

Climate information usage in WFP and linkages to climate change

Core WFP Processes	Climate data input	Analysis summary	Information output	Input to WFP decision making	Climate change risks
Comprehensive Food Security and Vulnerability Analysis (Baseline)	<ul style="list-style-type: none"> Long term rainfall data Temperature data River flow 	<ul style="list-style-type: none"> Drought hazard maps Vulnerability maps Drought risk maps Water availability Pasture availability Identification priority areas for monitoring 	Identification of geographical areas and communities with chronic food insecurity & vulnerability trends	<ul style="list-style-type: none"> Country Programme, PRRO, and EMOP Establishing food security monitoring system and risk profiles Contingency Planning Resource mobilization and advocacy Identify Research Needs 	<ul style="list-style-type: none"> Increased changing livelihoods Increased vulnerability to food and disease
Food Security Monitoring and Early Warning	Seasonal forecasts <ul style="list-style-type: none"> Global models Rainfall data Elnino/Lanina 	<ul style="list-style-type: none"> Agriculture production outlook Food security outlook Pasture and water outlook 	Identification of emerging regional trends and threats to food security and vulnerability	<ul style="list-style-type: none"> Regional Contingency Planning Regional Logistics Capacity Assessment Resource mobilization and Advocacy Procurement 	<ul style="list-style-type: none"> Increased regional impact of droughts and floods Increased cereal prices
	Agro-meteorological <ul style="list-style-type: none"> rainfall data vegetation WRSI River flow 	<ul style="list-style-type: none"> Start of growing season End of growing season Quality of season Yield estimation Pasture condition Index development Flood levels 	Identification of affected geographical areas and populations at risk	<ul style="list-style-type: none"> Emergency Food Security Assessment Contingency planning Resource mobilization Logistics assessment Procurement 	<ul style="list-style-type: none"> Increased crop failure Increased livestock loss Increased flood impact increased prices
Food Security Needs Assessment (EFNA)	<ul style="list-style-type: none"> Synthesis of the End of the season data 	<ul style="list-style-type: none"> Production estimates Quantifying deficits Price analysis 	Determine Current food insecurity status and estimate number of beneficiaries and MTs required	<ul style="list-style-type: none"> EMOP/PRRO Procurement Fund raising Logistics 	<ul style="list-style-type: none"> Increased number of beneficiaries Increased requirement of resources
Operational planning	<ul style="list-style-type: none"> Rainfall floods 	<ul style="list-style-type: none"> Infrastructure damage during the rainy season Flood maps 	<ul style="list-style-type: none"> Information on accessibility 	<ul style="list-style-type: none"> Logistics planning 	<ul style="list-style-type: none"> Increased in accessibility Increased cost of transport