Texas General Land Office

Community Hazard and Resource Management (CHARM)

Community Hazard and Resource Management (CHARM) is a user-friendly mapping tool that gives everyday citizens and local officials the power to map and analyze growth with real-time feedback. Users can create planning scenarios that are complex and dynamic with immediate results for a variety of impacts. When used in-person with the weTable, it is a powerful planning tool for engaging the public and gathering input about the community's future. The mapping application is supported with a library of mapping data about urbanization, storm surges, conservation, public facilities, and coastal resources.



Taking CHARM Digital

For more than 10 years, the CHARM mapping tool has been used to help more than 100 communities across Texas make smart planning decisions. By putting CHARM online, many more communities will have access and be able to plan for the future more effectively.

Thanks to funding from the Texas General Land Office, CHARM will now be accessible to all via the world wide web. This means users will be able to access data, maps, and planning results from anywhere. They can also share their work with others, making it easier to get feedback, build support, involve experts, and hear from people in different time zones.

CommunityCHARM.org



Harnessing the Power of CHARM – Online for All

The online CHARM platform combines local data with advanced planning tools. It will help communities across Texas get ready for whatever the future holds. With this platform, users will be able to:

- Explore and connect local knowledge with available datasets
- Analyze different planning scenarios and understand their effects
- Start conversations with neighbors and community members
- Work together and share ideas
- Save and adjust their planning exercises over time

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The platform will offer analysis at different levels—local, regional, and project-specific—to help communities make better decisions about land use, growth, and long-term development.



With CHARM, local leaders, community members, and other stakeholders can explore how different choices might affect growth, using real-time feedback to guide their decisions. CHARM leverages local community knowledge for better long-term planning, and is an ideal tool for communities, watersheds, and environmental projects along the U.S. Gulf Coast.