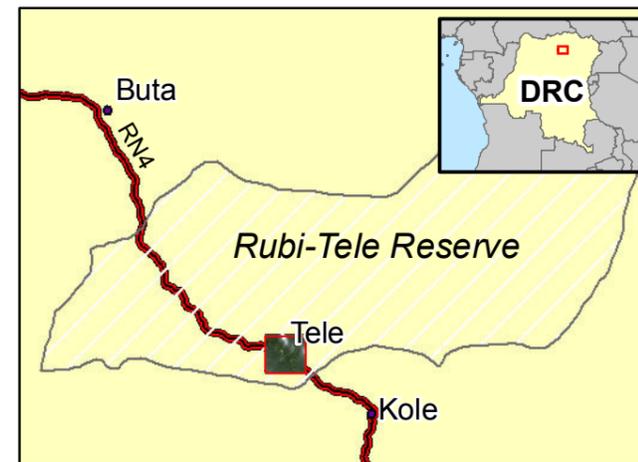


Critical Assets Map

Changes bare soil 2010 - 2011

Location



Local projection: UTM Zone 32 , Datum: WGS 84
 Geographic projection: Lat/Lon (DMS), Datum: WGS 84



Data sources

<u>Satellite data</u> date: 19/03/2011 copyright: Geo-Eye resolution: 4 m	<u>Other data</u> Map analysis - © EUROSENSE
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Description

This map was produced by the G-MOSAIC Critical Assets monitoring Service (CTA).

The CTA service is monitoring the rehabilitation of the road 'RN4' in DRC, from Kisangani up to Bondo and Bunduki. The Rubi-Tele reserve is one of the hotspots along the RN4 for which 2 VHR Geo-Eye scenes were acquired on 27/04/2010 and 19/03/2011. An automatic classification is executed on the 2 VHR scenes. The class 'Bare soil' is compared here. This class identifies the areas where no new vegetation has emerged yet. In many cases, the fallen trees are still on the terrain. The classification shows that the total area of bare soil has remained stable at the time of the two acquisitions. The number of bare soil patches has increased from 185 in 2010 to 207 in 2011. The average size of the patches dropped from 0,42 ha to 0,37 ha. The vector product is delivered to the end-user (OSFAC).

Legend

- | | |
|----------------------------|-----------------------|
| Roads | Protected area |
| RN4 (under rehabilitation) | Rubi-Tele Reserve |
| Classification | |
| River | |
| Bare soil in 2010 | |
| Bare soil in 2011 | |
| Road | |

Disclaimer

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