



Name	A Framework for Assessing Climate Change Impacts on Water and Watershed Systems
Description	In this article a framework for assessing climate change impacts on water and watershed systems to support management decision-making is presented. The framework addresses three issues complicating assessments of climate change impacts--linkages across spatial scales, linkages across temporal scales, and linkages across scientific and management disciplines. A major theme underlying the framework is that, due to current limitations in modeling capabilities, assessing and responding to climate change should be approached from the perspective of risk assessment and management rather than as a prediction problem. The framework is based generally on ecological risk assessment and similar approaches. A second theme underlying the framework is the need for close collaboration among climate scientists, scientists interested in assessing impacts, and resource managers and decision makers. A case study illustrating an application of the framework is also presented that provides a specific, practical example of how the framework was used to assess the impacts of climate change on water quality in a Mid-Atlantic, U.S., watershed.
Type	- PRODUCTS: Other
Sector	<ul style="list-style-type: none"> <li>- Public Health and Safety</li> <li>- Infrastructure</li> <li>- Managed Ecosystems</li> <li>- Natural Ecosystems</li> <li>- Biota</li> <li>- Social and Cultural Resources</li> <li>- Economic Resources</li> <li>- Recreation and Tourism</li> </ul>
Focus Area	- Climate Impacts on Water Resources
Region	<ul style="list-style-type: none"> <li>- National</li> <li>- Regional Or State -- Mid-Atlantic</li> </ul>
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