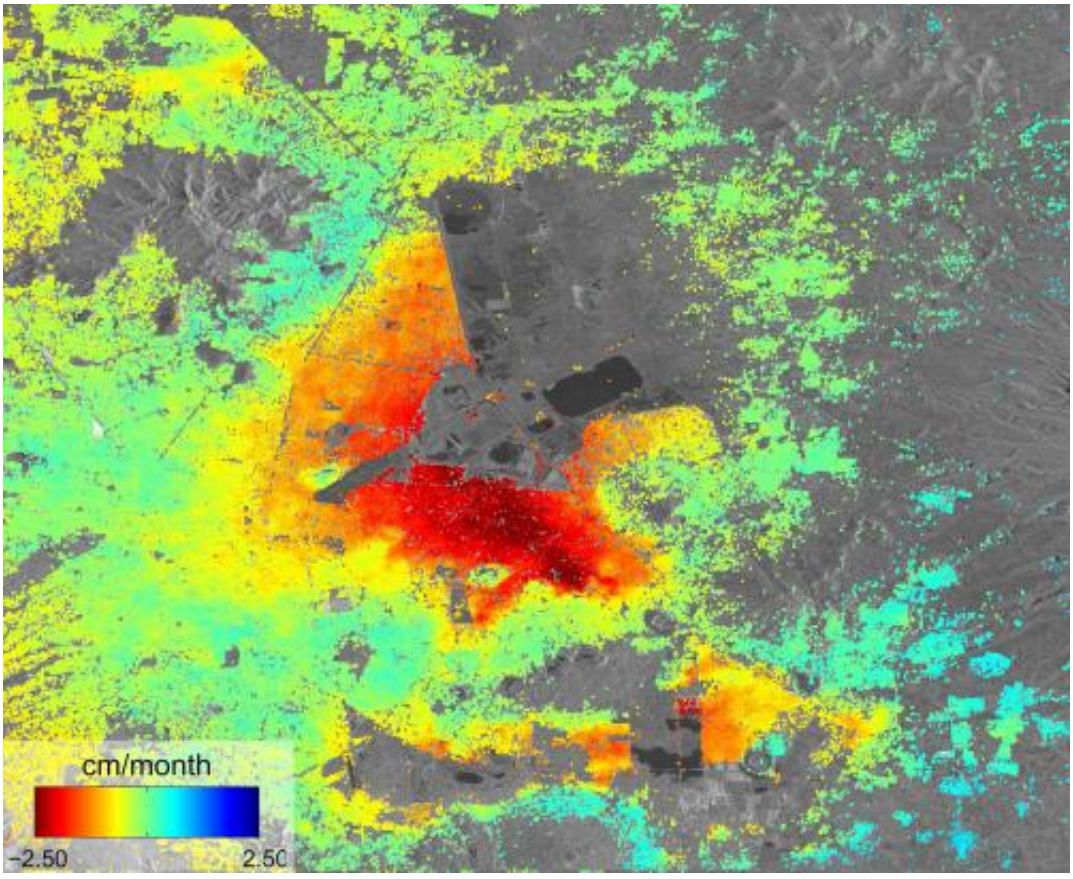
ESA image: Mexico City subsidence

December 12 2014



Credit: Copernicus data (2014)/ESA/DLR Microwave and Radar Institute–SEOM InSARap study

Five Sentinel-1A radar scans acquired between 3 October and 2 December 2014 were combined to create this image of ground deformation in Mexico City.

The deformation is caused by ground water extraction, with some areas of the city subsiding at up to 2.5 cm/month (red).

These preliminary results were presented at the InSARap Workshop at ESA's ESRIN centre for Earth observation in December 2014.

InSARap is a project under ESA's Scientific Exploitation of Operational Missions (SEOM) programme.

Provided by European Space Agency