

## GLOSSARY

<b>A-AARNET</b>	ASARECA Animal Agriculture Research Network
<b>ACT</b>	Almanac Characterization Tool
<b>ADB</b>	Asian Development Bank
<b>ADDS</b>	African Data Dissemination Service
<b>AFD</b>	Action for Development
<b>AGIDS</b>	Amsterdam Institute for Global Issues and Development Studies
<b>AGROSIG</b>	Servicios Agro-Informaticos de Apoyo a la Planificacion para el Uso y Manejo de los Recursos Naturales
<b>AID</b>	Agency for International Development, Washington D.C., USA
<b>ALIN</b>	Arid Lands Information Network
<b>ALRMP</b>	Arid Lands Resource Management Project
<b>ANPP</b>	Annual Net Primary Productivity
<b>APEIS</b>	Asia-Pacific Environmental Innovation Strategy Project
<b>APHIS</b>	Animal and Plant Health Inspection Service
<b>ARC</b>	Agriculture Research Council
<b>ARD</b>	Association for Rural Development
<b>ASARECA</b>	Association for Strengthening Agricultural Research in Eastern and Central Africa
<b>ASF</b>	Animal Source Foods
<b>AVHRR</b>	Advanced Very High Resolution Radiometer
<b>BASIS CRSP</b>	Broadening Access and Strengthening Market Input Systems Collaborative Research Support Program
<b>BIFAD</b>	Board for International Food and Agriculture Development
<b>BLPDP</b>	Borana Lowlands Pastoral Development Project
<b>BOD</b>	Biochemical Oxygen Demand

<b>BREB</b>	Bowen Ratio EnergyBalance
<b>CAP</b>	Community Action Plan
<b>CARE</b>	Cooperative for American Remittance to Europe, Inc.
<b>CAREC</b>	Central Asian Regional Environmental Center
<b>CCMS</b>	Committee on the Challenges of the Modern Society
<b>CDC</b>	Centro de Datos para la Conservacion
<b>CER-DET</b>	Centro de Estudios Regionales para el Desarrollo de Tarija
<b>CERES</b>	Centro de Estudios de la Realidad Económica y Social
<b>CGIAR</b>	Consultative Group on International Agricultural Research
<b>CHARM</b>	Collaborative Historical African Rainfall Model
<b>CIAT</b>	Centro Internacional de Agricultura Tropical
<b>CIAD</b>	Center for International Agriculture and Development
<b>CIEC</b>	Centro Interdisciplinario de Estudios Comunitarios (Interdisciplinary Center for Community Studies)
<b>CIFA</b>	Community Initiatives Facilitation and Assistance
<b>CMO</b>	Crisis Mitigation Office
<b>COD</b>	Chemical Oxygen Demand
<b>CP</b>	Crude protein
<b>CRSP</b>	Collaborative Research Support Program
<b>CSU</b>	Colorado State University
<b>CUCSUR</b>	Centro Universitario de la Costa Sur, Universidad de Guadalajara
<b>DANIDA</b>	Danish International Development Agency
<b>DARCA</b>	Desertification and Regeneration for Central Asian Rangelands
<b>DMC</b>	Drought Monitoring Center
<b>DO</b>	Dissolved Oxygen
<b>DOM</b>	Digestible Organic Matter
<b>DPPC</b>	Drought Preparedness and Prevention Commission

<b>EARO</b>	Ethiopian Agricultural Research Organization
<b>EDC</b>	Education Development Center
<b>EEP</b>	External Evaluation Panel
<b>ELEA</b>	Ethiopian Livestock Exporters Association
<b>ELFORA</b>	Agro-Industrial subsidiary of MIDROC Corp.
<b>ELS</b>	Extensive Livestock Production Systems
<b>EPIC</b>	Environmental Policy Integrated Climate Model
<b>EQIP</b>	Environmental Quality Improvement Program
<b>ESA</b>	Ecologically Sound Agriculture
<b>EU</b>	Edgerton University
<b>EW &amp; FISU</b>	Early Warning and Food Information System Unit
<b>EWD</b>	Early Warning Department
<b>EWS</b>	Early Warning System
<b>FAO</b>	Food and Agriculture Organization, United Nations
<b>FAO FSAU</b>	FAO Food Security Assessment Unit
<b>FESNARE</b>	Faculty of Environmental Studies and Natural Resources
<b>FEWS NET</b>	Famine Early Warning System Network
<b>FISU</b>	Food Information System Unit
<b>FOSS</b>	First in Food Analysis
<b>FRAMS</b>	Forage Risk Assessment Management System
<b>FUNAN</b>	Fundacion Antisana
<b>GANLAB</b>	Grazingland Animal Nutrition Laboratory
<b>GEF</b>	Global Environmental Facility (World Bank)
<b>GHA</b>	Greater Horn of Africa
<b>GIS</b>	Geographic Information System
<b>GLA</b>	Grazingland Applications
<b>GL-CRSP</b>	Global Livestock Collaborative Research Support Program

<b>GME</b>	Greater Meru Ecosystem
<b>GO</b>	Government Organization
<b>GOK</b>	Government of Kenya
<b>GPS</b>	Global Positioning Systems
<b>GTZ</b>	Deutsche Gesellschaft für Technische Zusammenarbeit (German Agency for Technical Cooperation)
<b>ha</b>	Hectare
<b>HPI</b>	Heifer Project International
<b>IA</b>	Integrated Assessment
<b>IARC</b>	International Agricultural Research Center
<b>ICARDA</b>	International Centre for Agricultural Research in the Dry Areas
<b>ICRAF</b>	International Centre for Research on Agroforestry
<b>IFAD</b>	International Fund for Agricultural Development
<b>IFPRI</b>	International Food Policy Research Institute
<b>IGADD</b>	International Governmental Authority on Drought and Development
<b>ILRI</b>	International Livestock Research Institute
<b>IMAS</b>	Integrated Modeling and Assessment System
<b>IMECBIO</b>	Instituto Manantlan de Ecología y Conservación de la Biodiversidad
<b>IRGA</b>	Infrared Gas Analyzer
<b>JAINA</b>	Comunidad de Estudios
<b>KARI</b>	Kenya Agricultural Research Institute
<b>KDA</b>	Kenya Rural enterprise Program Development Agency
<b>KFR</b>	Kazakh Fat Rumped Sheep
<b>KFW</b>	Kazakh Fine Wool
<b>kg</b>	kilogram
<b>KTRISB</b>	Kazakh Technological Research Institute of Sheep Breeding
<b>KSBA</b>	Kyrgyz Sheep Breeders Association

<b>Ksh</b>	Kenya Shilling
<b>KWS</b>	Kenya Wildlife Service
<b>KZ</b>	Kazakstan
<b>LDRCT</b>	Livestock Development and Rangeland Conservation Tools (GL-CRSP Project)
<b>LEWS</b>	Livestock Early Warning System
<b>LiTEK</b>	Livestock Marketing in Kenya and Ethiopia (GL-CRSP Project)
<b>LINKS</b>	Livestock Information Network & Knowledge System
<b>LMA</b>	Livestock Marketing Authority
<b>LMSD</b>	Livestock Marketing Services Division
<b>LPAP</b>	Livestock Policy Analysis Program
<b>LPRI</b>	Livestock Production Research Institute
<b>LUCID</b>	Land Use Change Impacts & Dynamics
<b>ME</b>	Management Entity
<b>MoARD</b>	Ministry of Agriculture and Rural Development
<b>MODIS</b>	Moderate Resolution Imaging Spectroradiometer
<b>MRC</b>	Mpala Research Center
<b>NAARI</b>	Namulaonge Agricultural and Animal Production Research Institute
<b>NAFTA</b>	North American Free Trade Agreement
<b>NALRC</b>	National Arid Land Research Center
<b>NARO</b>	National Agricultural Research Organization
<b>NARS</b>	National Agricultural Research System
<b>NCA</b>	Ngorongoro Conservation Area
<b>NDPPC</b>	National Disaster Prevention Preparedness Committee
<b>NDVI</b>	Normalized Difference Vegetation Indices
<b>NFE</b>	Non-formal Education
<b>NGO</b>	Non-Governmental Organization
<b>NIRS</b>	Near Infrared Reflectance Spectroscopy

<b>NOAA RFE</b>	National Oceanographic and Atmospheric Administration Rainfall Estimate
<b>NPP</b>	Net Primary Productivity
<b>NREL</b>	Natural Resource Ecology Laboratory
<b>NRRC</b>	National Range Research Center
<b>NSF</b>	National Science Foundation
<b>NUFFIC</b>	Netherlands Organization for International Cooperation in Higher Education
<b>NUTBAL</b>	Nutritional Balance Analyzer
<b>OADB</b>	Oromia Agricultural Development Bureau
<b>OARI</b>	Oromia Agricultural Research Institute
<b>OAUI-IBAR</b>	Organization of African Unity -- Interafrican Bureau for Animal Resources
<b>OCPB</b>	Oromia Cooperative Promotion Bureau
<b>OFDA</b>	Office of Foreign Disaster Assistance
<b>OPDC</b>	Oromia Pastoral Development Commission
<b>ORP</b>	Outreach Review Panel
<b>OSCE</b>	Organization for Security and Cooperation in Europe
<b>PAC</b>	Program Administrative Council
<b>PAR</b>	Photosynthetic Active Radiation
<b>PARIMA</b>	Pastoral Risk Management Project (GL-CRSP)
<b>PCDP</b>	Pastoral Community Development Project
<b>PDA</b>	Pond Dynamics/Aquaculture CRSP
<b>PHEWS</b>	Plant Health Early Warning System
<b>PHYGROW</b>	Plant Growth/Hydrology/Yield Simulation Models
<b>PI</b>	Principal Investigator
<b>PISP</b>	Pastoralist Integrated Support Program
<b>PLAN</b>	Community Planning for Sustainable Livestock-Based Forested Ecosystems in Latin America (GL-CRSP Project)

<b>POLEYC</b>	Integrated Assessment of Pastoral-Wildlife Interactions in East Africa (GL-CRSP Project)
<b>PRA</b>	Participatory Rural Appraisals
<b>RCMRD</b>	Regional Center for Mapping of Resources for Development
<b>REDSO</b>	East African Region USAID
<b>RMA</b>	Risk Management Agency
<b>SANREM</b>	Sustainable Agriculture and Natural Research Management CRSP
<b>SARDEP</b>	Sustainable Animal and Range Development Program
<b>SCT</b>	Spatial Characterization Tool
<b>SDP</b>	Stochastic Dynamic Programming
<b>SE</b>	Socio-Economic
<b>SEMARNAP</b>	Servicio Nacional del Medio Ambiente, Recursos Naturales y Pesca
<b>SEYE</b>	Managing National Parks in the Context of Changing Human Populations and Economics (GL-CRSP Project)
<b>SELLPC</b>	Sustainable Livelihoods for Livestock Producing Communities
<b>SM</b>	Sierra de Manantlán
<b>SMBR</b>	Sierra de Manantlán Biosphere Reserve
<b>SMS</b>	Short Message Service
<b>SNV</b>	Netherlands Development Organization
<b>SORDU</b>	Southern Rangeland Development Unit
<b>SPAN</b>	Strengthening Partnerships with National Agricultural Systems
<b>SPARE</b>	Strategic Partnership for Agricultural Research & Education
<b>SUMAWA</b>	Sustainable Management of Watersheds: The River Njoro, Kenya (GL-CRSP Project)
<b>T</b>	Temperature
<b>TANAPA</b>	Tanzania National Parks
<b>TAMU</b>	Texas A&M University

<b>TCP</b>	Technical Cooperative Program (FAO's assistance Program)
<b>TDS</b>	Total Dissolved Solids
<b>TE</b>	Terraneuva
<b>TK</b>	Turkmenistan
<b>TLU</b>	Total Livestock Unit
<b>TM</b>	Thematic Mapper
<b>TME</b>	Tarangire/Manyara Ecosystem
<b>Tot-N</b>	Total Nitrogen
<b>Tot-P</b>	Total Phosphorous
<b>TSS</b>	Total Suspended Solids
<b>UCD</b>	University of California, Davis
<b>UdG</b>	Universidad de Guadalajara
<b>UNDP</b>	United Nations Development Program
<b>UNEP</b>	United Nations Environmental Program
<b>USAID</b>	United States Agency for International Development
<b>USDA ARS</b>	United States Department of Agriculture Agricultural Research Service
<b>USGS</b>	United States Geological Survey
<b>USU</b>	Utah State University
<b>UT</b>	Utah
<b>UW</b>	University of Wisconsin
<b>VOCA</b>	Volunteers in Overseas Cooperative Assistance
<b>VSF</b>	Vétérinaires Sans Frontières
<b>WB</b>	World Bank
<b>WEAP</b>	Water Evaluation & Planning System
<b>WFP</b>	World Food Programme
<b>WHO</b>	World Health Organization
<b>WINISI</b>	Win Inservice Inspection Software

<b>WMO</b>	World Meterological Organization
<b>WPL</b>	Webb, Pearman, Leuning Equations
<b>WTO</b>	World Trade Organization
<b>WXGEN</b>	Weather Generator for EPIC
<b>YNP</b>	Yellowstone National Park

