Data Sources

The following data sources are gratefully acknowledged:

Farming Systems

Draft Farming Systems of Africa - GAEZ FAO/IIASA, FAOSTAT, Harvest Choice and expert opinion

Contextual Layers

Length of Growing Period - GAEZ ver 3.0 FAO/IIASA

Market access - Harvest Choice

Cropland area – Harvest Choice based on Ramankutty et al. (2008), "Farming the planet: 1. Geographic distribution of global agricultural lands in the year 2000", Global Biogeochemical Cycles, Vol. 22, GB1003, doi:10.1029/2007GB002952.)

Irrigated cropland –Siebert, S., Döll, P., Hoogeveen, J., 2002. Global map of irrigated areas version 2.1. Center for Environmental Systems Research, University of Kassel, Germany, and FAO, Rome, Italy.

Land degradation / Change in Net Primary Production - Original data sourced from Bai ZG, Dent DL, Olsson L and Schaepman ME 2008. Global assessment of land degradation and improvement. 1. Identification by remote sensing. Report 2008/01, ISRIC – World Soil Information, Wageningen

Elevation - USGS Hydro1K via Harvest Choice

Tropical Livestock Unit – Harvest Choice. Tropical Livestock Units are livestock numbers converted to a common unit (in 2005). Conversion factors are: cattle = 0.7, sheep = 0.1, goats = 0.1, pigs = 0.2, chicken = 0.01. Factors taken mostly from http://www.lrrd.org/lrrd18/8/chil18117.htm, except for cattle. See also http://en.wikipedia.org/wiki/Livestock_grazing_comparison.

Tree cover on agricultural land - Original data sourced from Zomer RJ, Trabucco A, Coe R and Place F. 2009. Trees on Farm: Analysis of Global Extent and Geographical Patterns of Agroforestry. ICRAF Working Paper no. 89. Nairobi, Kenya: World Agroforestry Centre

Undernourishment - Original Data sourced from van Wesenbeeck and Merbis (2009) Data repository of the food economy of Sub-Saharan Africa. Centre for World Food Studies, VU University, De Boelelaan, Amsterdam, the Netherlands

Yield gaps of major crops - GAEZ ver 3.0 FAO/IIASA

Farming Subsystems

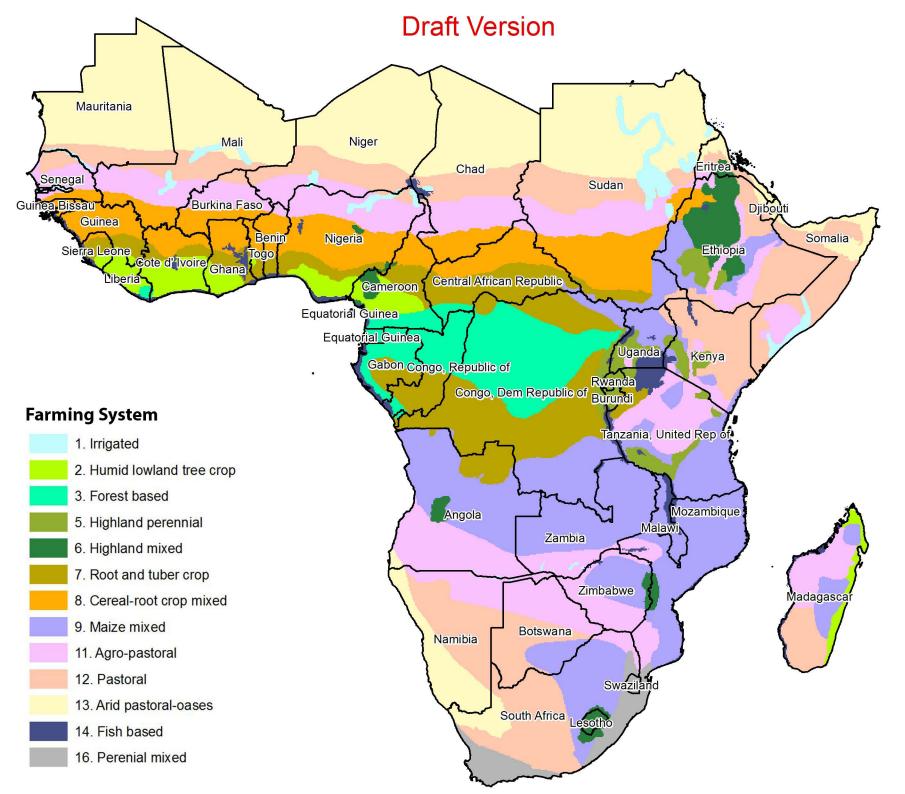
Highland Perennial Farming Systems - GAEZ ver 3.0 FAO/IIASA, FAOSTAT, Harvest Choice and expert opinion

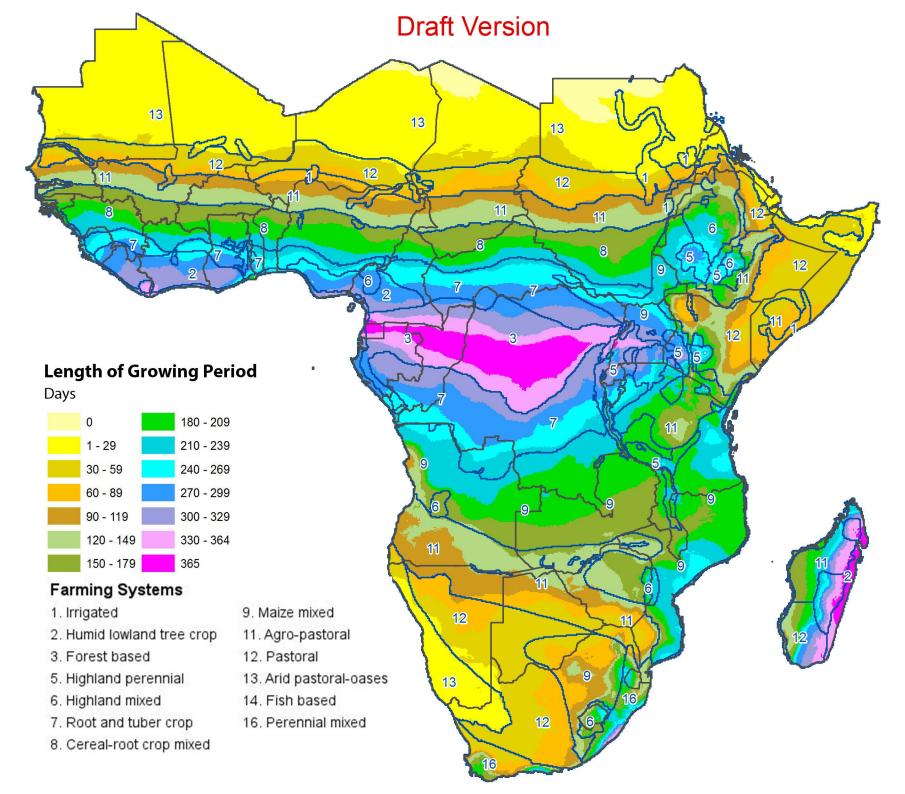
Maize Mixed Farming System - GAEZ ver 3.0 FAO/IIASA, FAOSTAT, HC and expert opinion

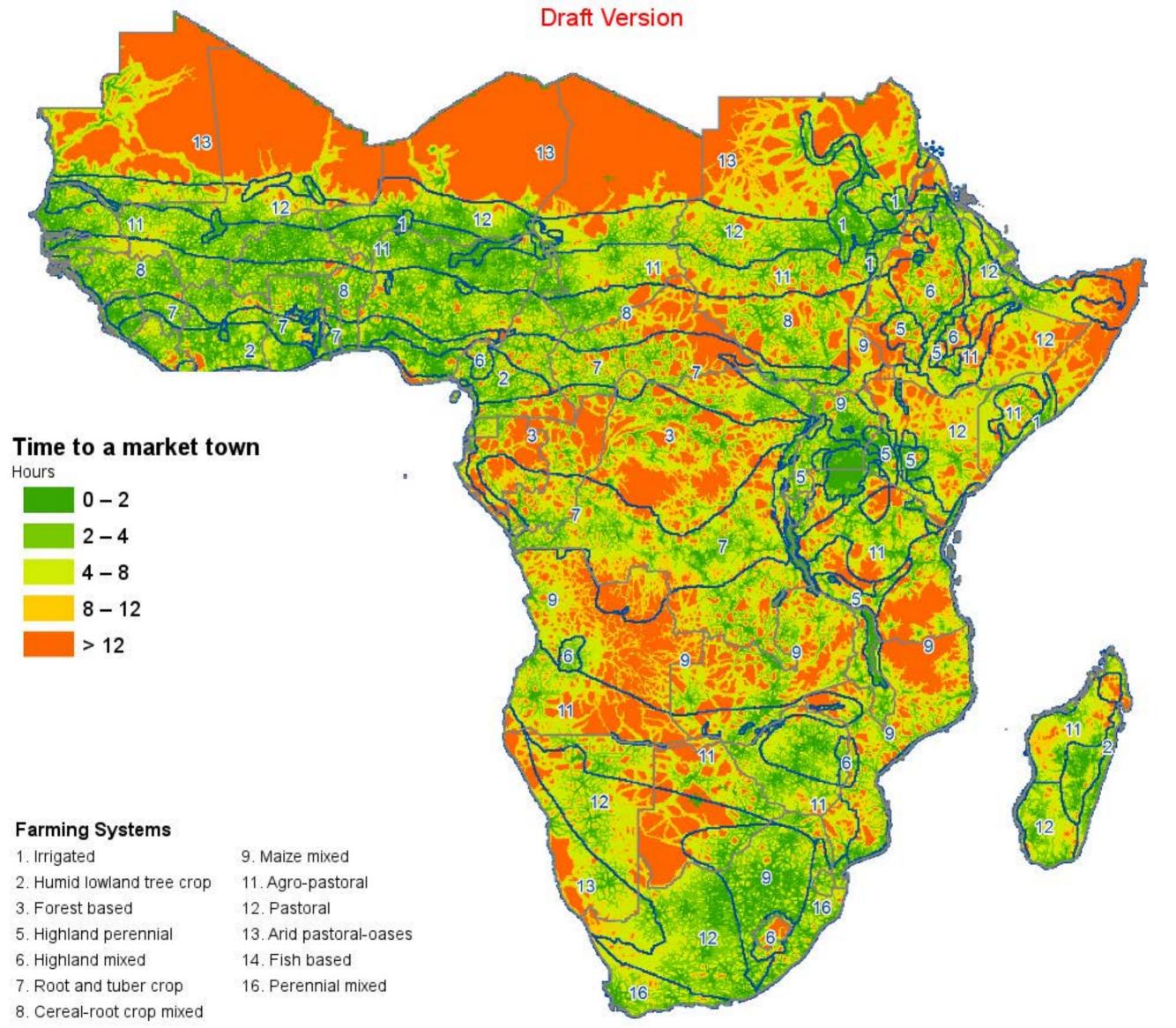
Cereal-Root Crop Mixed farming systems - GAEZ ver 3.0 FAO/IIASA, FAOSTAT, Harvest Choice and expert opinion

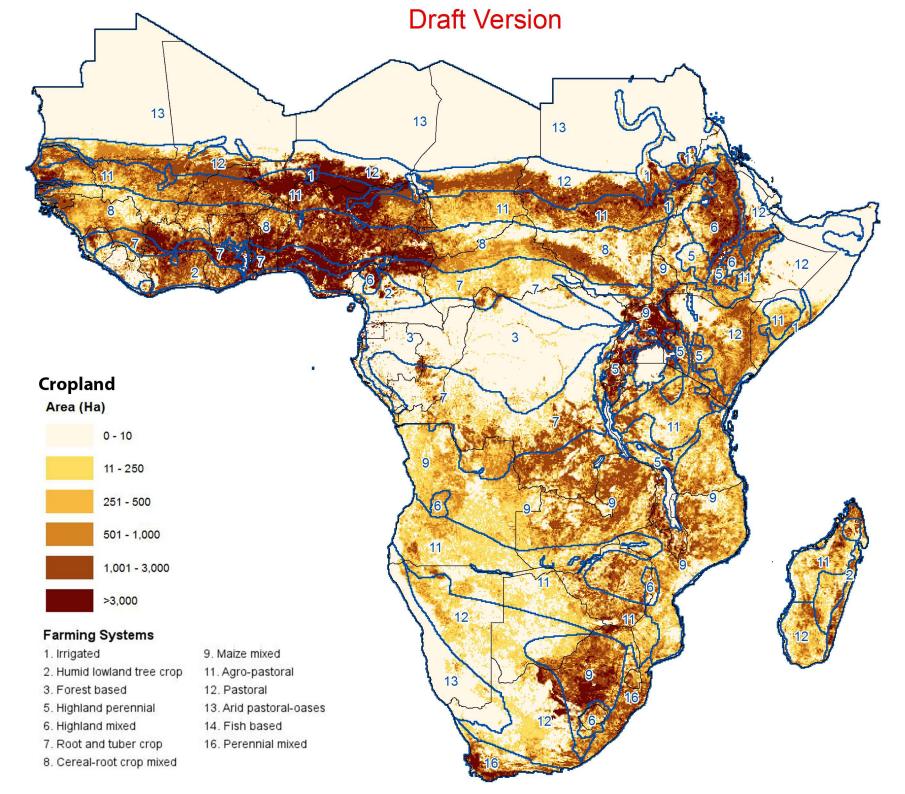
Agro-pastoral farming systems - GAEZ ver 3.0 FAO/IIASA, FAOSTAT, Harvest Choice and expert opinion

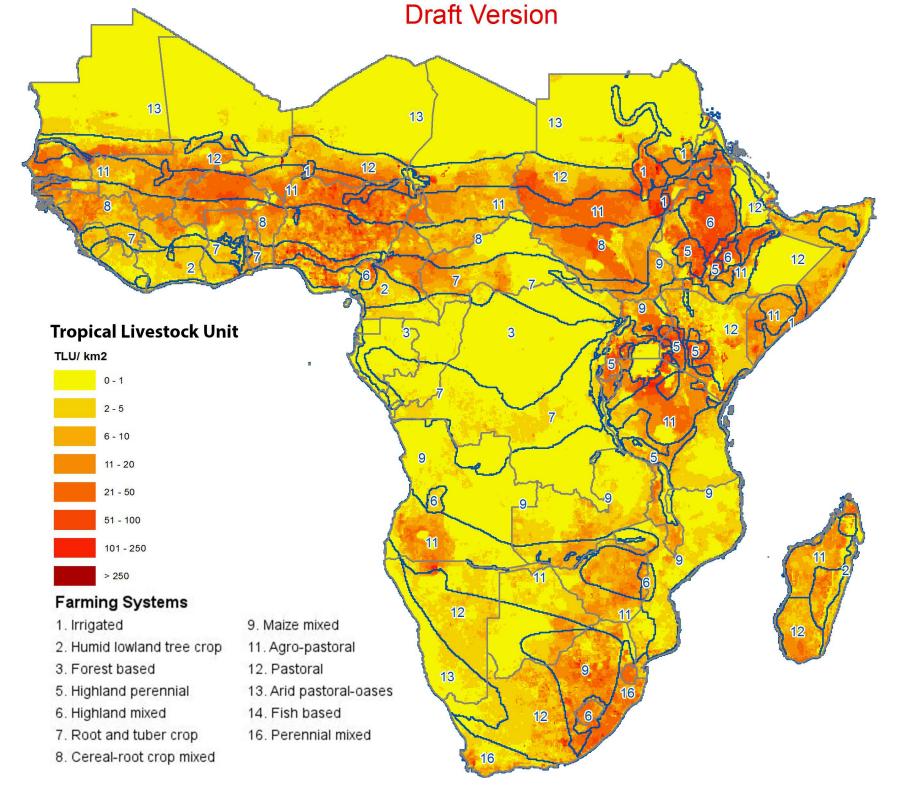
Highland Mixed Farming Systems - GAEZ ver 3.0 FAO/IIASA, FAOSTAT, Harvest Choice and expert opinion

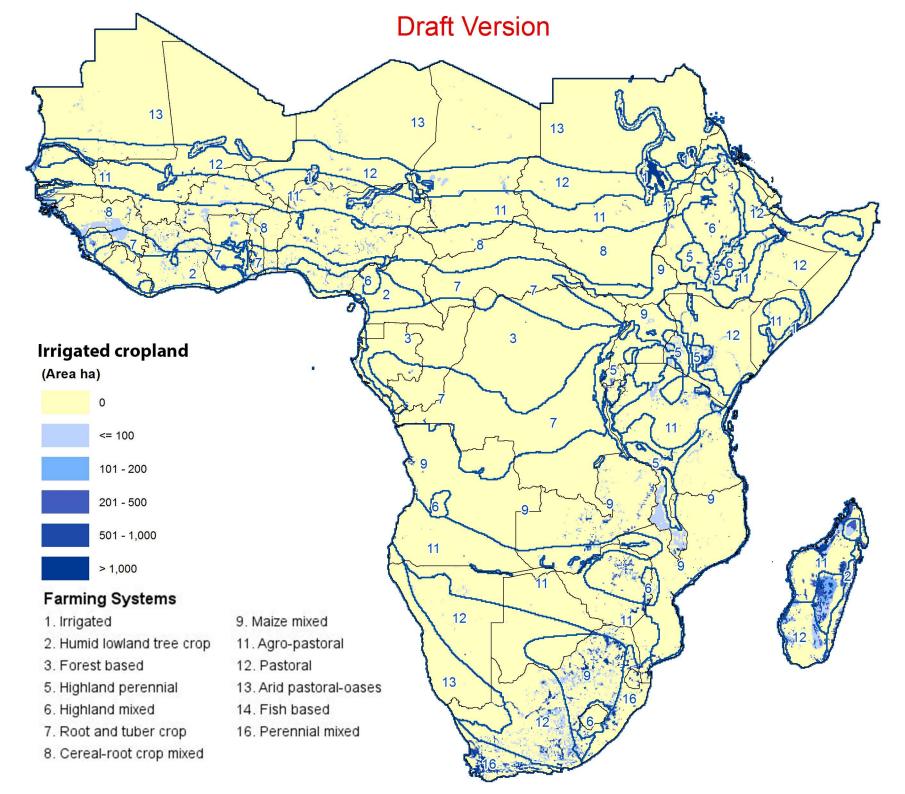


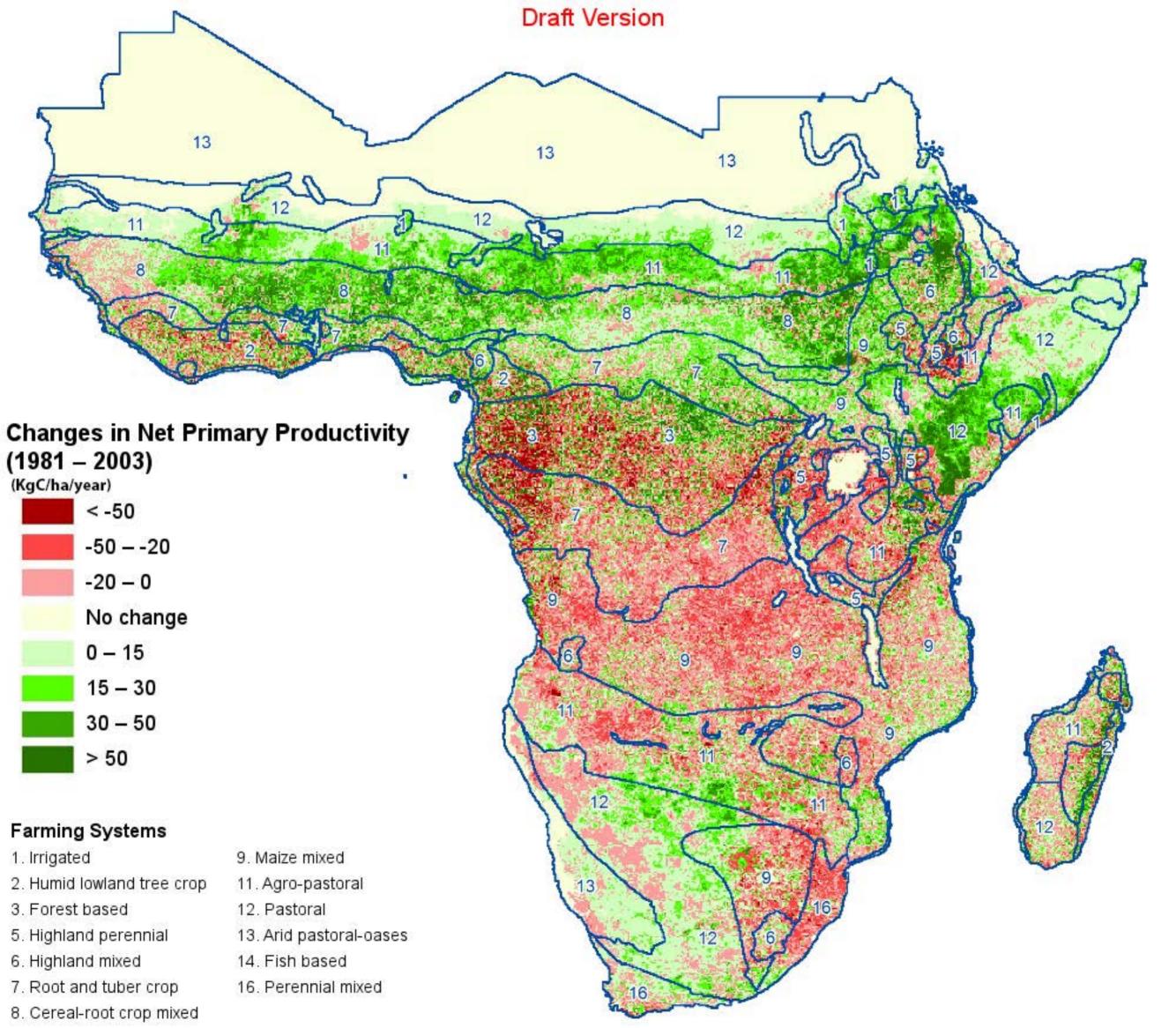


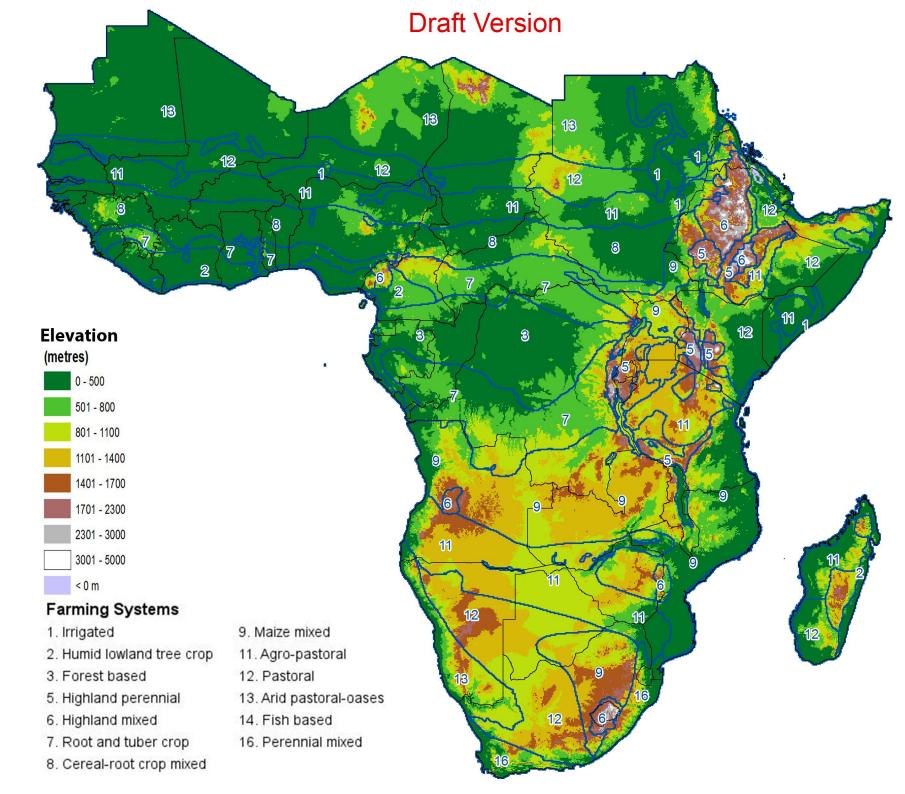


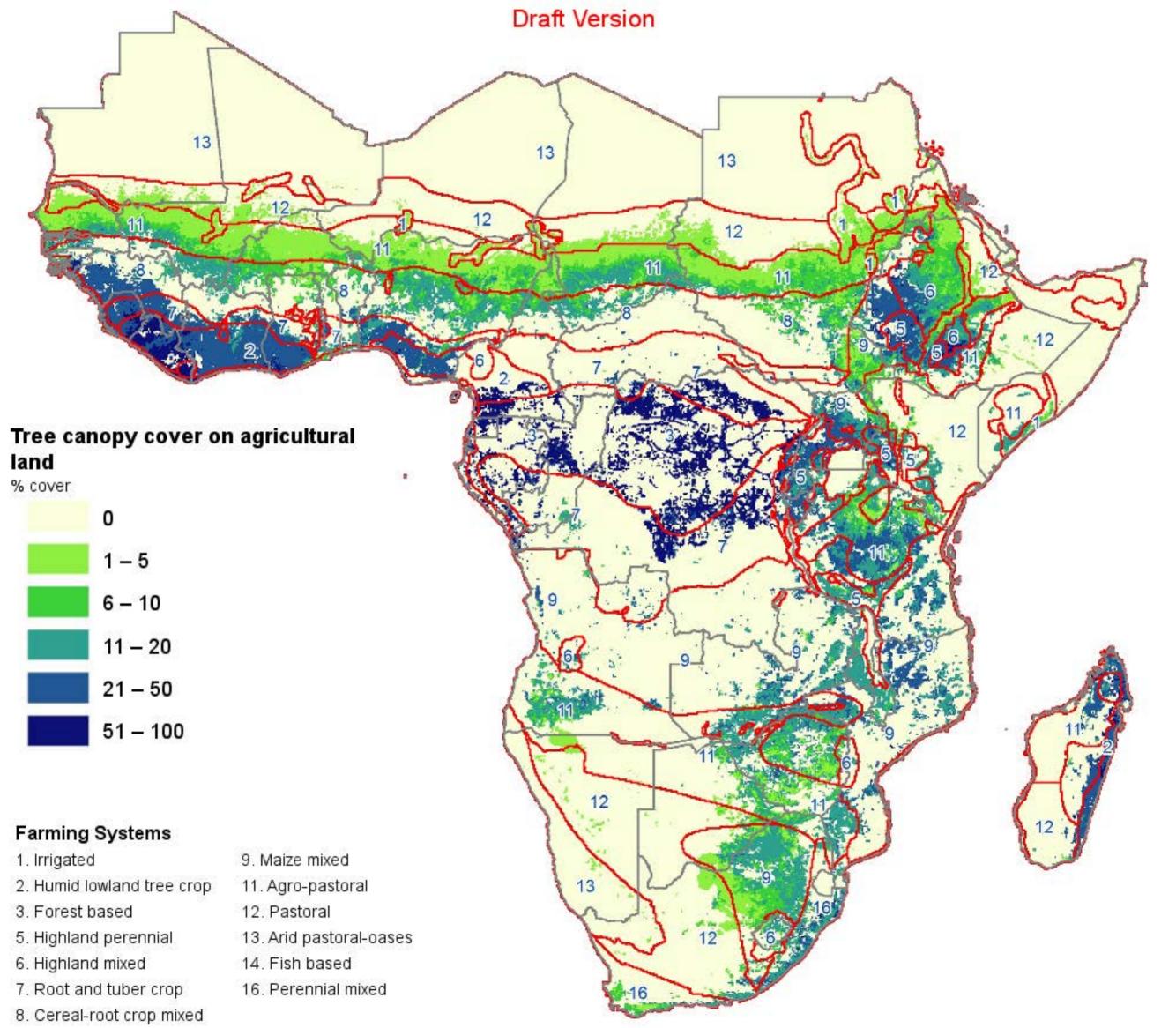


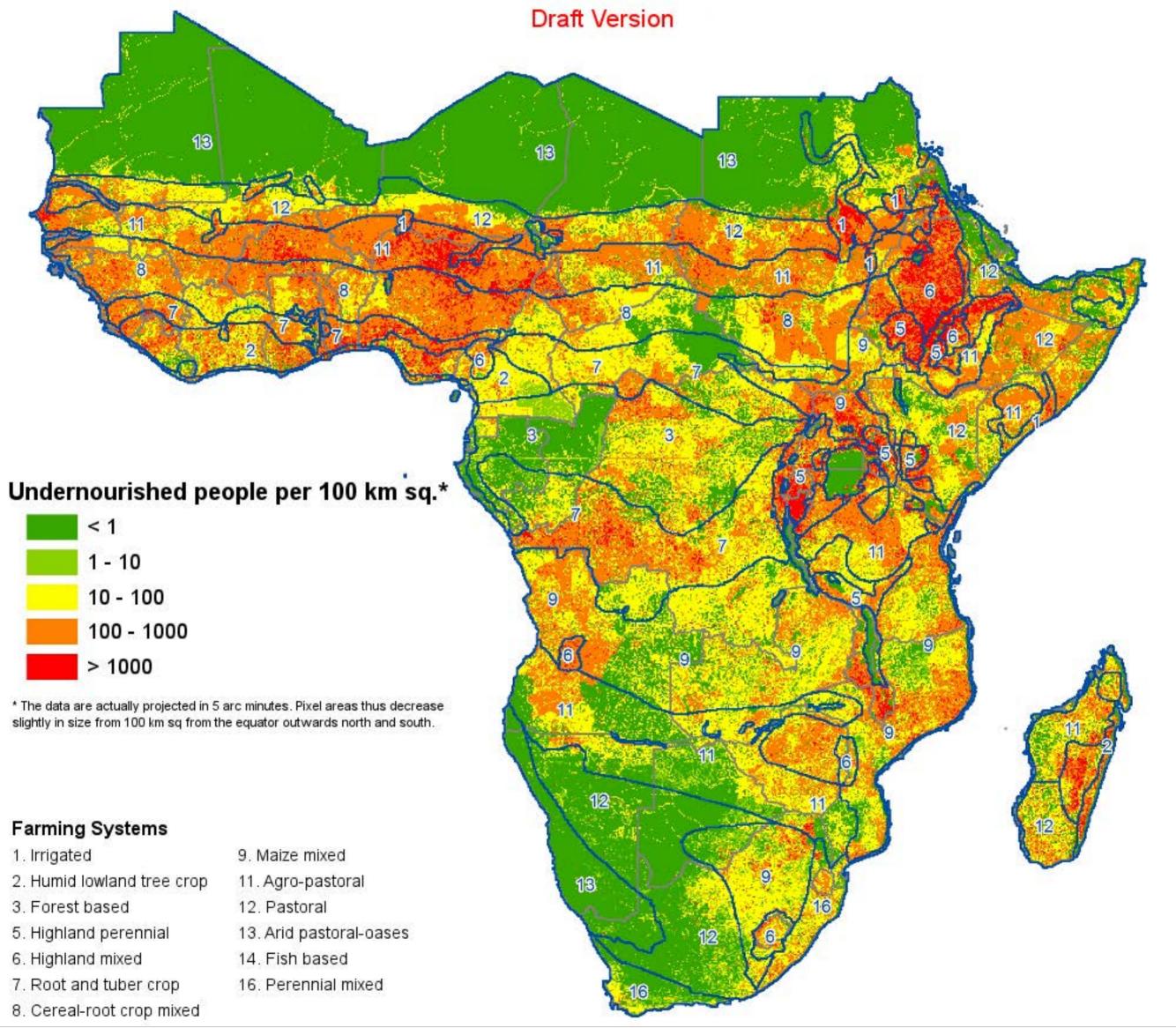


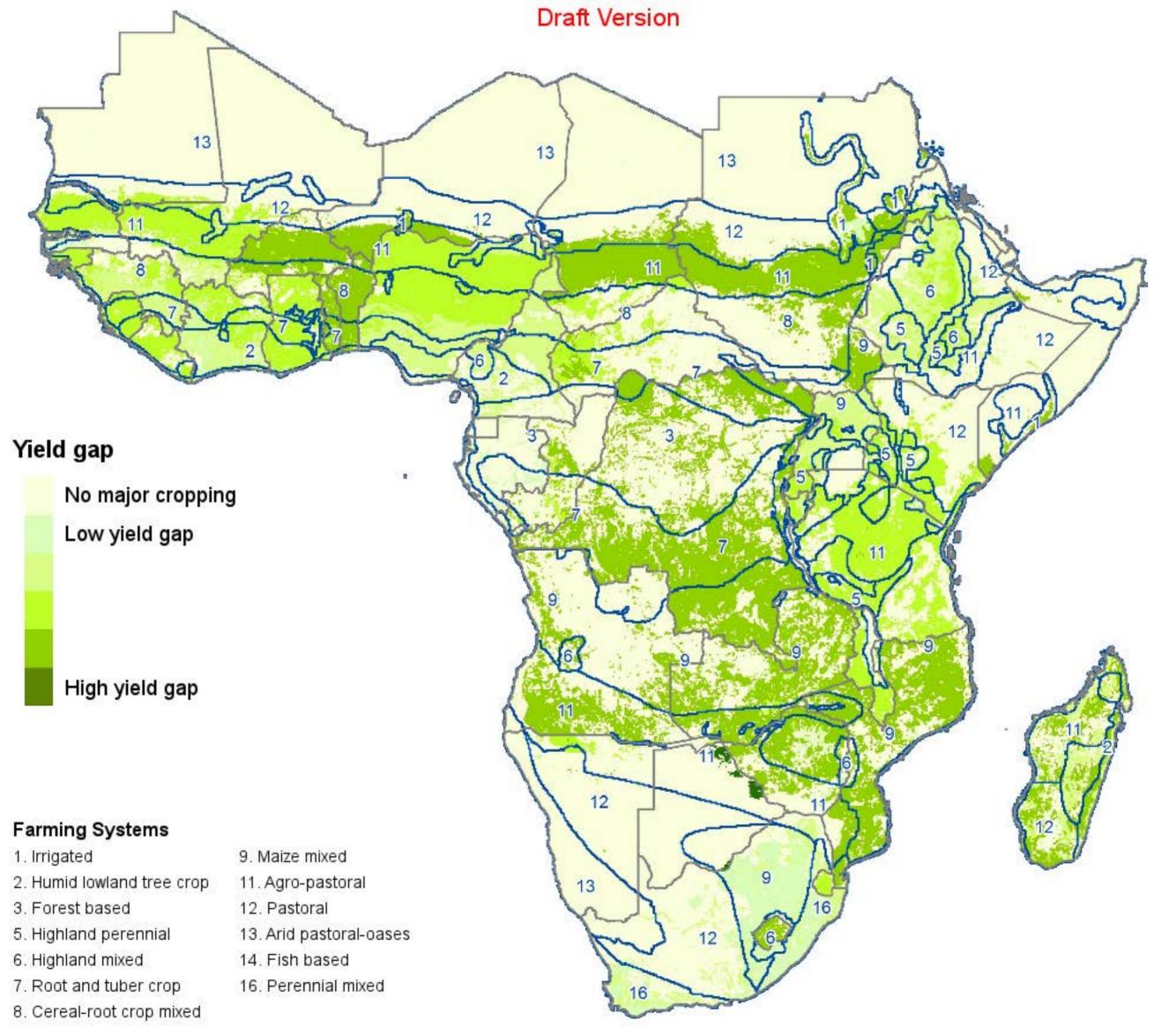


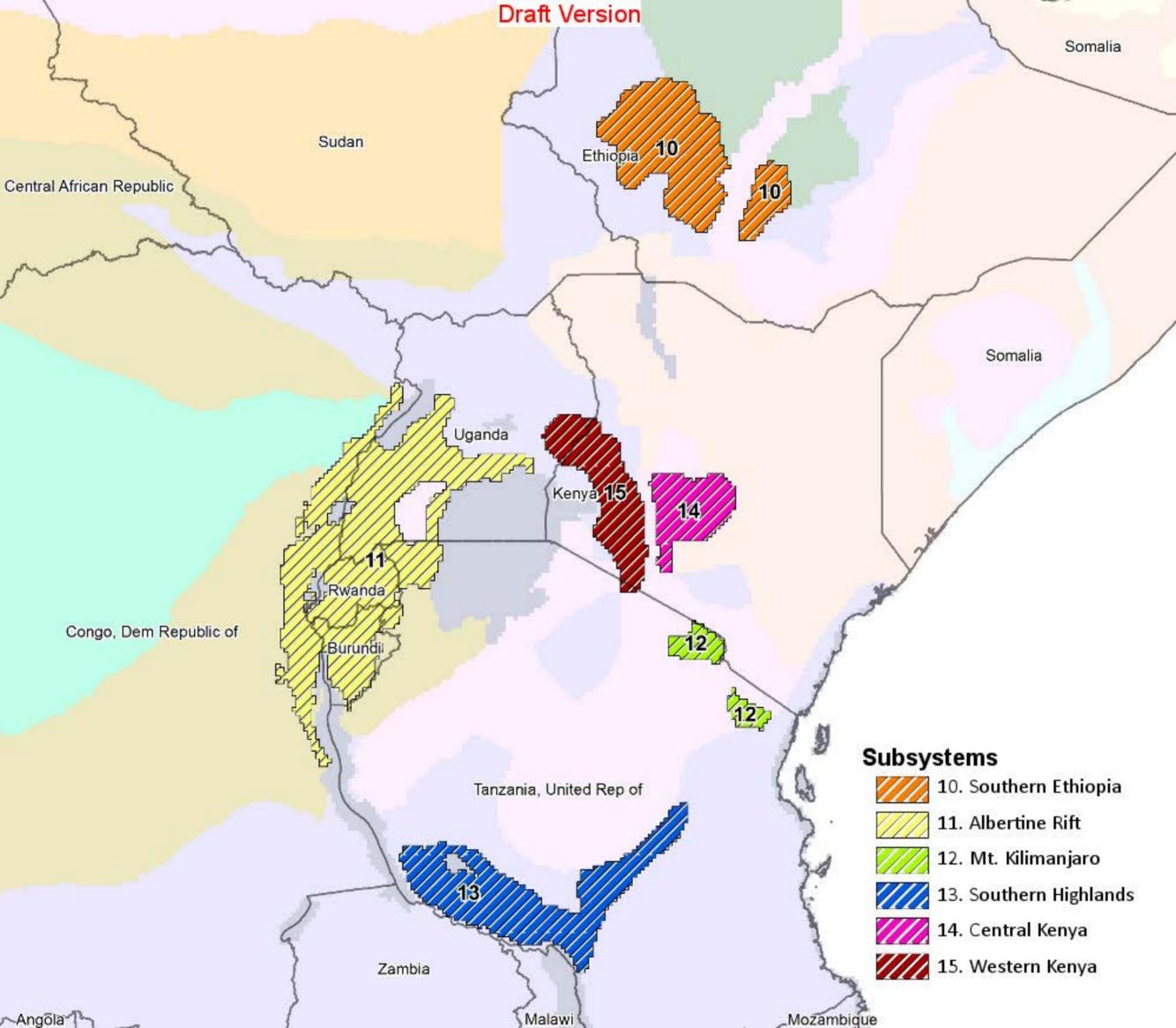


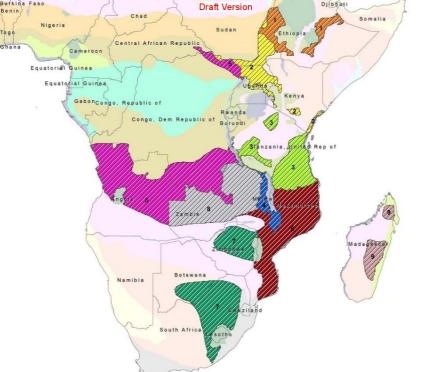


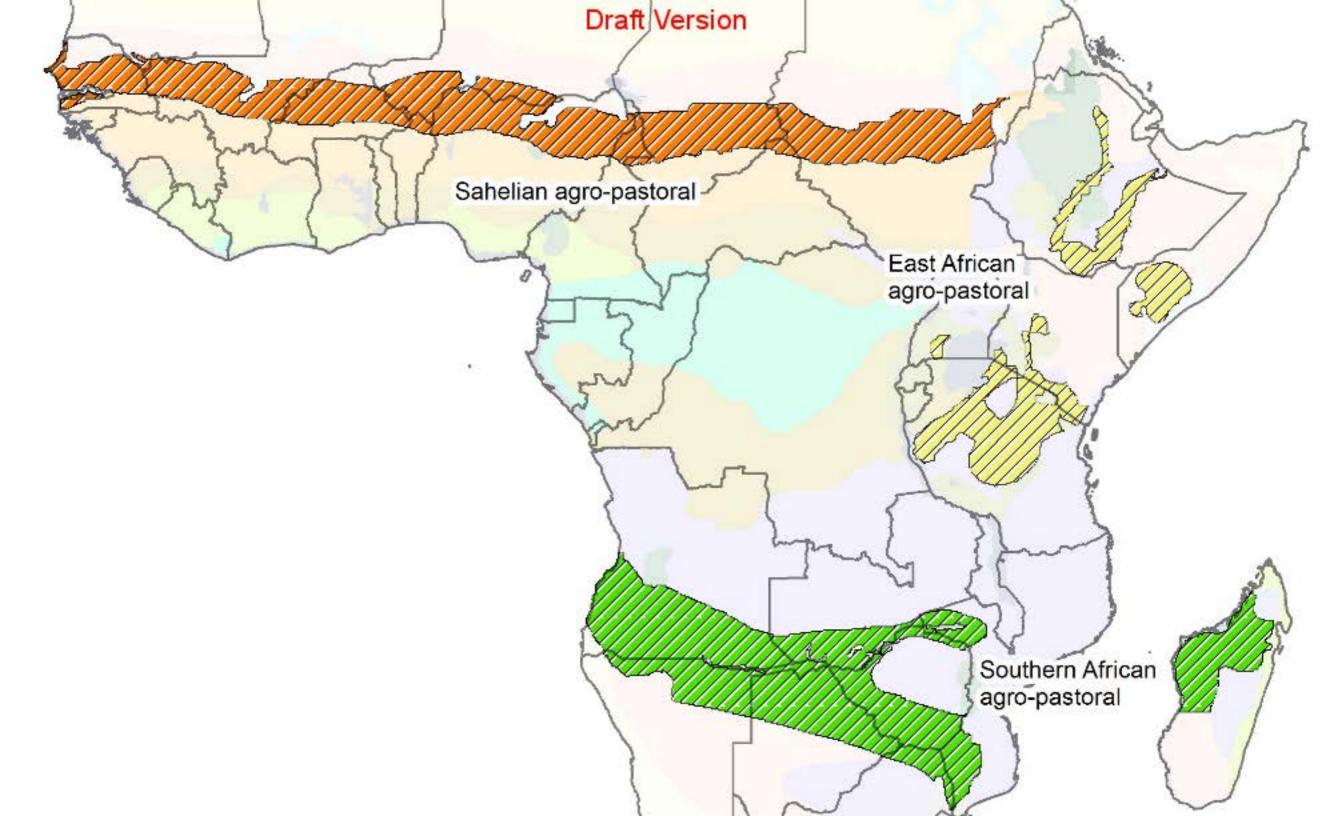












Draft Version

