

Sea Level Rise Subcommittee

April 30, 2015

Notes

Parking Lot

Modeling – Industry studies

Best available science

Model ordinance test

Environmental Law Institute

Adaptive Engineering

Climate Change Adaptation – Fish and Wildlife Service – Amber Pairis

Modeling – region wide

City of Oceanside

Fire Award – Tsunami Warmup

USACE – Beach Study – losing sand, no funding

Flood Control Channel – SLR, USACE – No funding

USACE – Accepted blame over Harbor causing loss of sand transport– USACE dredge every year – no funding

Tsunami debris washing in from Japan

Flood Control Channel –SLR blocked

Harbor & Beach Committee

Buena Vista Lagoon Report/Infrastructure

City of Del Mar

SLR – Grant – CCC

LCP – Amendment

Adaptation

RFP – In progress – May 2015 – July Appointment

STACK Committee

Vulnerability Risk Assessment

Modeling – Cosmos

Modified Modeling – River and watershed included

Regional coordination

Climate collaborative – coordination

RR Corridor – vulnerability

Bluff stabilization

RR – bridges, timber (SCOUP)

Major infrastructure concerns – PWP

City of Solana Beach

No lagoons or low-lying areas

Focus on shoreline and bluff protection

Integrated Coastal's recommendation

Three pronged approach

1. Increase set backs
2. Reduce perm./irrigation
3. Long-term, 50 year beach nourishment

Coastal LCP Planning Grant – how to mitigate effects of seawalls and other hard structures

- Team of consultants: bioengineers, economist, PMC Firm
- Info on Solana Beach website

SCOUP

Regional SANDAG3

Implementation plan

Vulnerability assessment

Beach Evaluation Study – what's it worth? Aesthetic, \$, ecological, "towel space vs. surfer space"

-Draft due August 2015

City of Carlsbad

Presented by Carl Steele, Planner

LCP Update, receive grant funding late 2014 (combined with General Plan Update)

SLR Analysis, Zoning

2 year Grant funding from Coastal Commission

Model – undecided, consultants will recommend

Consultant selection summer 2015

Issues: bridges, I-5 widening, RR track, Coastal Corridor Plan, Village Plan

City of Encinitas

Living Shoreline Grant for Cardiff State Beach – Place 200,000 cy of dredged lagoon material along Coast Highway 101 for multiple benefits including habitat improvements and infrastructure protection.

Submitted for a grant with ICLEI to develop vulnerability, risk assessment and adaptation plan.

Completed the 50 year Coastal Storm Damage Reduction Report on sea level rise, bluff and coastal erosion.

SCOUP Program

Beach Counters for economic analysis

Hazard Mitigation Plan incorporates Sea level Rise impacts.

Sea Level Rise Subcommittee

Bluff Explorer GIS database system

State Parks

Best effort is to partner with cities/municipalities

Infrastructure to organize/develop a policy statewide in Sacramento (general notions, not specific)

Goal to do district/region-wide plans

How can cities support S.P. budget requests?

FEMA (Unofficial capacity)

Coastal Flood study being prepared – due out next year – partnered w/ Scripps

Early wave run up studies

SLR mapping update

“H2O” Program update due

Data Model- standard set

- Scripps & Ocean Inc. for data
- Run up mode = Stockton Model

Website will be updated at some point

www.R9coastal.org – Coastal Beach newsletter

Flood Studies – finished in No. Cal, now starting in So. Cal

Stakeholder webinars TBD

SANDAG

Two areas: Planning and Development

1. Planning:

Shoreline Preservation Group since 1980's

Sand Nourishment and Replenishment

Zero Hardscape

“Living Shoreline” (September) SLR & Habitat

Support SCOUP

2. Development:

Public Works Plan – mobility, rail

Landscape Federal Collaborative

Now growing in So. California (Amber Harris-invite to present at next meeting)

Climate Adaptation Studies

