

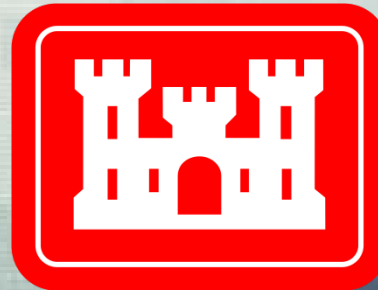
# U.S. ARMY CORPS OF ENGINEERS

## CA MARINE AFFAIRS AND NAVIGATION CONFERENCE

***BUILDING STRONG and Taking Care of People!***

**BG Mark Toy, P.E.**  
**Commanding General**  
**South Pacific Division**

**17 September 2014**



**US Army Corps of Engineers**  
**BUILDING STRONG®**  
**and Taking Care of People!**





# It's good to be back on the BEST Coast!



Family vacation  
← in Hawaii

1<sup>st</sup> day at →  
HQ, USACE



Taking command of SPD



Son graduates



Promotion to BG

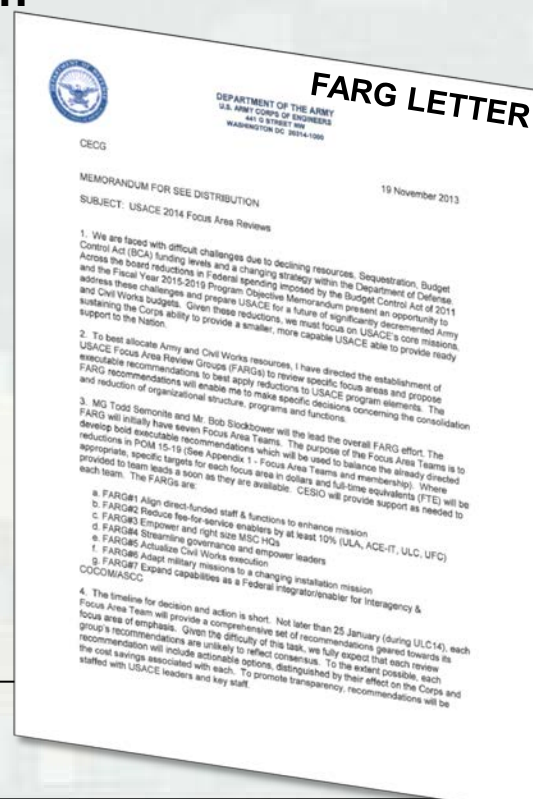


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# HQ USACE Perspective

- USACE is the U.S. Army
- Reduction in Army
- HQ DA Directed 25% Staffing Reduction
- Focused Area Review Groups (FARG)
- Sequestration



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# USACE Campaign Goals



**Support  
National  
Security**

**Prepare  
for  
Tomorrow**

**Engineering Solutions  
to the Nation's  
Toughest Challenges**

**Transform  
Civil  
Works**

**Reduce  
Disaster  
Risk**



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# Navigation Program

through the lens of the Campaign Plan...

USMC



Channel Island Harbor

Hamilton Wetlands



Prepare  
for  
Tomorrow

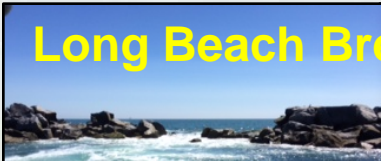
Transform  
Civil  
Works

Reduce  
Disaster  
Risk

Sonoma Baylands



Long Beach Breakwater

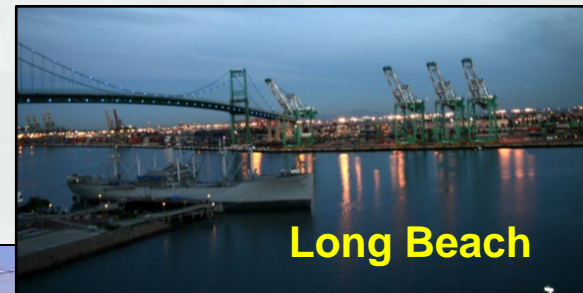




# Navigation Business Line - Economic Significance

## Value of Imports + Exports

- 5 major commercial ports (>40 ft. depth)
- 7 minor commercial ports (20-40 ft. depth)
- 15 small craft harbors
- Regional investment is from \$50 to \$70M per year
- Dredging means over \$200B annually in commerce.





# Port Visits and Debris Mission

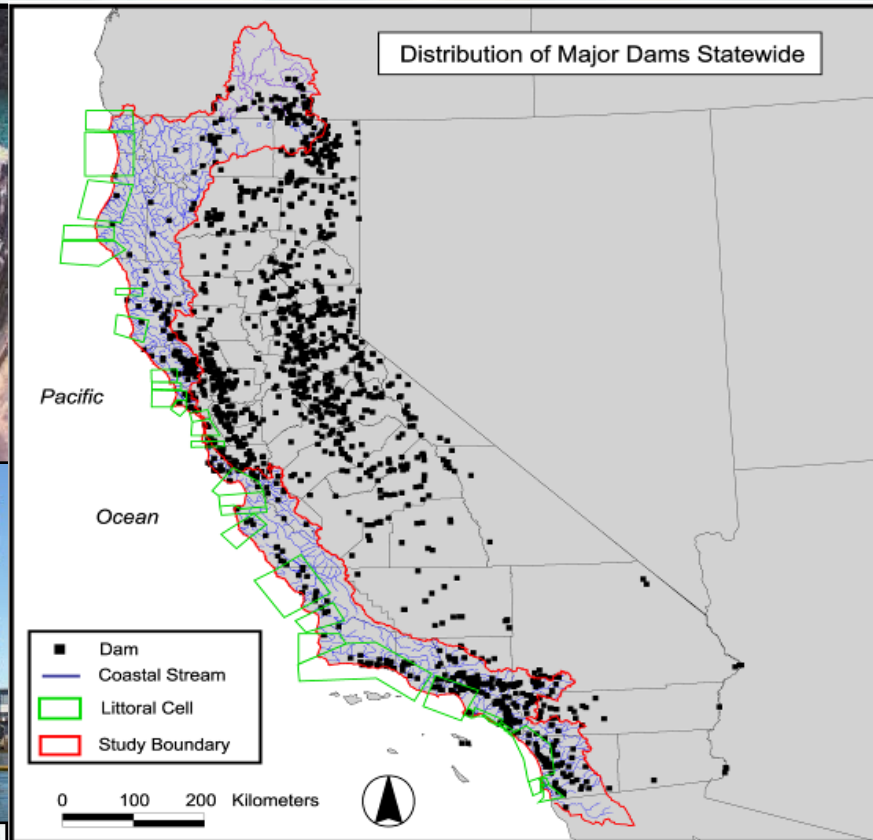


- 27 CA Ports and Harbor
- 429 miles of Navigation Channels
- 35 miles of Navigation Structures
- Approximately 10.0 M cubic yards dredged annually
- Removing ~ 1200 tons of debris/year from SF Bay



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# Issues Affecting SPD



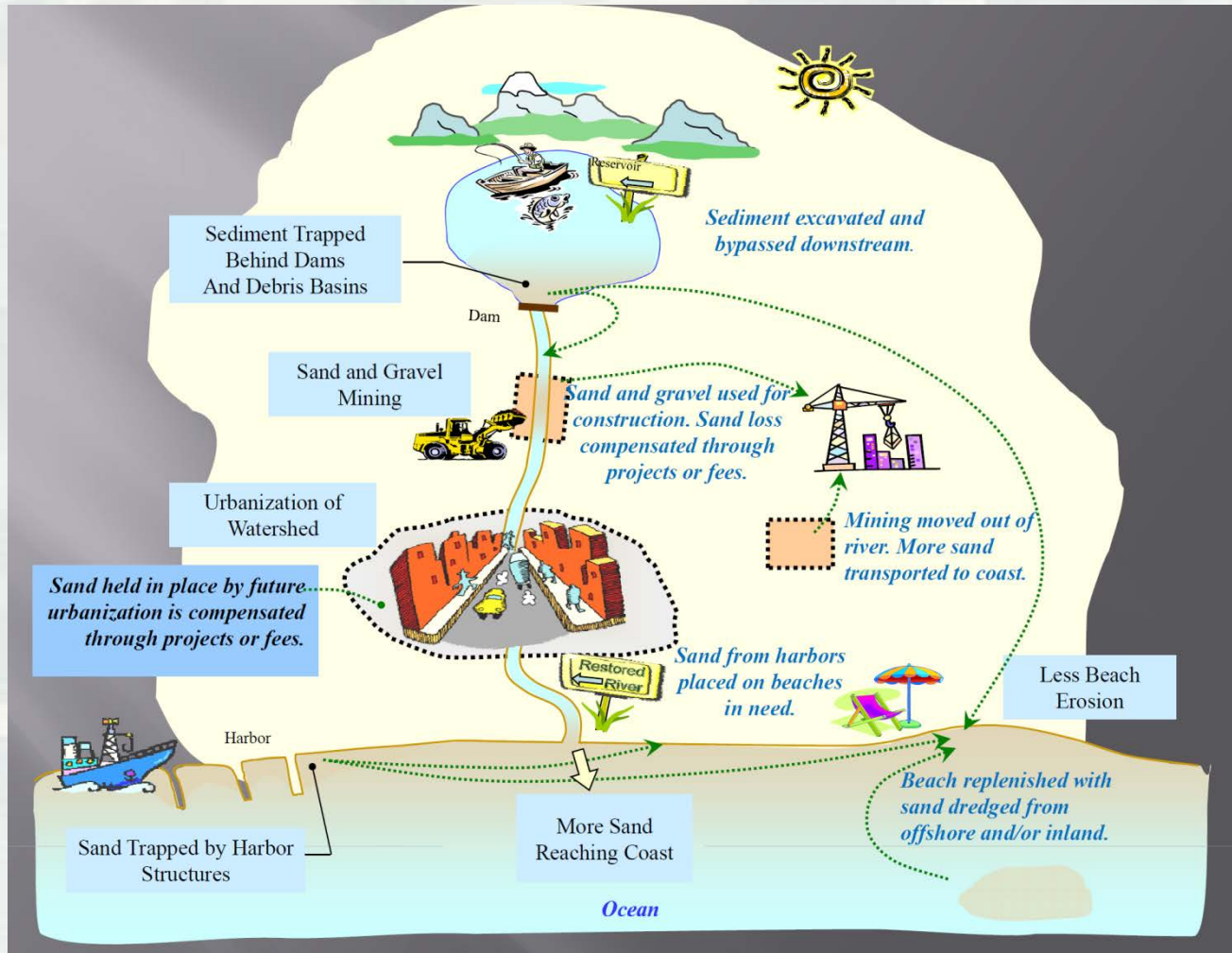
- Rapidly escalating costs
- Federal funding relatively flat



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# Issues Affecting SPD



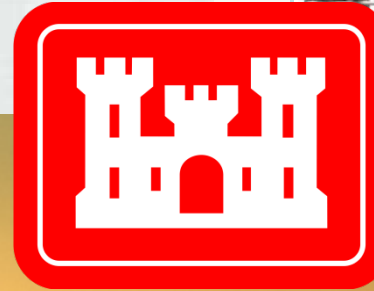
## Regional Sediment Management Managing the “Sediment-Shed”



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# SPD Initiatives



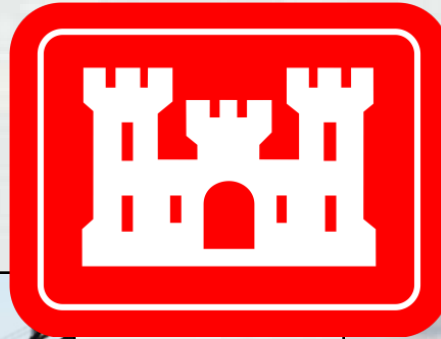
- Optimization of Dredging Resources
- Working with CMANC on defining a pilot to Regionalize Navigation Funding
- Common Levels of Service – Maximize Efficiencies
- Collaboration with the CA Coastal Sediment Management Workgroup
- Navigation Program Value Engineering Study



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# **BUILDING STRONG and Taking Care of People! ... by Taking Care of Our Ports and Harbors!**



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and Taking Care of People!