R.I.S.K.:
S is for Sustainability

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Sustainability

• “meeting the needs of the present without compromising the ability of future generations to meet their needs”
Sustainability Concepts

Source: Maureen Hart, Sustainable Measures
Sustainability = Security, Risk Management

Benefits

Resources
What does that mean for flood risk management?

- Make flood system investments only where the returns in benefits provide sufficient societal payback to warrant the investment – including all the costs and benefits
  - don’t overlook OMRR&R, resilience, functionality in the face of climate change
  - Where possible, choose solutions that also provide social and/or ecological benefits; these can include projects that support ecological processes and nature-based systems that emulate or rely on natural processes
Surfer’s Point Managed Shoreline Retreat

**WHAT'S THE PLAN?**
During Phase 1, about half of the existing damaged parking lot will be removed and the materials recycled. The stretch of beach along this area will be widened by 60-feet and a new cul-de-sac on Shoreline Drive will be constructed 1,000 ft. east of the current turnaround. The multi-use bike path will be relocated inland along the beachfront adjacent to the new parking area that will be constructed just north of the existing lot.

**Project Benefits:**
- Beach restoration that protects our coastline from erosion
- Provides more beachfront area for recreational opportunities
- New multi-use bike path with lighting
- New storm water filtration system including a grass bioswale to treat runoff and prevent pollutants from reaching the Ventura River Estuary and ocean

Additional improvements will be made in future phases when funds are identified.
Surfer’s Point Managed Shoreline Retreat
Three Amigos Project
• In some places, the cost of levee OMRR&R may be greater than the benefits provided by the levees, particularly when protecting agricultural fields.

• Three Amigos, Dos Rios, … next?
Thank you!
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