



USAID
FROM THE AMERICAN PEOPLE

Improving Access to Climate Information: The SERVIR-Viz Climate Mapper

**UNFCCC In-Session Workshop
June 7, 2008
Bonn**

John Furlow
USAID



USAID
FROM THE AMERICAN PEOPLE

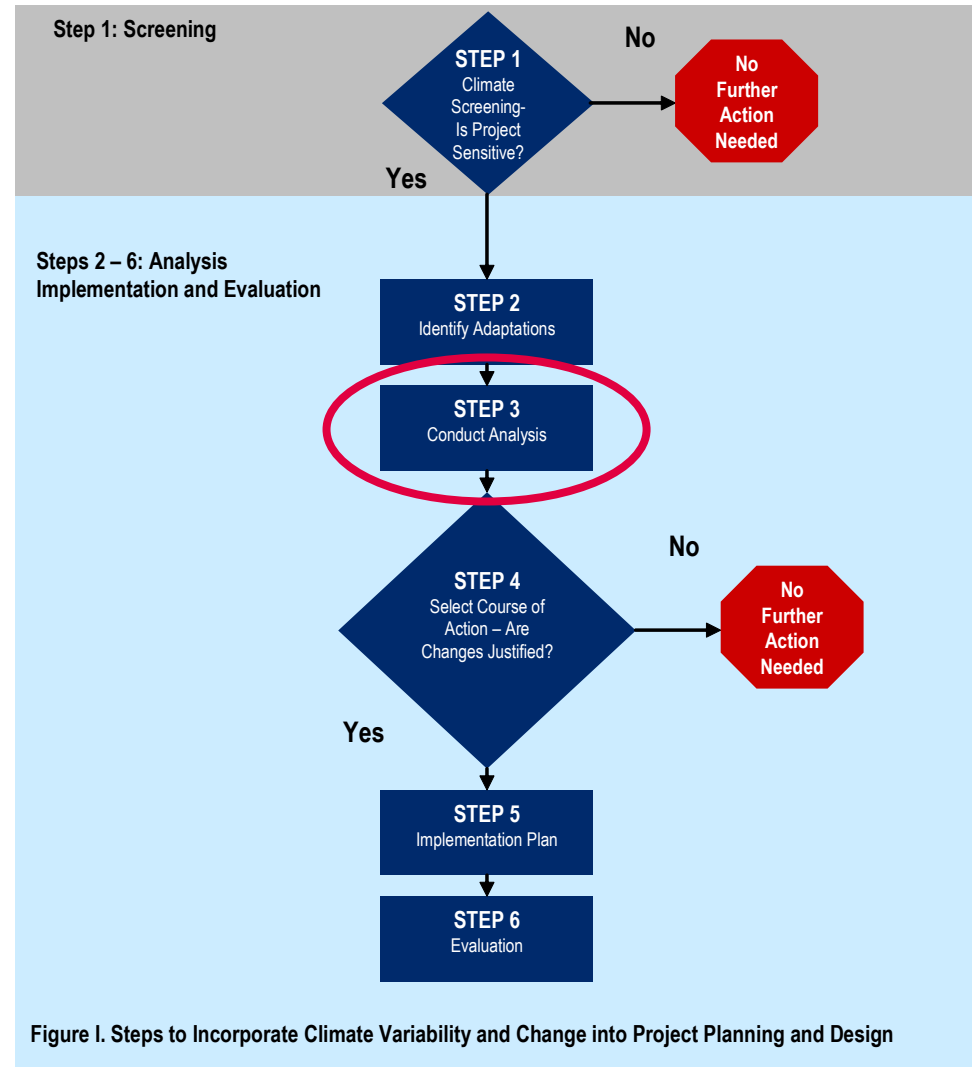
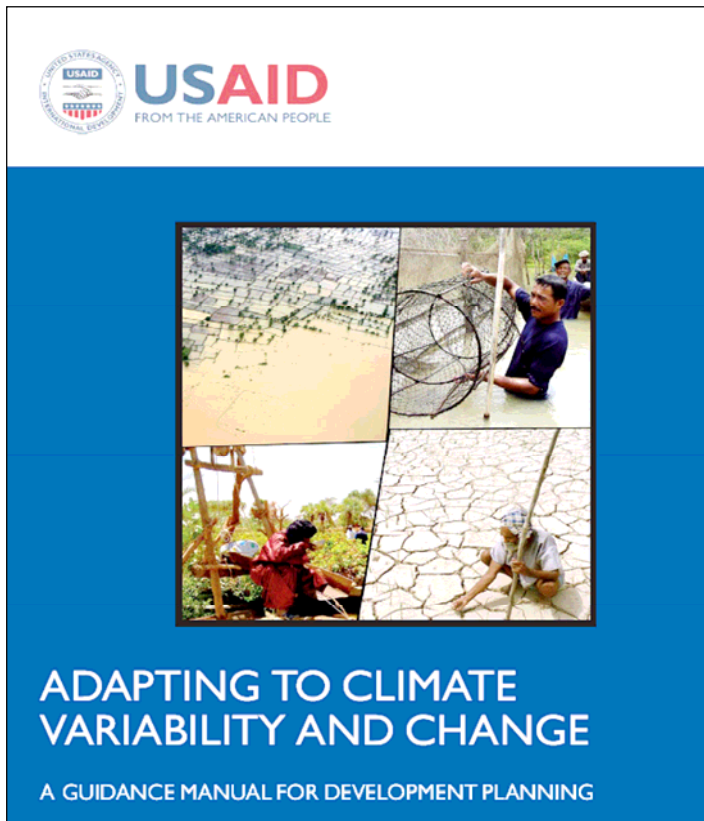


Figure I. Steps to Incorporate Climate Variability and Change into Project Planning and Design



USAID
FROM THE AMERICAN PEOPLE

STEP 1
Is project sensitive
to climate?

NO
→

STOP
No Further
Action

STEP 2
Identify Adaptations

STEP 3:
Conduct Analysis:
Climate impacts on development challenge
Climate impacts on project performance

STEP 4
Select Course of Action:
Changes Justified?

STOP
No Further



USAID
FROM THE AMERICAN PEOPLE

Tools and information: SERVIR

www.servir.net

Climate Mapper
File Help *Users of this tool have read and understand the Disclaimer

Select a Theme:
Temperature
 Observed Modeled Projection [What do these mean?](#)

Observed
Monthly Temperature Values from 1961 to 1990

Modeled Forecast

GCM Model		Time Period
For Map	For Graph	
<input checked="" type="radio"/> Dry (GFDL_CM21)	<input checked="" type="checkbox"/> Dry (GFDL_CM21)	<input checked="" type="radio"/> 2031 - 2040
<input type="radio"/> Mid (ECHAM5)	<input checked="" type="checkbox"/> Mid (ECHAM5)	<input type="radio"/> 2051 - 2060
<input type="radio"/> Wet (NCAR_CCSM)	<input checked="" type="checkbox"/> Wet (NCAR_CCSM)	

Choose an Action:

 Opacity:
 --- OR ---

 Show Spatial Average Grid
 Show Country Boundaries

Graph by Location: Lat: 14.0846, Lon: 3.8366

Average Annual Increase in Temperature (deg C)(Dry) = **+1.8**
 Average Annual Increase in Temperature (deg C)(Mid) = **+1.6**
 Average Annual Increase in Temperature (deg C)(Wet) = **+1.7**

Average Increase in Temperature for 2031-2040 by Month: A1B Scenario using GCM Model(s)

Data Description:
 Observed Data: The observed data are for temperature for the base period (1961-1990). The data are taken from the University of East Anglia's Climate Research Unit(CRU) database of monthly climate observations from meteorological stations and interpolated onto a 0.5 degree grid covering the global land surface.
 Thus, climate grids are constructed for nine climate variables for the period 1901-2002. This dataset is known as CRU TS 2.1 and is publicly available online.

SERVIR Viz!
File Edit View Tools Plug-Ins Help

Manager
 Field
 Gradient
 Des
 VIR Framework
 mIt! Data
 ndaries
 is Worldmap
 anoes
 ge Overlay
 VIR WMS Interface
 emarks
 Icons
 rical Earthquake Icon:
 nQuake Icons
 ate Mapper Map
 an Country Boundarie:
 alClouds
 lines
 enames
 ure Tool
 Save Points
 nfo
 ate Mapper
 e Overview

Average Change in Temperature for 2031 - 2040, BAU-Scenario (A1B) using Dry Model (GFDL_CM21)

Delta Degree Celsius Change from 1961 - 1990
 3.9594
 0.53411