

LIVING SHORELINES

a regulatory perspective

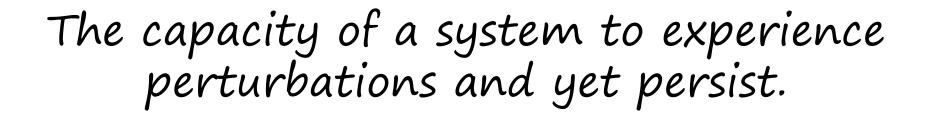


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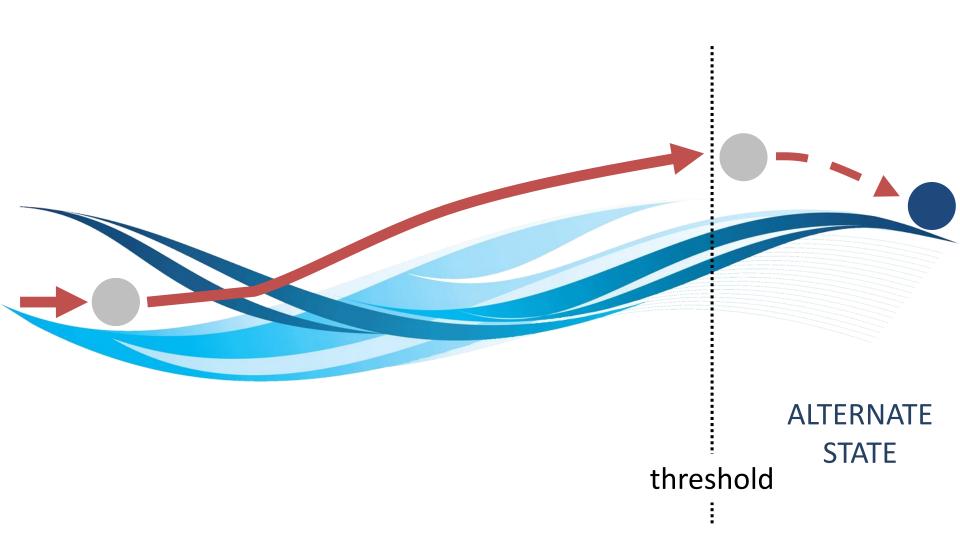




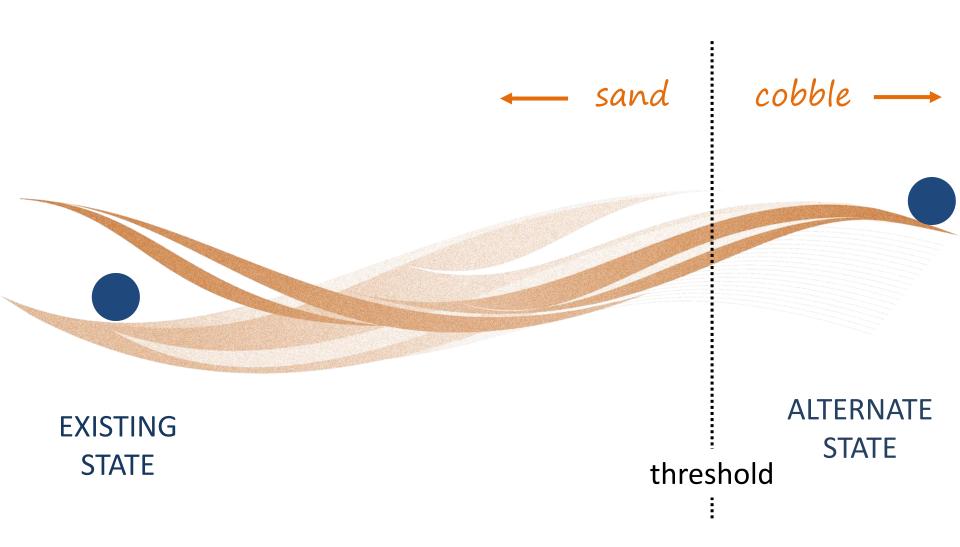


EXISTING STATE

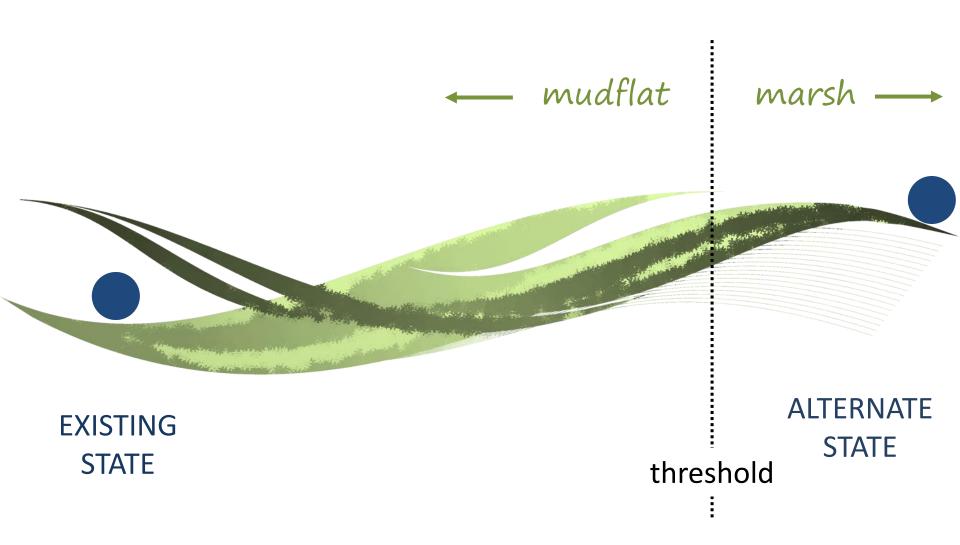














COASTAL ACT











progress under the COASTAL ACT





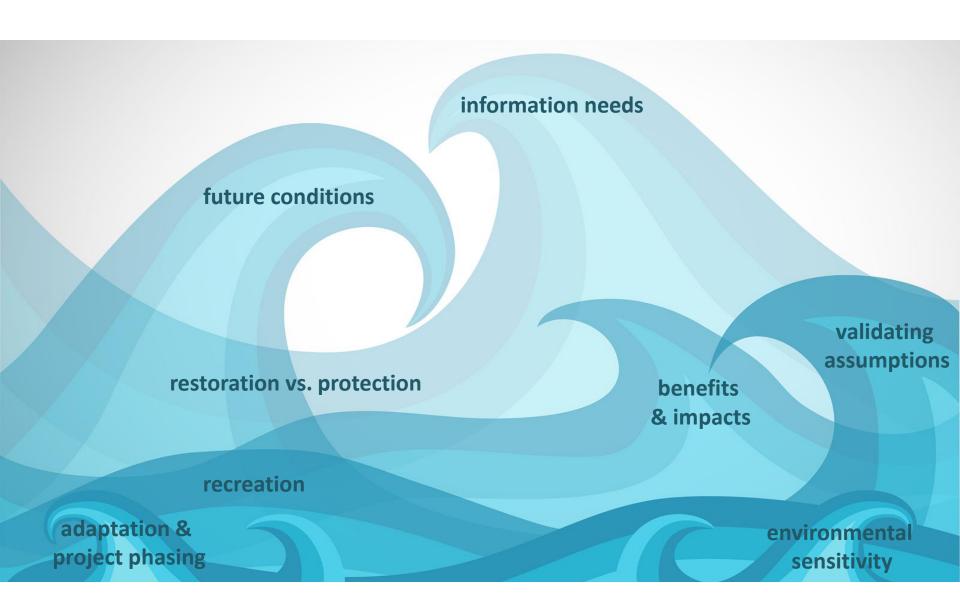




Interpretive Guidelines for Addressing Sea Level Rise in Local Coastal Programs and Coastal Development Permits



ANALYTICAL CHALLENGES





INTELLIGENT MONITORING

Baselines

- Pre-construction state
- Capture potential change
- Selected reference areas

Indicators

- Relevance
- **Practicality**
- Static and/or process-based
- Physical and biological

Evaluation methods

- Fixed and/or relative criteria
- Comparisons (time, space, design type, geography)
- Trends, patterns

Confidence

- Sampling power
- **Ground-truthing**

Schedules

- Frequency
- Duration
- Seasonality

Opportunities

- **Episodic events**
- Tiered approaches

Correction mechanisms

- Potential adaptive management
- Remedial actions



...moving FORWARD

- Partnerships: agencies, communities, practitioners, technical
- Planning: local coastal plans, general plans
- · Pilot studies: innovate, learn, experiment
- Monitoring: process-based methods, indicators
- Knowledge-sharing: best practices, adaptive management
- Funding: existing & new, include monitoring

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