OVERVIEW OF DAMAGE IN KIBERA & HURUMA ESTATES FOLLOWING POST-ELECTION VIOLENCE - NAIROBI, KENYA

Satellite Damage Analysis with Quickbird-2 Imagery Recorded 7 January 2008 & Formosat-2 Imagery Recorded on 9 January 2008

Grid No: GE-2008-000001-KEN

23 January 2008

Version 1.1

Map Description & Legend

This map provides an overview of damage to buildings in Kibera & Huruma Estates that occurred from the post-election violence in Nairobi, Kenya. The damage analysis has been done by image-registration, using Quickbird-2 imagery recorded on 7 January 2008 and Formosat-2 imagery recorded on 9 January 2008. The buildings that have been damaged have been identified and marked on the images for each damage site location. The image registration process is likely to be an underestimate of the actual number of affected buildings because of the highly compact and irregular construction within the study area. These results have not yet been validated at the field level and are subject to revision. Please see the map information section for details on the damage analysis.

The locations and use of boundaries, geographic names, and imagery data shown here are not intended to be error-free but are they imply official endorsement or accuracy by the United Nations. This task was initiated by the United Nations Operational Support Applications Program (UNOSAT). UNOSAT provides satellite imagery and regional geographic information to UN humanitarian and development agencies and their implementing partners.

Map Information

Satellite Data (1) Quickbird-2
Resolution (1) 60 cm
Date Series 7 Jan. 2008
Image Copyright DigitalGlobe (2008)
Satellite Data (2) Formosat-2
Resolution (2) 2.0 m (PanSharpened)
Date Series 9 Jan. 2008
Image Copyright NSPO (2008)
Damage Analysis: UNOSAT
Road & Place Data: Google & Microsoft
Other GIS Data: NASA, WFP, UNHLC
Map Projection: UTM, Zone 37 South
Datum: WGS-84

Map Scale for A3: 1:1,600
(All overview maps are same scale)

The map provides an overview of the satellite-detected damage to buildings in Kibera & Huruma Estates that occurred from the post-election violence in Nairobi, Kenya. The damage analysis has been done by image-registration, using Quickbird-2 imagery recorded on 7 January 2008 and Formosat-2 imagery recorded on 9 January 2008. The buildings that have been damaged have been identified and marked on the images for each damage site location. The image registration process is likely to be an underestimate of the actual number of affected buildings because of the highly compact and irregular construction within the study area. These results have not yet been validated at the field level and are subject to revision. Please see the map information section for details on the damage analysis.

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