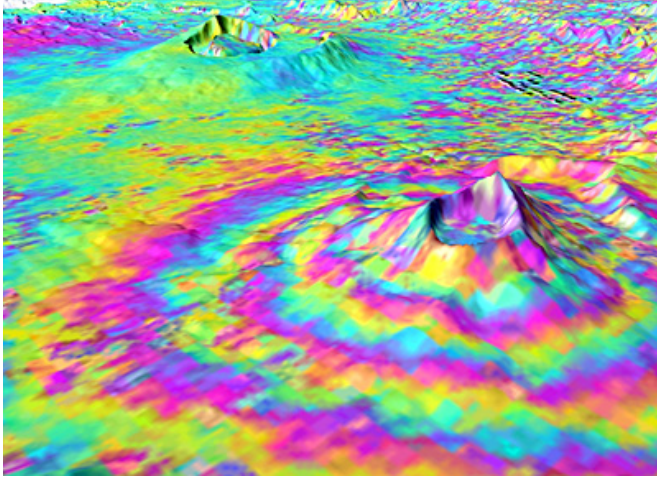


Image: Volcanic uplift

2 July 2010



Credits: ESA

(PhysOrg.com) -- This Envisat Advanced Synthetic Aperture Radar interferogram over the Kenyan section of the Great Rift Valley shows small surface displacements that are not visible to the naked eye of the Longonot (front right). In the background is Suswa volcano, which was not deforming at this time.

A group of scientists employed the technique known as SAR [Interferometry](#) (InSAR) - a sophisticated version of 'spot the difference' - on over a decade worth of radar images from ESA's Envisat and ERS satellites to study [volcanic activity](#) in the [Great Rift Valley](#), which extends through Africa from Mozambique to Djibouti.

Using InSAR has allowed the group, headed by Dr. Juliet Biggs, to detect the smallest (

APA citation: Image: Volcanic uplift (2010, July 2) retrieved 23 April 2021 from <https://phys.org/news/2010-07-image-volcanic-uplift.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.