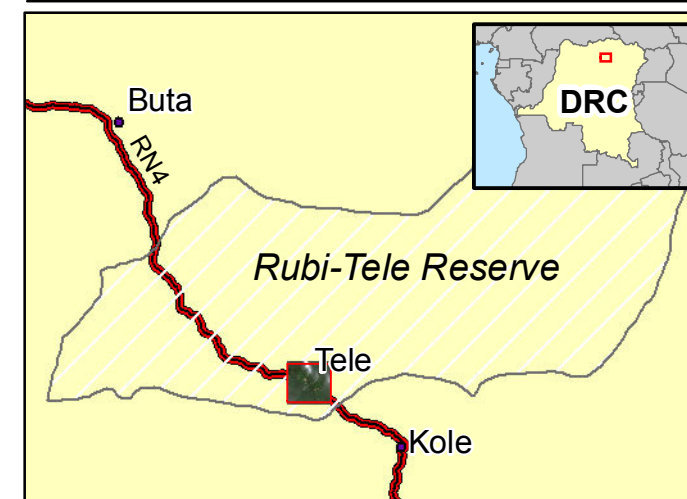


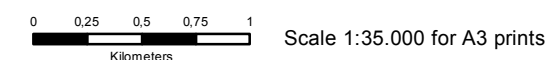
Critical Assets Map

Evolution bare soil 2010 - 2011

Location



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



Data sources

Satellite data
 date: 19/03/2011
 copyright: Geo-Eye
 resolution: 4 m

Other data
 Map analysis - © EUROSENSE

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. A semi-automatic classification is executed on the 2 VHR scenes. The origin of the class 'Bare soil' in 2011 is shown here. The 'bare soil' class identifies the areas where no new vegetation has emerged yet. The bare soil mapped in 2011 is divided in separate classes, based on the original class in 2010. This analysis shows that the majority of the bare soil in 2011 was mapped as secondary forest in 2010 (52.9 ha). The second largest conversion is from grassland into bare soil (14.1 ha). 5.1 ha of primary forest has been transformed into bare soil in 2011, while 4.8 ha was already mapped as bare soil in 2010. The vector product is delivered to the end-user (OSFAC).

Legend

- | | |
|---|-----------------------|
| Roads | Protected area |
| RN4 (under rehabilitation) | Rubi-Tele Reserve |
| Classification | |
| Bare soil in 2011, bare soil in 2010 | River |
| Bare soil in 2011, grassland in 2010 | Road |
| Bare soil in 2011, secondary forest in 2010 | |
| Bare soil in 2011, primary forest in 2010 | |

Disclaimer

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