

Key Steps in Adaptation Planning and Implementation



Conduct Vulnerability Assessment

Develop understanding of how climate change might affect different jurisdictions. Model various climate change scenarios and assess the potential exposure and impacts to key assets (such as infrastructure, property, and natural resources) and services (such as drinking water and emergency response).

Develop Adaptation Plan

Based on assessed vulnerabilities, determine specific strategies that can be undertaken to reduce the amount of risk and damage that will be experienced. Identify overall approach and priorities, policies, potential projects, and time lines.

Develop Detailed Project Plans and Policies

Develop specific implementation plans for adaptation projects including engineering design, environmental permitting, costs, funding sources, deadlines, and anticipated performance measures. Research and draft new policies and solicit public feedback.

Implement Adaptation Projects and Policies

Construct projects. Adopt and enforce policies.

Monitor and Evaluate Effectiveness of Projects and Policies

Conduct multiyear monitoring to assess how well projects and policies are meeting anticipated objectives as conditions change and whether modifications may be necessary to maintain or improve outcomes.