## Sea-Level Hi-Rise! The Waterfront Adaptation Board Game

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The issues presented by sea level rise along the urban edge of coastal cities involve a complex series of challenges including: regional versus local governance, built versus natural environment, vulnerable local and regional infrastructure, diverging interests with diverse stakeholders, and population growth. With each possible future scenario come multiple outcomes with winners and losers. How can the best policy and design be selected and tested? How will communities learn about different options and strategies for adaptation and be empowered to act? To address the pressing problems for coastal adaptation in response to climate change, ecological degradation, and urban growth, this project suggests that game play can inspire creative communication and collective optimism.

The Sea-Level Hi-Rise Board Game comes in a convenient and easily transportable portmanteau suitcase, which contains all of the game pieces, cards, and instructions for play. Maps from different cities can be placed under the board game surface, which will affect game play and strategy based on the past, present, and future site conditions. Stakeholders or "players" may include local government officials, residents, developers, environmentalists, etc. As sea levels rise, will the players choose collaborate and create a shared vision for a resilient waterfront community, or will they follow their own divergent interests? Players will have the ability to shape the future of their community with adaptation strategy cards and game pieces that include housing development, shoreline protection, wetlands restoration, and public infrastructure in response to chance event cards related to the economy, governance, and environment.

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