

5 STRATEGIES AND BEST PRACTICES FOR COASTAL LOUISIANA

STRATEGY MATRIX KEY

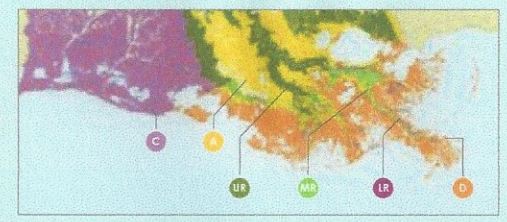
- Essential** = Critical strategy that must be implemented where possible
- Encouraged** = Useful strategy that should be examined for relevance and efficacy
- Optional** = Not a critical strategy but could be of use in some circumstances

RELATING EACH STRATEGY TO GEOTYPES

Each strategy is tied to geotypes for which it is essential, encouraged, optional or not applicable. In this example, the strategy is essential in the Delta, encouraged in Alluvium, Upper, Middle and Lower Riverbanks and not applicable in the Chenier.

EXAMPLE STRATEGY

- Essential** (D)
- Encouraged** (A, UR, MR, LR)
- Optional** (C)
- N/A Not applicable** (C)



	GEOTYPES					
	C	A	UR	MR	LR	D
	CHENIER PLAIN	ALLUVIUM	UPPER RIVERBANKS	MIDDLE RIVERBANKS	LOWER RIVERBANKS	COASTAL DELTA

STRATEGIES AND BEST PRACTICES

COMMUNITY SCALE

	C	A	UR	MR	LR	D
PLANNING AND EDUCATION						
Create a Community Resiliency Plan	●	●	●	●	●	●
Create Emergency Response Plans	●	●	●	●	●	●
Ensure Safe Evacuation Routes	●	●	●	●	●	●
INFRASTRUCTURE DESIGN						
Assess Infrastructure	◐	●	●	●	●	●
Protect Roads and Street Networks	◐	●	●	●	●	●
Protect Electrical Networks	◐	●	●	●	●	●
Elevate Critical Infrastructure	◐	●	●	●	●	●
Protect Water and Sewer Infrastructure	◐	●	●	●	●	●
STORM WATER MANAGEMENT						
Use Sustainable Water Capture Systems	●	●	●	●	●	●
Conserve and Restore Wetlands	●	●	●	●	●	●
Build Low Earthen Barriers	◐	◐	◐	◐	◐	●
SITE DESIGN						
Preserve Community Character	◐	●	◐	◐	◐	◐
Elevate Multiple Buildings	◐	◐	◐	◐	◐	◐

SITE AND BUILDING SCALE

	C	A	UR	MR	LR	D
PLANNING AND EDUCATION						
Educate Home and Business Owners	●	●	◐	●	●	●
Relocate Strategically	◐	◐	◐	◐	●	●
SITE DESIGN						
Secure the Structure in Flood	●	◐	◐	●	●	●
Secure the Building In Wind	●	●	◐	●	●	●
Prepare the Property Before a Storm	●	●	◐	●	●	●
Elevate Living Space Above BFE	●	●	◐	●	●	●
Utilize Innovative and Adaptive Buildings	◐	◐	◐	◐	●	●
Utilize Floating Homes	◐	◐	N/A	◐	◐	◐
Strategic Site Development	●	◐	●	●	●	◐
Use Native Plants for Protection	●	●	●	●	●	●