RISK IDENTIFICATION, ASSESSMENT, MONITORING AND EARLY WARNING

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SHARE EXPERIENCE LARGELY WITH CLIMATE RELATED DISASTER BOTH RAPID ONSET LIKE FLOODS / CYCLONES AND SLOW ONSET LIKE DROUGHTS - FROM THE PERPECTIVES OF THREE AFRICAN CLIMATE CENTRES AFRICAN REGIONAL CLIMATE MONITORING CENTRES and NMHSs - 1989 TO DATE
GENERAL

• IN MOST OF THESE COUNTRIES – WE HAVE NO YEAR WITHOUT CLIMATE RELATED ONE DISASTER OR ANOTHER

• SOMETIMES THE DISASTERS ARE TOO EXTREME: ONE DISASTER RETARDS THE ECONOMIES SEVERAL YEARS BEHIND

• DROUGHT FOLLOWS / PRECEDES FLOODS

• SOCIETY: HIGH RISK / VULNERABILITY
TIME SERIES OF STANDARDIZED SEASONAL ANOMALIES - NATURAL DISASTERS KEY THREATS TO SUSTAINABLE DEVELOPMENT TO SMALL ECONOMIES OF MANY AFRICAN
ISSUES FOR DISCUSSION

• OBSERVATIONS NETWORK – DATA / INFORMATION COLLECTION SYSTEM- SUSTAINABILITY / RESOURCES
• IDENTIFY TYPE OF DATA / INFORMATION NEEDS- CLIMATE VS OTHERS
• DATA PROCESSING , AND TIMELY DISSEMINATION OF INFORMATION
• BASELINE DATA / INFORMATION – HISTORY OF THE PAST – RISK ZONE MAPPING
• ABILITY TO EFFECTIVELY INTERPRATE AND USE THE AVAILABLE INFORMATION- USER FRIENDLY INFORMATION
• ABILITY TO COPE WITH THE DISASTER – POLICIES: NATIONAL POVERTY REDUCTION / SUSTAINABLE DEVELOPMENT STRATEGIES– MILLENNIUM GOALS
• CAPACITY BUILDING
• EDUCATION AND AWARENESS
• TRADITIONAL COPING / EARLY WARNING SYSTEMS
• Regional and international cooperation
MULTI DISPLINARY COMMUNITY BASED EARLY WARNING SYSTEM

NMHSs and ICPAC

WMO / International climate centres

COMMUNITY BASED EARLY WARNING AND OTHER INDICES / APPLICATIONS

DISSEMINATION

COMUNICATION

EVALUATION PROCESS
CONCLUSION

• RECOGNIZE DIFFERENCES BETWEEN EARLY WARNING SYSTEM, and ability of any community to use the information FROM THE SYSTEM, and ABILITY TO COPE WITH THE HAZARD – POLICIES: NATIONAL POVERTY REDUCTION / SUSTAINABLE DEVELOPMENT STRATEGIES– MILLENNIUM GOALS

• ISSUE OF SUSTAINABILITY
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