Sea levels are rising worldwide as warming oceans expand and melt glaciers and ice sheets. Stronger storms coupled with rising sea levels lead to increased flooding. In this game, players are given an island to adapt to Sea Level Rise impacts. Each player chooses an asset to accommodate, defend, or retreat from. Next, players take turns placing and stating aloud their preferred adaptation strategies on or around the island. Conflicting strategies are allowed. The remaining time is used to finalize the group’s proposal by resolving conflicts. Consider the following factors to inform the proposal: (1) Costs/funding, (2) Private property impacts, (3) Environmental impacts, (4) Equity/social justice concerns, (5) Others. Use your worksheet to take notes.

**Sea Level Rise 2050 Scenario Key**
- **RED AREA** = Permanent Sea Level Rise Flooding
- **ORANGE AREA** = Temporary Annual Storm Flooding
- **YELLOW AREA** = Temporary 100-Year Storm Flooding

**Start Game**
- **1.** Each player rolls a die. The highest roll goes first. If a tie occurs, the tied players must re-roll.
- **2.** Players take turns in clockwise order.
- **3.** In turn, each player selects an asset to accommodate, defend, or retreat from. No need to duplicate assets. Use the worksheet provided to record your choice, costs, and pros and cons.
- **4.** Next, in turn, each player places and states aloud their preferred adaptation strategies on or around the island. Conflicting strategies are allowed.
- **5.** Use the remaining time to finalize the group’s proposal by resolving conflicts.

**Legend**
- **Red** = Managed Retreat
- **Gray** = Post-storm prohibitions
- **Blue** = Elevate Buildings
- **Brown** = Floodable Buildings
- **Green** = Elevate/New Road
- **Pink** = Restroom/Seawall
- **Purple** = Wall & Pump Station
- **Yellow** = Traditional Levee
- **Orange** = Horizontal Levee
- **Black** = Soft Engineering
- **Gray** = Hard Engineering

**Additional Notes**
- Homes on public water & sewer. Use propane tanks for heat.
- Homes on public water & private septic. Use propane tanks for heat.
- Homes on public water & sewer requiring lift station. Use propane tanks for heat.