



# **U.S. Army Corps of Engineers Climate Directions**

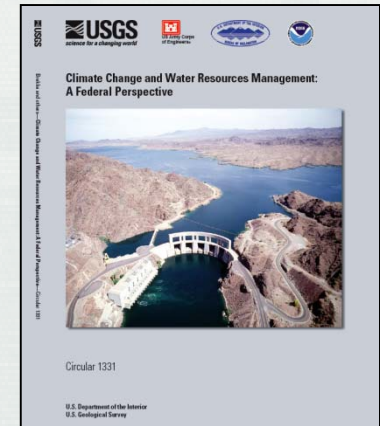
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# Responses to Climate Change

**Mission: Develop and begin implementing nationally consistent, practical, and cost-effective approaches that reduce vulnerabilities to water infrastructure resulting from climate change and variability.**

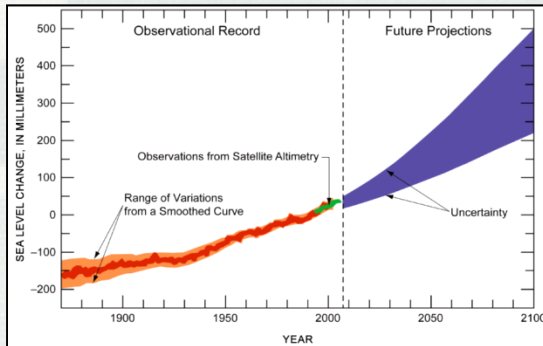


**USGS Circular 1331**

**Vulnerability Assessments to evaluate the potential impacts of climate change on existing USACE projects.**



**Program is working in close collaboration with other Federal science and water management agencies, other levels of government, academia, and stakeholders.**



**Guidance: Multiple scenario approach for sea level change**



**Coralville Dam June 2008**

**Pilot studies to test adaptation strategies**





# Global Change Sustainability Program

**Mission: Implement strategies to ensure the sustainability and performance of USACE projects and systems and to reduce vulnerabilities to observed and future (both predicted and unexpected) global changes.**

**Update drought contingency plans.**



**Develop greenhouse gas emissions reduction strategies. Evaluate carbon sequestration potential of USACE projects and systems.**



**Evaluate reservoir reallocation or re-operation for contemporary needs.**



**Conduct Sustainable Rivers Program demonstration projects with The Nature Conservancy.**

