



## Improving Flood Forecasting and Early Warning in Somalia



### *Feasibility Study*

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## List of Abbreviations

ADCP	Acoustic Doppler Current Profiler
CEFA	Comitato Europeo per la Formazione e l'Agricoltura
CFMC	Community Flood Management Committees
DEM	Digital Elevation Model
EMWR	the Ethiopian Ministry of Water Resources
EROS	Earth Resources Observations and Science
FAO	Food and Agriculture Organisation of United Nations
FEWS NET	Famine Early Warning System Network
FFC	Flood Forecasting Centre
FFG	Flash Flood Guidance
FSAU	Food Security Analysis Unit - Somalia
FSDRSC	Food Security and Rural Development Sector Committee of the SSS
FWG	Flood Working Group
GAA	German Agro-Action
GFFS	Galway Real-Time River Flow Forecasting System
GFFS	Galway Real-Time River Flow Forecasting System
GFS	Global Forecast System
GFS	Global Forecast System
GSM	Global System for Mobile
GTS	Global Telecommunication System
ITCZ	Inter tropical Convergence Zone
JOSR	Jowhar off Stream Storage Reservoir
KMD	Kenya Meteorological Department
LVGFM	Linearly Varying Gain Factor Model
MoA	Ministry of Agriculture
MOFFS	Management Overview of Flood Forecasting System
MOLAE	Ministry of Livestock, Agriculture and Environment
MPWT	Ministry of Public Works and Transportation
NCEP	National Centres for Environmental Prediction
NOAA	National Oceanic and Atmospheric Administration
NRCS	Natural Resources Conservation Services
NWS	National Weather services
PET	Potential Evapotranspiration
QPF	Quantitative Precipitation Forecast
RFE	Rainfall Estimates
RFFCs	Regional Flood Forecast Centres
SFFM	Somalia Flood Forecasting Model
SSS	Somali Support Secretariat
SWALIM	Somalia Water and Land Information Management
UNDP	United Nations Development Programme
USGS	United States Geological Survey,
WMO	World Meteorological Organization

**Glossary of terms**

Deyr	October to November, minor wet season
Gu	April to June, major wet season
Hagaa	July to September, minor dry season
Jilal	December to March major dry season in Somalia
Togga	Anon perennial (seasonal) stream which deep and narrow
Waadi (Wadi)	A non-perennial (seasonal) stream which is wide and shallow

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