

BEACON BOARD OF DIRECTORS' MEETING MINUTES

DATE: Friday, September 16, 2016

TIME: 9:00 AM

PLACE: City of Carpinteria, Council Hearing Room
5775 Carpinteria Avenue, Carpinteria, CA. 93013

Item	1	Call to Order, Roll Call and Introductions – Chair, Janet Wolf.
Minutes/ Actions:		<p>Directors Present:</p> <ul style="list-style-type: none"> • Jon Sharkey (City of Port Hueneme) • John Zaragoza (County of Ventura) • Janet Wolf (County of Santa Barbara) • Gregg Hart (City of Santa Barbara) • Paula Perotte (City of Goleta) • Christy Weir (City of Ventura) • Carmen Ramirez (City of Oxnard)

Item	2	<p>Approval of Agenda and Filing of Certificate of Agenda Posting Action: Approve and file</p>
Minutes/ Actions:		Approved.

Item	3	<p>Consideration and Approval of Minutes of the BEACON Meetings held on May 20, 2016. Action: Approve and file.</p>
Minutes/ Actions:		Approved.

Item	4	<p>Public Comment and Other Matters not on the Agenda Ms. Kiki Patsch, California Channel Islands State University. Ms. Patsch explained that is coastal geomorphologist studying the coast of California since 2001. With funding from the California Coastal Conservancy, the US Army Corps of Engineers, the Department of Boating and Waterways and with the Coastal Sediment Management Workgroup, she developed sediment budgets for the major littoral cells in California, inventoried the extent of coastal armoring along California’s 1100 miles of coastline, assessed the reductions to sand supply from the damming of rivers and the armoring of sea cliffs in the Santa Barbara and Oceanside littoral cells, and co-authored the book Living with the Changing California Coast. Ms. Patsch is currently an assistant professor in the environmental science and resource management department at Cal State Channel Islands and utilizing UAVs and LiDAR to quantify coastal change, and developing methodologies to assess storm-scale erosion of coastal bluffs and seacliffs with structure-from-motion photogrammetric techniques. She is also working with Dr. Gary Griggs researching sand supply changes to Malibu and updating the sediment budgets created 10 years prior. Ms. Patsch is very interested collaborating with BEACON with regards to the mutual interests of beach and cliff erosion, coastal resilience and beach nourishment.</p> <p>Mark Capron, Ocean Foresters. Mr. Capron indicated he was impressed with BEACON’s meeting agenda and in particular with the kelp anchor demonstration project. This project starts to address the concerns of the West Coast Ocean Acidification and Hypoxia Science Panel report. The essential message of the Science Panel report is that we need to remove carbon dioxide and dead organic matter from our coastal waters. The Ocean Foresters suggest doing so by growing and harvesting kelp as part of an integrated ecosystem of living shorelines. Globally, living shorelines include mangroves, coral reefs, sea grass, dune grass, and mounds of oysters or mussels. A mound of mussels would be an appropriate living shoreline for our counties. But</p>
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		the mussels cannot continue living, if the coastal water becomes too acidic. This concept titled "Big Picture Resilience via Ocean Forests" was Best Overall in the 2016 American Society of Civil Engineers' Innovation Contest. Mr. Capron requested that the Board allow at a future Board Meeting, a full presentation of this concept with some suggestions for how implementing coastal resilience and ocean restoration fits within BEACON's role.
Minutes/ Actions:	None.	

Item	5	Reports a. Reports from legislative offices. b. Boating and Waterways. c. Cal Coast.
Minutes/ Actions:	None.	

Item	6	Auditor Controller Recommended Actions a. Receive and file the Budget-to-Actual report for the year-to-date period ending June 30, 2016 (Exhibit 1)
Minutes/ Actions:	<ul style="list-style-type: none"> • Mr. Omar Arreola of Ventura County Auditor Controllers Office presented the Auditor Controller Recommended Action. • No discussion from the Board. • Public Comment: None. <p>BOARD ACTIONS:</p> <p>1. The Board approved unanimously the Auditor Controller Recommended Action.</p>	

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Item	7	<p>BEACON's Role and Next Steps</p> <p>a. Receive presentation from the Executive Director regarding discussions with member agencies on BEACON's role.</p>
Minutes/ Actions:		<p>The Executive Director explained that, as previously presented to the Board, BEACON recognizes that its historic role (established over the past 20 years) needs to be redefined and updated in response to the projected changes in local and regional climate, storms and sea level rise as well as the evolving role the BEACON Member Agencies are taking individually to address these same issues. At the beginning of the 2016 BEACON released a Questionnaire to its Member Agencies surveying how and what BEACON can do to better serve them. The survey results confirmed that BEACON does and should provide climate related services and can play more important roles going forward.</p> <p>As a follow up to the questionnaire, BEACON Staff has scheduled a series of face to face meetings with the Planning Departments and Public Works Departments of BEACON's member agencies in order to garnish direct feedback on how BEACON can better serve its member agencies. The first of these face to face meetings occurred on September 14, 2016 at the Santa Barbara County offices. Gerald Comati, Jim Bailard and Marc Beyeler were in attendance for BEACON and will report on the feed-back received.</p> <p>The member agencies participating at the September 14, 2016 meeting were unified in their desire for BEACON to support them in the following ways:</p> <ul style="list-style-type: none"> • Provide a regional views point and expertise. • Provide technical assistance as possible especially in "gap" areas of the coast where more detailed modeling may be required. • Assistance/partner in securing grant funding. • Interest in using BEACON as a public forum to provide public education on the results of the recent SLR and flood inundation modeling and to present strategies for moving forward. <p>Director Hart: Director Hart indicated that any community outreach must be balanced in that both the SLR/inundation impacts as well as solution strategies are presented.</p>

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Item	8	<p>Santa Barbara County Debris Basin Removal Project</p> <p>a. Accept Grant funding from the Ocean Protection Council for Santa Barbara County Debris Basin Removal Project in the Amount of \$539,000.</p>
Minutes/ Actions:		<p>In the fall of 2015, the Ocean Protection Council (OPC) released a call for proposals for Proposition 1 (Water Quality, Supply, and Infrastructure Improvement Act of 2014) funded projects that could “provide more reliable water supplies, restore important species and habitat, and develop a more resilient and sustainably managed coast that can better withstand inevitable and unforeseen pressures in the coming decades”.</p> <p>BEACON Staff approached the Santa Barbara County Flood Control District to identify debris basin removal projects already in development that could greatly benefit from an infusion of supplemental grant funding. The Flood Control District identified two debris basin removals, one at Rattlesnake Creek and one at San Ysidro Creek. BEACON with the SB Flood Control District submitted a grant proposal to fund the removal of these two basins. In June of 2016 the OPC Commission awarded to BEACON the \$539,000 of requested funding for the projects. The total project cost is estimated at \$1,076,000. OPC will fund \$539,000, the Santa Barbara County Flood Control District will fund \$532,000 and BEACON will contribute \$5,000. While BEACON is contributing \$5,000 of its own funds, \$40,000 of the OPC funding will be available to fund BEACON staff and any necessary consultants to administer the Grant and develop a “Best Practices Manual”.</p> <p>Director Wolf: Chair Wolf congratulated the BEACON Staff and indicated that this success was very impressive.</p>

Item	9	<p>Kelp Anchor Demonstration Project</p> <p>a. Accept a donation from Goleta City Councilman Jim Farr from City Council fund to contribute towards the construction cost of Goleta Bay Kelp Anchor Demonstration Project in the Amount of \$4,000.</p> <p>b. Accept Grant funding through the FY 2016-2017 Goleta City Grant Program towards construction of the Kelp Anchor Demonstration Project in the Amount of \$2,500.</p> <p>c. Receive a status report on the project.</p>
Minutes/ Actions:		<p>Gerald Comati Program Manager for BEACON provided a power point presentation to the Board. At the end of 2010, BEACON agreed to perform as the Lead Agency in delivering an innovative project to demonstrate a method to re-establish kelp in Goleta Bay. The method was developed by Mr. Bob Kiel of the Seattle Aquarium and consists of the insertion of 212 three-foot long (2-inch square) granite columns that are water-jetted into the sandy sea bed of Goleta Bay. The re-establishment of a kelp bed in Goleta Bay is considered an environmental benefit to marine life as well as a recreational opportunity.</p> <p>To date, Mr. Bob Kiel and his team have installed to date one hundred and twenty one (121) of the permitted two hundred and twelve (212) kelp anchors. The remaining kelp anchors will be installed in the Fall 2016. The initial eleven anchors installed at the beginning of the year were video surveyed in May of 2016 and all of them had juvenile kelp attached. Consequentially, so far the project is looking very successful. Gerald explained that post project monitoring efforts will continue for the next two years.</p>

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Item	10	Intern a. Receive an informational report from the Executive Director introducing Claudia Avendano as the BEACON Intern.
Minutes/ Actions:	The Executive Director introduced the new BEACON Intern, Ms Claudia Avendano, a graduate student at USC. Ms Avendano made a presentation on her research at USC.	

Item	11	Executive Director's Report and Communications.
Minutes/ Actions:	• None	

Meeting Minutes by Gerald Comati, Program Manager, BEACON.

Adjourn to next regular meeting November 18, 2016 at 9:00 AM in Carpinteria City Hall