



| | |
|----------------------|--|
| Name | Adaptation Tool Kit: Sea-Level Rise and Coastal Land Use How Governments Can Use Land-Use Practices to Adapt to Sea-Level Rise |
| Description | Description: This Tool Kit describes 18 different land-use tools that can be used to preemptively respond to the threats posed by SLR (see Table 1 on the next page). This Tool Kit focuses on land-use tools that could be used to adapt to impacts to the built environment (public and private coastal development and infrastructure). In order to devise a comprehensive strategy, governments will need to determine which tools to employ given their unique socio-economic and political contexts. To this end, we also provide policymakers with a framework for decision making. We analyze each tool by (1) the type of power exercised to implement it (planning, regulatory, spending, or tax and market-based tools); (2) the policy objective that it facilitates (protection, accommodation, planned retreat, or preservation); and (3) the type of existing or potential land uses that the tool can be used to adapt (critical infrastructure, existing development, developable lands, and undevelopable lands). Finally, we provide a top-level analysis of the trade-offs between tools—the economic, environmental, and social costs and benefits, and the legal and administrative feasibility of implementing each tool. |
| Type | - PRODUCTS: Training and Capacity Building |
| Sector | - Infrastructure - Natural Ecosystems - Social and Cultural Resources - Economic Resources |
| Focus Area | - Coasts and Climate Resilience (including sea-level rise) |
| Region | - National |
| Lead Agencies | Georgetown Climate Center |
| Contacts | Jessica Grannis, Georgetown University, jcg68@law.georgetown.edu |