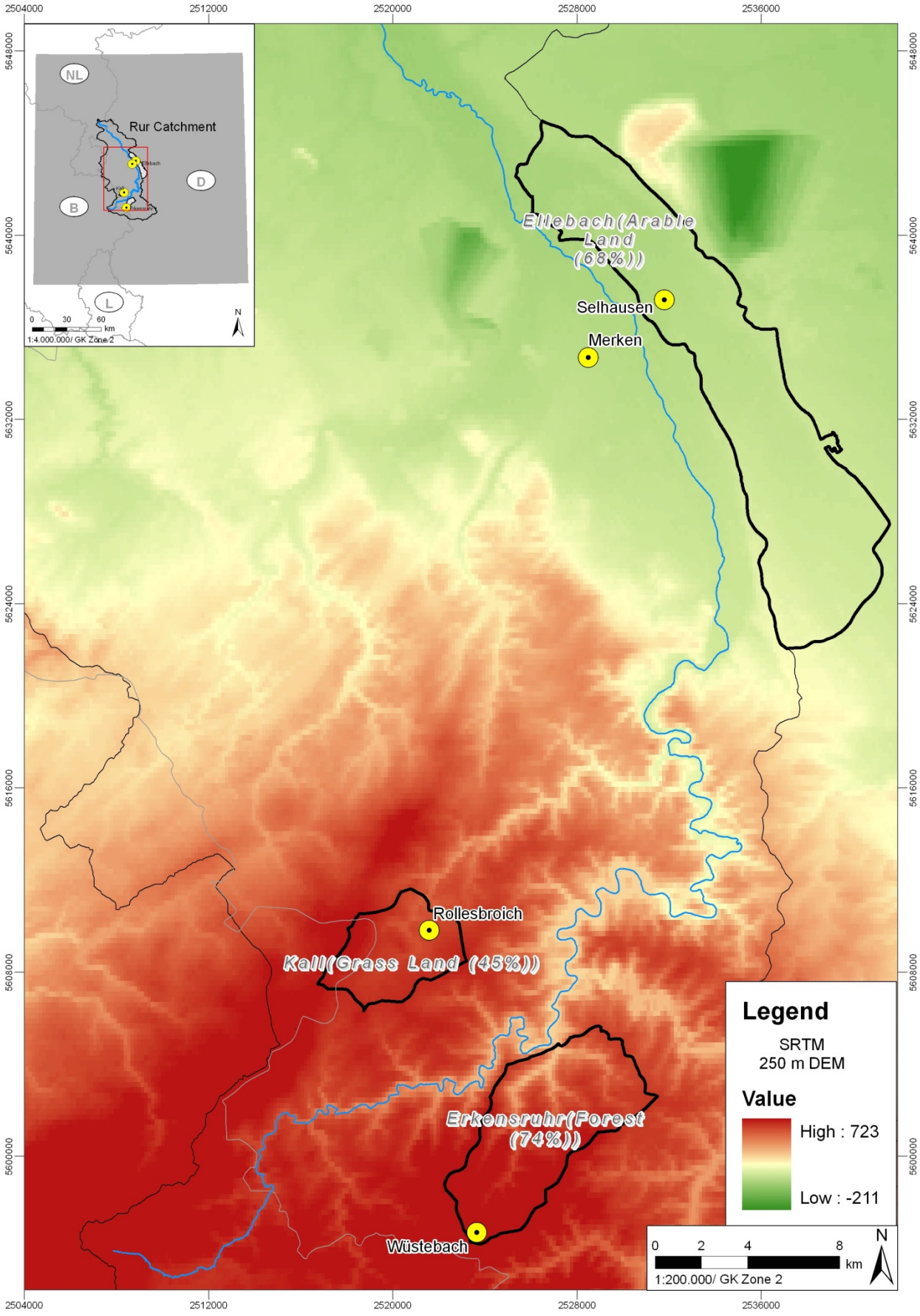
Documentation – Shuttle Radar Topography Mission Data – SRTM resampled 250 m Version 4 Digital Elevation Data

Content	
files:	data SRTM_V4_250m srtm_V4_TR32_c4_250m.tif: .tif file of the SRTM 250 m DEM data srtm_V4_TR32_c4_250m_ascii.txt: ASCII file of the SRTM 250 m DEM data documentation this file SRTM_v4_250m_screenshot.jpg research Jarvis4.pdf: Practical use of SRTM data in the tropics – Comparisons with digital elevation models generated from cartographic data by Jarvis, A., Rubiano, J., Nelson, A., Farrow, A. & Mulligan, M. Reuteretal2007.pdf: An evaluation of void filling interpolation methods for SRTM data by Reuter, H.I., Nelson, A. & Jarvis, A.
data size:	data folder: 6,39 MB entire folder: 6,39 MB
extend:	C4 modelling area (dark grey area in overview map of example)
provider:	CGIAR Consortium for Spatial Information
language:	English
date of publication:	2008-08-08
date of purchase:	2008-10-18
Description	
description:	The SRTM 90m Version 4 DEMs have a resolution of 90m (3 arc second) at the equator. This dataset is resampled to 250m resolution by CGIAR-CSI. The NASA Shuttle Radar Topographic Mission (SRTM) has provided digital elevation data (DEMs) for over 80% of the globe. The vertical

	error of the DEMs is reported to be less than 16m. The data currently being distributed by NASA/USGS (finished product) contains "no-data" holes where water or heavy shadow prevented the quantification of elevation. These are generally small holes, which nevertheless render the data less useful, especially in fields of hydrological modeling. Dr. Andy Jarvis and Edward Guevara of the CIAT Agroecosystems Resilience project, Dr. Hannes Isaak Reuter (JRC-IES-LMNH) and Dr. Andy Nelson (JRC-IES-GEM) have further processed the original DEMs to fill in these no-data voids. The DEM files have been mosaiced into a seamless near-global coverage (up to 60 degrees north and south), in geographic coordinate system - WGS84 datum.
more information:	http://srtm.csi.cgiar.org/
abbreviations used in data:	not necessary

Example



Part of SRTM 250 m displayed in Arc GIS

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