

Acknowledgments

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List of Abbreviations and Acronyms

Africover	Digital georeferenced database on land cover for Africa produced by FAO and country partners	IWMI	International Water Management Institute
ALRMP	Arid Lands Resource Management Project, Kenya	KATO	Kenya Association of Tour Operators
CBS	Central Bureau of Statistics, Kenya	kg	kilogram
DRSRS	Department of Resource Surveys and Remote Sensing, Kenya	KIPPRA	Kenya Institute for Public Policy Research and Analysis
EBA	Endemic Bird Area	km	kilometer
ESDA	Energy for Sustainable Development Africa, Kenya	Ksh	Kenyan Shilling
ESRI	Environmental Systems Research Institute	KWS	Kenya Wildlife Service
FAO	Food and Agriculture Organization of the United Nations	MDGs	Millennium Development Goals
FEWS NET	Famine Early Warning System Network	RCMRD	Regional Centre for Mapping of Resources for Development
GBM	Green Belt Movement	RF	Rockefeller Foundation
GDP	Gross Domestic Product	RFF	Resources for the Future
IBA	Important Bird Area	sq. km	square kilometer
ICPAC	IGAD Climate Prediction and Applications Centre	Tegemeo	Tegemeo Institute of Agricultural Policy and Development, Kenya
ICRAF	World Agroforestry Centre	TLU	Tropical Livestock Unit (equal to an animal weight of 250 kilograms)
ICRISAT	International Crops Research Institute for the Semi-Arid Tropics	TNC	The Nature Conservancy
IDRC	International Development Research Centre	UoN	University of Nairobi
IGAD	Intergovernmental Authority on Development	US\$	US Dollar
ILRI	International Livestock Research Institute	USAID	United States Agency for International Development
IUCN	The World Conservation Union	WFP	United Nations World Food Programme
		WRI	World Resources Institute

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Lessons Learned and Next Steps

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The Department of Resource Surveys and Remote Sensing (DRSRS) had its beginning in 1976 as the Kenya Rangeland Ecological Monitoring Unit and has since evolved into a full department with the mandate to collect data and monitor the status of natural resources in Kenya. Its main functions are to:

- ▶ Provide data on natural resources.
- ▶ Collect information on the distribution of wildlife and livestock in Kenya's rangelands.
- ▶ Provide land-use and land-cover information for vegetation mapping and forest planning.
- ▶ Supply early warning information for food and disaster management.

In particular, DRSRS is concerned with gathering and analyzing information on wildlife and livestock population trends, human dwellings, vegetative cover, land use, land degradation, crop forecasting, and other environmental variables. DRSRS has developed a geospatial databank based on aerial surveys, aerial photography, high-resolution remote sensing images, and ground sampling data covering the last 30 years. Researchers and analysts at the Department rely on a combination of remote sensing techniques, ground sampling, and geographic information systems to develop structured databases for resource use, modeling, planning, and management geared to address poverty reduction and reverse environmental degradation.



Department of Resource Surveys
and Remote Sensing
Ministry of Environment and Natural Resources

CENTRAL BUREAU OF STATISTICS MINISTRY OF PLANNING AND NATIONAL DEVELOPMENT

Herufi House, 1st Floor
P.O. Box 30266
Nairobi 00100, Kenya
www.cbs.go.ke

The Central Bureau of Statistics (CBS) is located in the Ministry of Planning and National Development. The mission of CBS is to: coordinate and supervise the National Statistical System; produce and disseminate comprehensive, integrated, accurate, and timely statistics required mainly to inform National Development initiatives and processes; and develop and maintain a comprehensive socio-economic national database.

CBS is mandated by law to collect, analyze, and disseminate socio-economic statistics needed for planning and policy formulation in the country. The functions of CBS fall into the following four categories:

- ▶ Data collection in the areas of industry, labor, population, health, education, agriculture, nutrition, environment, and economics.
- ▶ Data analysis and production of official statistics.
- ▶ Dissemination of results to users and producers.
- ▶ Archiving of survey and census results data.

The Bureau coordinates and supervises Kenya's national statistical system. For data collection, it relies on statistical officers and trained enumerators in every District. Statistical officers are also posted in various Government ministries to augment data collection and analysis in those institutions. CBS is the custodian of all government statistical information including all national household surveys and the National Population and Housing Censuses.



Central Bureau of Statistics
Ministry of Planning and National Development

INTERNATIONAL LIVESTOCK RESEARCH INSTITUTE

P.O. Box 30709
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www.ilri.org

The International Livestock Research Institute (ILRI) works at the intersection of livestock and poverty, bringing high-quality science and capacity-building to bear on poverty reduction and sustainable development.

ILRI's strategy is to place poverty at the centre of an output-oriented agenda. ILRI's strategy focuses on three livestock-mediated pathways out of poverty: (1) securing the assets of the poor; (2) improving the productivity of livestock systems; and (3) improving market opportunities.

ILRI's research portfolio comprises four issue-oriented themes:

- ▶ Targeting and innovation.
- ▶ Improving market opportunities.
- ▶ Using biotechnology to secure livestock assets.
- ▶ People, livestock, and the environment.

ILRI also coordinates the Systemwide Livestock Programme of the Consultative Group on International Agricultural Research (CGIAR).

To achieve its goals, ILRI works in partnerships with other national and international organizations in livestock research, training, and information. ILRI works in all tropical developing regions of Africa, Asia and Latin America and the Caribbean.

ILRI
INTERNATIONAL
LIVESTOCK RESEARCH
INSTITUTE

World Resources Institute

Department of Resource Surveys and Remote Sensing, Ministry of Environment and Natural Resources, Kenya

Central Bureau of Statistics, Ministry of Planning and National Development, Kenya

International Livestock Research Institute

