SESSION 9

INTEGRATING CLIMATE CHANGE INTO ENVIRONMENTAL COMPLIANCE

SESSION SUMMARY.

This session provides an introduction to climate-smart development directives, activities, and guidance underway at the Federal and Agency level. In 2014, President Obama issued an Executive Order that directed all federal agencies to begin factoring climate resilience into international development programs and investments. As such, USAID is now required to incorporate climate resilience considerations into all decision-making by assessing and evaluating climate-related risks to, and vulnerabilities in, agency strategies and programs.

To effectively address climate change and climate-smart development issues, it is critical to define some key terms, including adaptation, resilience, disaster risk reduction, and vulnerability. This session also introduces the environmental procedures related to climate-smart development, such as the Agency requirement that project and activity design teams identify relevant climate risks and then assess them as low, moderate or high. The level of risk assigned to an activity, project, or program will help determine whether risk management measures will be implemented in current or future phases of the program cycle.

To help assess the impacts of climate change on programs, USAID continues to develop country and region-specific climate risk profiles and sector-specific climate change factsheets. Further, in this session, we will introduce a USAID climate risk screening tool, which assists staff in considering potential climate impacts in each of the sectors in which the Agency works. The tool also helps to identify climate risks and then identify and select risk management options.

EXERCISE: CLIMATE CHANGE RISK MANAGEMENT SUMMARY TABLE

KILOMBERO SMALLHOLDER IRRIGATION SYSTEMS.

Instructions

The CRM process described in the Climate Risk Management Mandatory Reference for ADS Chapter 201 assists design teams with identifying potential development opportunities associated with current and expected climatic changes.

Using your understanding of the baseline conditions you gathered through your impact assessment and discussion thus far on the Kilombero Sub-basin, complete the Climate Risk Management (CRM) Project Table below to the best of your ability.

Table elements*

- **Defined or Anticipated Project Elements**: Purpose, sub-purpose, areas of focus, activities and/or mechanisms.
- **Climate Risks:** List all risks related to the project elements identified through either the strategy- or project-level climate risk assessment.
- **Risk Rating**:
    - Low climate risk – indicates climate change is unlikely to materially impact achievement or sustainability of project or activity outcomes. An example of a low climate risk is the potential consequence of higher temperatures on a governance initiative focused on anti-corruption reform.
    - Moderate climate risk – indicates climate change may materially impact achievement or sustainability of project or activity outcomes. An example of a moderate climate risk is the potential consequence of increasing sea surface temperature, causing coral reef bleaching and subsequent reduction in wild fish populations, on a coastal fisheries management and food security program.
    - High climate risk – indicates climate change is likely or highly likely to materially impact achievement or sustainability of project or activity outcomes. An example of a high climate risk is the potential consequence of sea level rise to a coastal transportation plan.
- **How Risks Addressed at Project Level**: Describe how risks have been addressed at the project level. If a decision has been made to accept the risk briefly explain why.
- **Risks Addressed or Further Analysis to be Conducted in Activity Design/ Implementation**: Describe CRM measures to be integrated into activity design or implementation, including additional analysis, if applicable.
- **Opportunities to Strengthen Climate Resilience**: Describe any opportunities to achieve multiple development objectives by integrating climate resilience or mitigation measures

* This language is excerpted from Climate Risk Management for USAID Projects and Activities: A Mandatory Reference for ADS Chapter 201, new edition date 10/12/2016, responsible office E3, file name 201mal_101216.

Defined or Anticipated Project Elements	**Climate Risks**	**Risk Rating**	**How Risks Addressed at Project Level**	**Risks Addressed or Further Analysis to be Conducted in Activity Design/ Implementation**	**Opportunities to Strengthen Climate Resilience**
New weir diversions					
Distribution canals					
Flood control embankments					
Development of user associations established and trained by the Ministry of Agriculture Extension Office					
Rehabilitation of rural roads					