



A California Joint Powers Agency

**Member Agency
Representatives**

Monica Solorzano
City of Carpinteria

Kyle Richards, Vice-Chair
City of Goleta

Gabe Teran
City of Oxnard

Steven Gama
City of Port Hueneme

Doug Halter
City of San Buenaventura

Eric Friedman
City of Santa Barbara

Laura Capps
Das Williams
County of Santa Barbara

Vianey Lopez, Chair
Matt LaVere
County of Ventura

Executive Director
Marc Beyeler

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NOTICE MEETING

BEACH EROSION AUTHORITY FOR CLEAN OCEANS AND NOURISHMENT (BEACON)

March 17, 2023

NOTICE IS HEREBY GIVEN of a MEETING of the Beach Erosion Authority for Clean Oceans and Nourishment (BEACON). The date, time, and place of the meeting shall be as follows:

DATE: March 17, 2023

TIME: 9:00 AM

PLACE: IN-PERSON AND TELECONFERENCE (see details below)

The agenda of business to be conducted is below.

Vianey Lopez, Chairperson BEACON

Members of the public may participate in-person for this meeting at the following locations:

**County of Ventura
Government Center
800 S. Victoria Ave., 4th Floor
Point Mugu Room
Ventura, CA 93003**

**Asilomar Hotel
800 Asilomar Ave,
Pacific Grove, CA 93950**

**City of Carpinteria
Carpinteria City Hall
City Council Chambers
5775 Carpinteria Ave
Carpinteria, CA 93013**

**County of Santa Barbara
Administration Building
105 E. Anapamu St
4th Floor, 2nd District Office
Santa Barbara, CA 93101**

**City of Goleta
Goleta City Hall, Conference
Room 1
130 Cremona Drive
Goleta, CA 93117**

**901 Sterling Hills Dr,
Camarillo, CA 93010**

Members of the public may also participate via teleconference for this meeting by:

1. You may observe the live meeting of the Board of Directors via Zoom Meeting:
<https://us02web.zoom.us/j/88916030203?pwd=RWNYZlZGLzIVV001Qm16VTgxZWpJQT09>

Meeting ID: 88916030203
Passcode: 428483

2. You may call in to listen live to the Board of Directors meeting by dialing **1669-900-6833** and then entering the following when prompted:
Meeting ID: **889 1603 0203** and
Passcode: **428483**
3. If you wish to make a general public comment or to comment on a specific agenda, the following methods are available:
 - a. Distribution to the Board. Submit comments via email to Staff@Beacon.ca.gov prior to 5:00 p.m. on Wednesday, March 15, 2023, or through mail to BEACON at 501 Poli Street, Ventura, CA 93001 to be received no later than 5:00 p.m. on Wednesday, March 15, 2023. Your comment will be placed into the record and distributed appropriately.
 - b. Read into the record at the meeting. Submit comments of 250 words, or less, via email to Staff@Beacon.ca.gov prior to 5:00 p.m. on Wednesday, March 15, 2023 prior to the Board meeting. Please indicate if you would like to make a general public comment, a comment on a specific agenda item, or both. Please state in your email, or mail, if you would like the comment "read into the record." Every effort will be made to read your comment into the record, but comments may not be read due to time limitations. Comments timely received on an agenda item will be placed into the record and distributed accordingly.
 - c. By Zoom. Log onto Zoom as described above. The meeting will be controlled by the BEACON Chair. If you wish to make a comment during the meeting, please raise your hand using the Zoom instructions on your computer. By using the typed messaging capability of Zoom you should also indicate to the Chair which Agenda Item you wish to speak on or if you wish to make a general comment that is not specific to an Agenda Item. BEACON Staff will make every effort to call you during the indicated item so that you may comment.

In compliance with the Americans with Disabilities Act, individuals needing special accommodations to participate in the meeting should contact BEACON at least three working days prior to the meeting.

MEETING AGENDA

1. Administrative Items

A. Call to Order, Roll Call and Introductions—Chair

The following matters listed under Administrative Items constitute a consent agenda, and will be acted upon by a single roll call vote of the Board. Matters listed as an Administrative Item will be read only on the request of a member of the Board or the public, in which event the matter shall be removed from the Administrative Agenda and considered as a separate item.

- B. Approval of Agenda and Filing of Certificate of Agenda Posting.
- C. Consideration and Approval of Minutes of the BEACON Meeting held on January 20, 2023.
- D. BEACON Board Meeting Calendar for 2023. Review and adopt an updated Board Meeting Calendar for 2023.



2. Public Comment and Other Matters not on the Agenda

3. Presentations TIME CERTAIN 10:00 AM

Receive presentations on Science of Regional Sediment Management and 2023 Emergency Beach Sediment Deposition Projects at Goleta Beach and Carpinteria Beach by Dr. Kiki Patsch, BEACON Science Advisory Committee (SAC) Co-Chair; and by Walter Rubalcava, Deputy Director, Santa Barbara County Public Works-Water Resources and Andrew Raaf, Environmental Manager, Santa Barbara County Flood Control District.

4. Projects – No items

5. BEACON Organization and Program

A. Board Member Reports

Directors are invited to provide reports and updates on items of interest in their County or City.

B. Executive Committee Bylaws

Recommended Action:

Review and approve the amended Executive Committee Bylaws (requires a 2/3 majority vote of the Board of Directors) to require performance and organizational review no more frequently than every other year (biennially) and to revise the Executive Committee meeting schedule to indicate two regular meetings per year while deleting the specific references to meetings in December and May (Exhibit 1).

C. BEACON Budget Actions and Financial Reports

Recommended Actions:

- i. Receive and file the Fiscal Year 2021-2022 Budget-to-Actual report for the year-to-date period ending February 28, 2023 (Exhibit I);
- ii. Authorize the Auditor-Controller's Office to make the budgetary adjustment as follows (requires 6/10 vote):
DECREASE 5665-2199-GATV-GFUN \$16,000.00
INCREASE 5668-2199-CCMF-RCAM \$16,000.00;
- iii. Adopt an increase to voting member assessments (membership dues) by 5.1% for Fiscal Year 2023-2024 to provide an additional \$16,303 in revenue. (Exhibit II) (Requires unanimous approval (10/10 vote);
- iv. Upon approval of member assessments, review the Recommended Fiscal Year 2023-2024 Budget (Exhibit III) with Final Budget Approval to be Presented at May 2023 BEACON Board Meeting.



D. BEACON Contracts and Agreements

Recommended Actions:

- i. Adopt Resolution 2023-2 designating the Chair and the Executive Director as incumbents authorized to negotiate and execute Agreement 22-120 with the State Coastal Conservancy and amendments to it on behalf of BEACON as grantee (Attachment 1).
- ii. Approve and authorize the Chair to execute an Agreement with California State Coastal Conservancy to provide funds for BEACON to complete a study of options for integrating Regional Sediment Management and Sea-Level Rise (SLR) Adaptation with a period of performance from March 31, 2023 through December 31, 2024 in an amount not to exceed \$50,000 (Attachment 2).
- iii. Approve and authorize the Chair to execute an Agreement with Jenna Wisniewski to provide specialist science support services, including Geographic Information Systems (GIS), in an amount not to exceed \$10,000 with a period of performance from April 1, 2023 through June 30, 2023. (Attachment 3).

6. Closed Session

Executive Director Performance Evaluation. (Gov. Code § 54957(b)(1).)

Conference with Labor Negotiators (Gov. Code § 54957.6(a).)

Employee: Executive Director.

Agency-designated representatives: Chair Lopez and Counsel McKenzie.

7. Executive Director's Report and Communications

The Executive Director will report on recent activities and achievements of BEACON, upcoming events of interest to the Board of Directors and the public, and general status of BEACON major projects, including the status of recent BEACON presentations on activities and accomplishments to our member agencies. There will be no Board discussion except to ask questions or refer matters to Staff; no action will be taken unless listed on a subsequent agenda.

Upcoming May Meeting Agenda:

- A. Regional Sediment Management (RSM) and Sea Level Rise (SLR) Adaptation Planning
- B. Project Updates
- C. BEACON Budget Review and Approval
- D. Contracts and Agreements Review and Approval

8. Adjourn

Late Distribution of Materials

Any disclosable public records related to an open session item on a regular meeting agenda and distributed by the City Clerk to all or a majority of the members of the BEACON Board less than 72 hours prior to that meeting are available for inspection in the City Clerk Office, at 5775 Carpinteria Ave, Carpinteria, CA 93013 and on the Internet at: BEACON.CA.GOV. Any written ex-parte communication subject to disclosure by members of the BEACON Board may be published online as an attachment to the corresponding item.



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STAFF REPORT

Meeting Date: Mach 17, 2023

Agenda Item: 3

To: BEACON Board of Directors
From: Marc Beyeler, BEACON Executive Director
Gerald Comati, BEACON Program Manager

Date: March 10, 2023

Subject: Presentation

Receive presentations on Science of Regional Sediment Management and 2023 Emergency Beach Sediment Deposition Projects at Goleta Beach and Carpinteria Beach by Dr. Kiki Patsch, BEACON Science Advisory Committee (SAC) Co-Chair; and by Walter Rubalcava, Deputy Director, Santa Barbara County Public Works-Water Resources and Andrew Raaf, Environmental Manager, Santa Barbara County Flood Control District.

DISCUSSION:

Dr. Kiki Patsch, Chair of the BEACON Science Advisory Committee (SAC), and Associate Professor, California State University Channel Islands, will provide brief comments on recent science activities supporting Regional Sediment Management, and related Sea Level Rise Adaptation, by BEACON and the SAC in the Santa Barbara Littoral Cell.

Mr. Walter Rubalcava and Mr. Andrew Raaf, representing Santa Barbara County Department of Public Works and Flood Control District, will provide a summary of the 2023 Emergency Beach Sediment Deposition projects at Goleta County Beach Park and at Carpinteria City Beach undertaken by Santa Barbara County Public Works.

Regional beaches, including regional recreational dry sand beaches, are at increasing risk of loss. The best available science estimates that 1/3 to 2/3 of regional beaches will be lost by the year 2100 without heightened intervention and management actions to address the threatened landscapes.

Regional beaches have been threatened with coastal erosion for decades requiring interventions, including large scale harbor dredging and creek and stream sand excavations, including debris basin clean-outs.

Increasingly however, more frequent extreme storm events, as both the 2018 Montecito Debris Flow and the 2023 January Storm events show, will likely contribute large amounts of sediment to local rivers, streams, and creeks requiring even more active management.

Regional Sediment Management is needed if we are to retain our local sandy beaches. BEACON has been committed to contributing to best policy and science, employing the best monitoring and resource management practices, for a long time.



In 2000, the California Beach Restoration Report was prepared by the Department of Boating and Waterways and the California State Coastal Conservancy, including analysis of the Santa Barbara Littoral Cell, identifying the need for more study of several aspects of littoral cell sediment dynamics, transport and fate. This report was augmented by several additional studies addressing these different aspects of the Santa Barbara Littoral Cell, including Patsch and Griggs, 2006, 2007; and Barnard, et al, 2009.

In 2009, BEACON adopted the Coastal Regional Sediment Management Plan. Since that time BEACON has continued to support, develop, and employ the best available science. BEACON Staff have been working to address the need for, and pathway(s) to, better coordination of Regional Sediment Management, including a new regional permit program, in the Santa Barbara Littoral Cell.

In the past five years plus, BEACON staff have undertaken multiple project initiatives to address advancing improved regional sediment management and integration of regional sediment management and Sea Level Rise, including importantly efforts to support, develop, and utilize the best available science. These project initiatives and efforts, include: the Debris Basin Redesign Pilot Project (2016-2017; On-Going) with SB County Public Works; the Carpinteria-Rincon Trail Opportunistic Sediment Placement Project: Providing Updated Beach Sampling at Receiver Sites (2020-21); and, the Science Research Agenda (2021).

BEACON staff are currently working on complimentary project initiatives addressing improved regional sediment management and Sea Level Rise adaptation: (1) the Regional Coastal Resilience Sediment Pilot Program (2021), involving analyzing sediment littoral transport and fate, and evaluating sandy beach ecology at select beach locations in the Santa Barbara Littoral Cell to inform regional permitting; and, (2) the Regional Coastal Adaptation Monitoring Program (RCAMP, 2022), involving preparing a regional adaptation monitoring plan and identifying pilot regional monitoring projects to support regional adaptation decision-making. Both of these projects can contribute essential information to support a regional sediment management permit program. The results from both of these programs will be forthcoming in 2023 and 2024.

There are multiple permitted beach and nearshore marine sediment deposition projects on-going in the Santa Barbara Littoral Cell involving the placement of sediment on and adjacent to dry sand beaches, primarily from local harbors and harbor areas, involving the issuance of 'regular' permits.

In addition, in the past five years, there have now been two large sediment debris rainfall and storm events along the South Coast of Santa Barbara and Ventura counties within the Santa Barbara Littoral Cell (January 2018 and January 2023), resulting in emergency sediment deposit activities from inland debris basin and debris flow sources, undertaken under 'emergency' permits.

Since 2019 BEACON has been working more closely with Santa Barbara County officials and city officials to undertake additional analyses of regional sediment and coastal beach ecology to support improved management strategies and actions. As described above, BEACON has sought to fill key knowledge and data gaps, and contribute to development of decision-support tools. BEACON is eager to continue to work with a broad community of participants to develop and implement the best Regional Sediment Management system with the best coastal resource protections and community multiple benefits, acting in partnership with Santa Barbara County, the cities of Goleta and Carpinteria, community stakeholders, local affected residents, and the public.