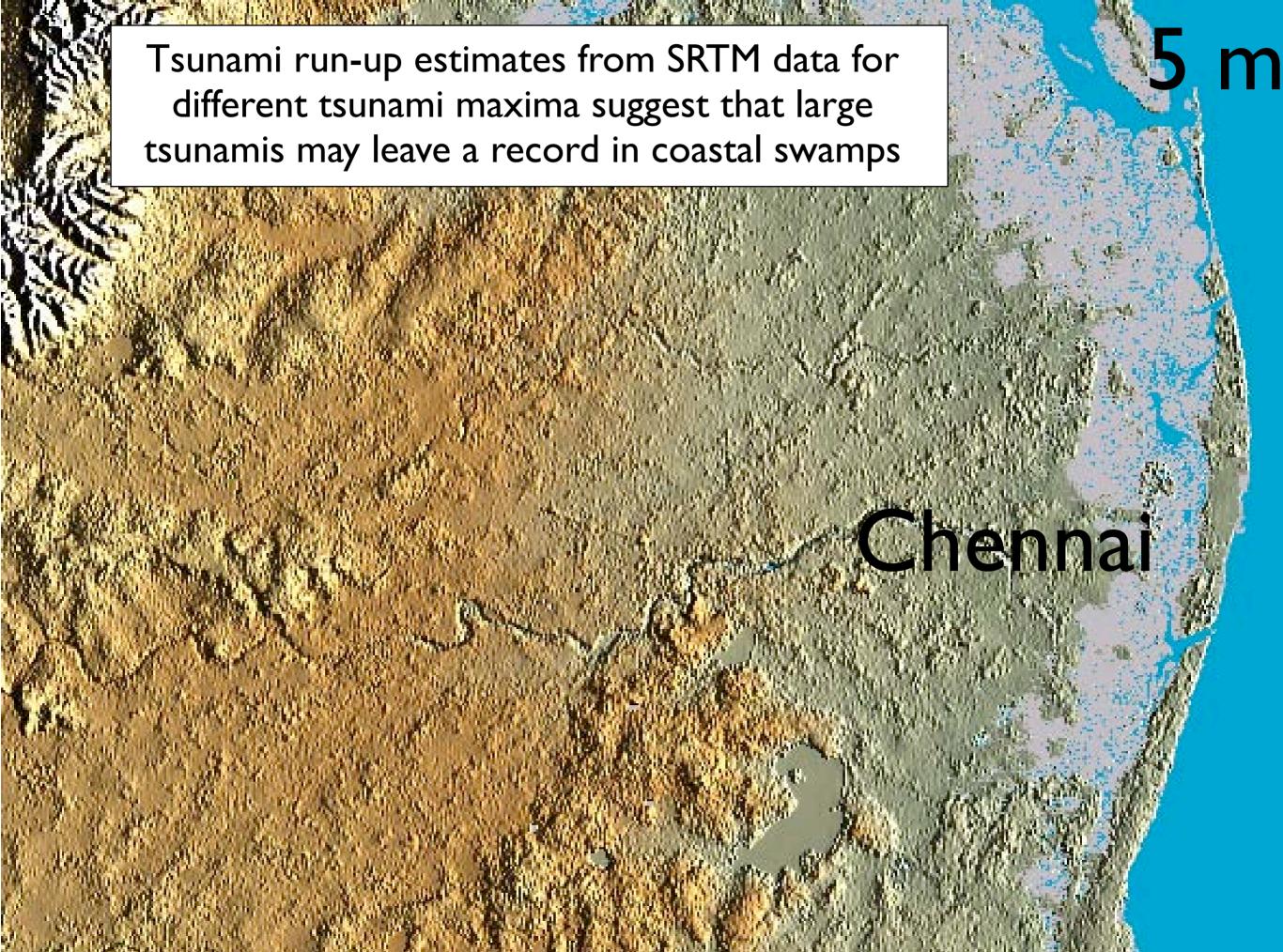
W. coasts of 13 -Andaman Nicobar Islands repeatedly uplift by tsunamigenic earthquakes 881 Next slide shows SRTM evidence for incremental uplift of North Sentinal Island zone of coseismic uplift Andaman

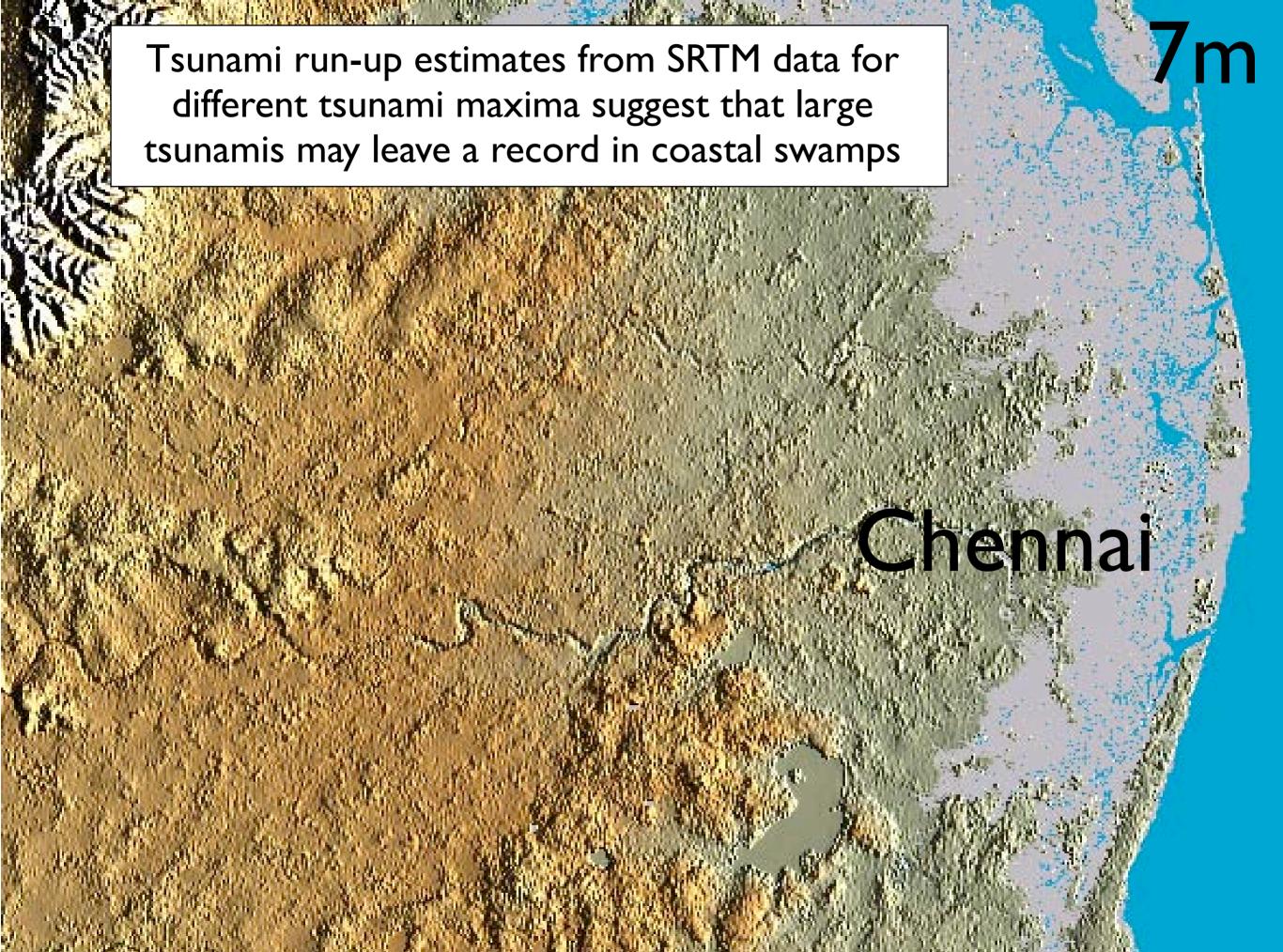
Marine terraces suggest a history of great earthquakes

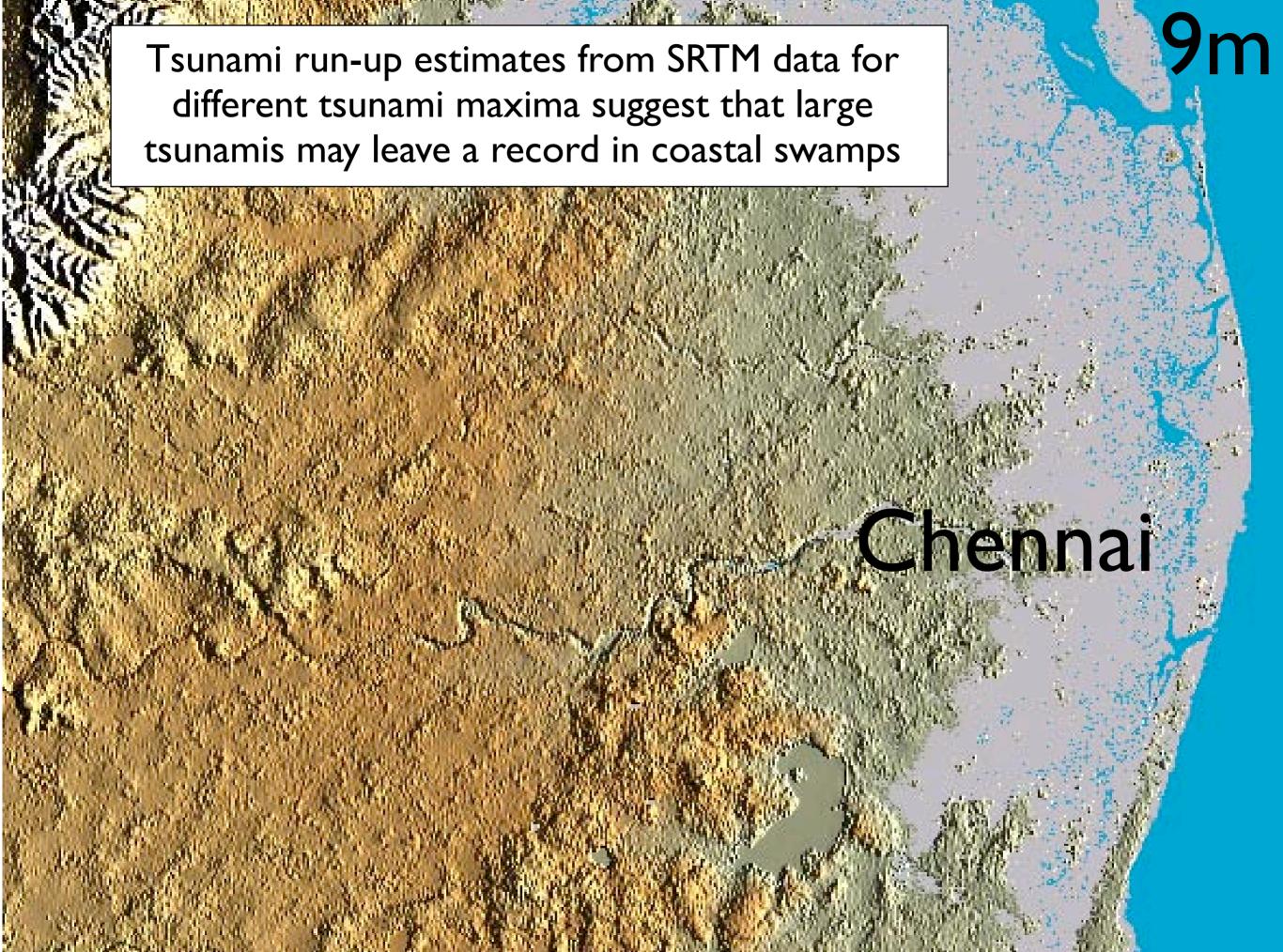












Summary: Remote sensing India's earthquakes

- 1. Monitoring mechanics of earthquakes
- 2. Quantifying India's earthquake history
- 3. Quantifying tsunami risk
- 4. Predicting earthquakes not possible but identifying damage within minutes of an earthquake an important application.

