



A California Joint Powers Agency

**Member Agencies**

Al Clark  
*City of Carpinteria*

Kyle Richards  
*City of Goleta*

Vianey Lopez  
*City of Oxnard*

Steven Gama  
*City of Port Hueneme*

Joe Schroeder  
*City of San Buenaventura*

Eric Friedman  
*City of Santa Barbara*

Gregg Hart, Chair  
Das Williams  
*County of Santa Barbara*

Carmen Ramirez, Vice Chair  
Matt LaVere  
*County of Ventura*

**Executive Director**  
Marc Beyeler

**Santa Barbara Address:**  
105 East Anapamu, Suite 201  
Santa Barbara, CA 93101

**Ventura Address:**  
501 Poli St.  
P.O. Box 99  
Ventura, CA 93001

**Email:**  
Office@Beacon.ca.gov

**Website:**  
<http://www.beacon.ca.gov>

**NOTICE MEETING**

**BEACH EROSION AUTHORITY FOR CLEAN OCEANS AND  
NOURISHMENT (BEACON)  
SCIENCE ADVISORY COMMITTEE (SAC)  
MEETING**

**Wednesday, February 23, 2022  
Time: 2:00 pm to 4:00 pm**

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

**DATE:** Wednesday, February 23, 2022  
**TIME:** 2:00 pm to 4:00 pm  
**PLACE:** TELECONFERENCE (see details below)

The agenda of business to be conducted is below.

**Marc Beyeler, BEACON Science Director**  
**DATE: Wednesday, February 23, 2022**

The California State Legislature recently passed, and the Governor signed, Assembly Bill 361 (Rivas, 2021), which amends the Government Code to allow Brown Act bodies to continue to meet remotely if certain elements are met.

Members of the public may observe and address the Board as shown below:

**The following alternative methods of participation are available to the public:**

**1. You may observe the live meeting of the SCIENCE ADVISORY COMMITTEE via Zoom Meeting:**

**February 23, 2022, 2:00pm to 4:00 pm**

**Join Zoom Meeting**

**<https://us02web.zoom.us/j/83905732548>**

**Meeting ID: 83905732548**

**Passcode: 892337**

- 2. You may call in to listen live to the Science Advisory Committee Meeting by dialing: +16699006833 for meeting ID 839 0573 2548, with passcode 892337.**
- 3. If you wish to make a general public comment or to comment on a specific agenda item, the following methods are available:**
  - a. Distribution to the Science Advisory Committee. Submit comments via email to [Staff@Beacon.ca.gov](mailto:Staff@Beacon.ca.gov) prior to 5:00 p.m. on February 22, 2022, or through mail to BEACON Attn: Science Advisory Committee at 501 Poli Street, Ventura, Ca 93001 to be received no later than 5:00 p.m. on February 22<sup>nd</sup> . 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](mailto:Staff@Beacon.ca.gov) prior to 5:00 p.m. on February 22, 2022 prior to the SAC 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 some 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 Executive Director. If you wish to make a comment during the agenda item for public comment, 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 Executive Director 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.

**BEACON Science Advisory Committee (SAC)  
MEETING AGENDA  
February 23, 2022**

**1. Administrative Items**

- A. Call to Order and Roll Call –  
Drs. K. Patsch and D. George, SAC Co-Chairs**
- B. Report on Circumstances of the COVID-19 State of Emergency**
  - i. Receive and file:**

- a. An update that the State and County remain under a proclaimed state of emergency related to COVID-19; and
  - b. The Santa Barbara County Public Health Department recommendation issued February 16, 2022 and the Ventura County Health Officer recommendation issued September 21, 2021 regarding social distancing.
- ii. Provide direction to Staff about the location of the next meeting.
- C. Consideration and Approval of the Minutes of the BEACON SAC Meeting of December 7, 2021.  
Co-Chairs Patsch and George

**2. Discussion of Research Agenda Implementation Planning. Co-Chairs and BEACON and CA Sea Grant Staff**

- A. Regional Monitoring (Action)
  - i. Science Initiatives Gap Analysis
    - a. Conversation and Round Robin Updates
- B. Sediment Management and SLR Adaptation Governance Study (Action)
  - i. Receive Staff Report on Governance Study Regional
  - ii. Discuss Role of SAC
- C. Prop 68 Regional Sediment Study (Report)
  - i. Receive Staff Report on Governance Study Regional
    - a. Sediment Transport and Fate
    - b. Sandy Beach Ecology Framework Analysis
    - c. Regulatory Analysis-Regional Permit
    - d. Future needs

**3. Manager Liaison**

- i. Receive Staff Report on Manager Liaison (Report)

**4. Planning for Manager/Scientist 2022 Summit**

- A. Fall: Focus perhaps on monitoring
  - i. Consider alignment with ASBPA Conference: Week before Sept 6-9 or Monday, Sept 12

**5. Discussion of 2022 Meeting Schedule**

- A. Second meeting for SAC in Spring/Summer 2022.
  - i. Continue discussions on regional monitoring and planning for BEACON Summit
- B. BEACON Summit- Fall 2022
- C. SAC meeting in Winter to reflect on 2022 actions, revise research agenda as needed, and ID priorities for 2023

**6. Adjournment-Co-Chair**

**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.*



## Public Health Administration

300 North San Antonio Road ♦ Santa Barbara, CA 93110-1316  
805/681-5100 ♦ FAX 805/681-5191

Van Do-Reynoso, MPH, PhD Director  
Suzanne Jacobson, CPA Chief Financial Officer  
Palge Batson, MA, PHN, RN Deputy Director  
Darrin Eisenbarth Deputy Director  
Dana Gamble, LCSW Interim Deputy Director  
Polly Baldwin, MD, MPH Medical Director  
Henning Ansorg, MD Health Officer

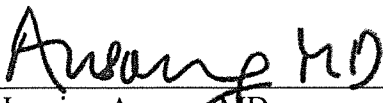
February 16, 2022

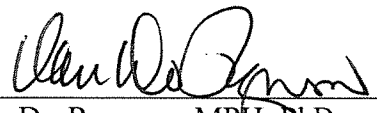
### HEALTH OFFICIALS AB 361 SOCIAL DISTANCE RECOMMENDATION

COVID-19 disease prevention measures, endorsed by the Centers for Disease Control and Prevention, include vaccinations, facial coverings, increased indoor ventilation, handwashing, and physical distancing (particularly indoors).

Since March 2020, local legislative bodies-such as commissions, committees, boards, and councils- have successfully held public meetings with teleconferencing as authorized by Executive Orders issued by the Governor. Using technology to allow for virtual participation in public meetings is a social distancing measure that may help control transmission of the SARS-CoV-2 virus. Public meetings bring together many individuals (both vaccinated and potentially unvaccinated), from multiple households, in a single indoor space for an extended time. For those at increased risk for infection, or subject to an isolation or quarantine order, teleconferencing allows for full participation in public meetings, while protecting themselves and others from the COVID-19 virus.

Utilizing teleconferencing options for public meetings is an effective and recommended social distancing measure to facilitate participation in public affairs and encourage participants to protect themselves and others from the COVID-19 disease. This recommendation is further intended to satisfy the requirement of the Brown Act (specifically Gov't Code Section 54953(e)(1)(A)), which allows local legislative bodies in the County of Santa Barbara to use certain available teleconferencing options set forth in the Brown Act.

  
Henning Ansorg, MD  
Public Health Officer  
County of Santa Barbara

  
Van Do-Reynoso, MPH, PhD  
Public Health Director  
County of Santa Barbara

To: Board of Supervisors  
County Executive Office  
Clerk of the Board

From: Dr. Robert Levin, Ventura County Health Officer

Date: September 21, 2021



Re: Recommendation regarding Social Distancing and Continued Remote Meetings of  
Legislative Bodies

I strongly recommend that physical/social distancing measures continue to be practiced throughout our Ventura County communities to minimize the spread of COVID-19, including at meetings of the Board of Supervisors and meetings of other legislative bodies of the County of Ventura.

California Department of Public Health ("CDPH") and the federal Centers for Disease Control and Prevention ("CDC") caution that the Delta variant of COVID-19, currently the dominant strain of COVID-19 in the country, is more transmissible than prior variants of the virus, may cause more severe illness, and that even fully vaccinated individuals can spread the virus to others resulting in rapid and alarming rates of COVID-19 cases and hospitalizations (<https://www.cdc.gov/coronavirus/2019-ncov/variants/delta-variant.html>). Additionally, the CDC has established a "Community Transmission" metric with 4 tiers designed to reflect a community's COVID-19 case rate and percent positivity. Ventura County currently has a Community Transmission metric of "high" which is the most serious of the tiers.

Whether vaccinated or not, positive individuals are contracting the Delta variant and infecting others in our communities. Social distancing and masking are crucial mitigation measure to prevent the disease's spread. Remote meetings of legislative bodies of the County, including but not limited to the Board of Supervisors, are a recommended form of social distancing that allows for the participation of the community, staff, presenters, and legislative body members in a safe environment, with no risk of contagion. It is recommended that legislative bodies of the County continue to implement 100% remote meetings.

If you have any questions regarding this recommendation, please do not hesitate to contact me.

# BEACON SCIENCE ADVISORY COMMITTEE MEETING MINUTES

**DATE:** Tuesday, December 7, 2021

**TIME:** 2:00 PM

**PLACE:** TELECONFERENCE

Item	1A	Call to Order and Roll Call– Co-Chair, Dr. George; Marc Beyeler
Minutes/ Actions:	<p><b>Members Present:</b> <b>RECORD</b></p> <ul style="list-style-type: none"> <li>• Dr. Kiki Patsch- absent</li> <li>• Dr. Doug George</li> <li>• Mr. Robert Battalio PE</li> <li>• Dr. Jenifer Dugan</li> <li>• Dr. Lesley Ewing PE</li> <li>• Dr. Philip King</li> <li>• Dr. Charles Lester</li> <li>• Dr. Dan Reineman</li> <li>• Dr. David Revell</li> <li>• Dr. Dan Hoover -absent</li> <li>• Dr. Sean Vitousek</li> <li>• Dr. Kristen Goodrich</li> </ul> <p><b>Also in attendance</b> BEACON Executive Director Marc Beyeler and CA Sea Grant Program Coordinator Nick Sadrpour.</p> <p><b>Members of the public briefly introduced themselves:</b> Valerie Vartanian (Navy Base Ventura), John Ilasin (City of Carpinteria), Chris Huitt (State Lands Commission), Christina Birdsey (Port of Hueneme), Maureen Spencer (County of Santa Barbara), Aaron Engstrom (County of Ventura), Brian Adair</p>	

Item	1B	Report on Circumstances of the COVID-19 State of Emergency
Minutes/ Actions:	<p>Mr. Beyeler gave an overview of the State order and background of both the Counties of Santa Barbara and Ventura on virtual public meetings.</p> <p>Motion to receive and file the report and to direct the SAC to meet remotely. Motion to approve by Dr. King Second by Dr. Ewing PE</p> <p>Yes- Dr. Vitousek, Dr. Revell, Dr. Reineman, Dr. Lester, Dr. King, Dr. Ewing PE, Dr. Dugan, Mr. Battalio PE, Dr. George No- none Abstain- none Public comment was asked for</p>	

Item	1C	Consideration and Approval of Minutes of the BEACON SAC Meeting held on September 14, 2021- Dr. George; ED Marc Beyeler
Minutes/ Actions:	<p>Mr. Sadrpour noted minor clerical corrections and one line added to the minutes in item 3 to clarify Mr. Battalio PE's comments.</p> <p>Motion to approve by Dr. Lester Second by Dr. Dugan</p> <p>Yes-</p>	

# BEACON SCIENCE ADVISORY COMMITTEE MEETING MINUTES

**DATE:** Tuesday, December 7, 2021

**TIME:** 2:00 PM

**PLACE:** TELECONFERENCE

	Dr. Vitousek, Dr. Revell, Dr. Reineman, Dr. Lester, Dr. King, Dr. Ewing PE, Dr. Dugan, Mr. Battalio PE, Dr. George No- none Abstain- none Public comment was asked for
--	---

Item	2	<b>Discussion and Adoption of Draft Final Science Research Agenda. Co-Chairs -Dr. George, Marc Beyeler ED</b>
<b>Minutes/ Actions:</b>	<p>Dr. George provided a background of the series of meetings that led to this final version we are seeing today. This is a big document that has tried to incorporate all the comments received by you all about priorities in science and research that can help support BEACON's effort. We want to thank Mr. Beyeler and Mr. Sadrpour for taking the comments and suggestions and added them into this final review version of the Research Agenda. Dr. George highlighted key changes including:</p> <ul style="list-style-type: none"> <li>• A new crosswalk table with the updated BEACON Strategic Plan, science themes, early implementation actions and nested tasks to try to connect Research Agenda with the larger goals and priorities of BEACON.</li> <li>• Catalogue of municipality efforts around coastal vulnerability/adaptation efforts (appendix C)</li> <li>• BEACON primary objectives from the BEACON Bylaws that actually help solidify what BEACON is supposed to do, and again where BEACON from a science and research standpoint can really make a difference</li> <li>• updated implementation schedule to illustrate current efforts</li> </ul> <p>Dr. George appreciated the feedback that has been provided and highlighted input from SAC members on the figures, crosswalk table, and throughout the document. Additionally it's important to highlight that staff from Ventura County provided an excellent addition to include parts of unincorporated Ventura County that are within in Santa Monica Littoral Cell. We are here now to start that discussion and would love to start off with any high level comments and questions.</p> <p>Dr. Revell still had some references to provide and asked if it would be appropriate to send.</p> <p>Dr. George reinforced that this is a living document and hoping to create perhaps an online version of them, but will certainly continue to update the references and sources section to make it as thorough as possible.</p> <p>Dr. Dugan hoped to also include science efforts such as snowy plover and grunion monitoring.</p> <p>Mr. Sadrpour thanked everyone for their valuable feedback and edits. Appendix A and C will continue to be updated over time so please continue to send those in. One major goal, highlighted in the Research Agenda, is for BEACON to become a repository for relevant documents, information, and ongoing efforts. This is that starts so yes please do send in other municipal planning documents, sources and references, and science initiatives.</p> <p>Mr. Battalio PE really appreciated staff's effort in addressing and consolidating all the comments and edits, especially the crosswalk table.</p> <p>Dr. King said I think this is a great document. It sets BEACON up well to apply for grants and implement the items laid out in this document. We can always improve this but we also have to have a stopping point and use this document to achieve what we're setting out.</p> <p>Valarie Vartanian: Appendix C doesn't include Naval Base Ventura County coastal zone management studies and resilience plan. Would that be something BEACON would consider including?</p>	



# BEACON SCIENCE ADVISORY COMMITTEE MEETING MINUTES

**DATE: Tuesday, December 7, 2021**

**TIME: 2:00 PM**

**PLACE: TELECONFERENCE**

Dr. George responded yes of course. Please send it and we would be happy to include it. We are hoping to accumulate those types of documents and information.

Mr. Beyeler agreed. Yes we seek to get the efforts that the Navy has done in Ventura that can be added to this list. We also hope to have other entities with similar initiatives submit their documents and include them in these efforts. As some of you know we've had local municipalities present to the BEACON Board what they have done in terms of sea level rise vulnerability and adaptation. This is the start of accumulating and creating that repository. It also already has led to collaborative pursuits of initiatives laid out in the Research Agenda such as early discussions with the City of Santa Barbara of a pilot regional monitoring program.

Dr. Ewing PE brought up that the Coastal Commission just begun public access planning for Hollister Ranch. Not sure how that fits into this plan specifically on where that added access might fit into this plan.

Dr. George, respond to Dr. Ewing PE's question. Does the Research Agenda require calling out Hollister or is it broad enough to cover that if it happens?

Dr. Ewing PE commented, it seems to be in the broadness of the discussion but unsure where it specifically fits in. I think it fits in the context and is within the BEACON scope.

Dr. Lester agreed and mentioned that Dangermond has also been "off limits" until recently so it is certainly something that the SAC, BEACON, and this Research Agenda can be applied too.

Dr. Dugan mentioned that she's been coordinating with TNC and is beginning some early characteristic surveys at these beaches where access has been limited.

Dr. Lester promoted this idea to Mr. Beyeler that this new access could be a great resource for BEACON to increase public access to its coast.

Dr. Ewing PE pointed out that this creates an opportunity for baseline data collection.

Dr. Revell added that places around Vandenberg and elsewhere in the area are pretty wild and less impacted. That could be a bigger discussion this group has on learning from that ecosystem and applying that more broadly. At first, I was thinking of something more specially focused, but I'd say that highlighting that there are opportunities to learn more from some of the less impacted areas in the BEACON region to obtain baseline data and do some research might be more appropriate given where we are.

Dr. George appreciated the comments made by the other SAC members but cautioned about being too specific by site. We don't want to add this in and end up limiting our scope.

Dr. Dugan brought up that there is a focus for ecosystem framework in the Research Agenda which includes reference areas by default although sites are not called out specifically.

Dr. Revell if the point of the Research Agenda is about prioritizing where we can target future research investments, then specifically identifying the research opportunities on less impacted areas as excellent areas to help promote baseline and reference site data collection seems appropriate. For example, Pt. Sal has a unique olivine mineral that has been tracked down to Santa Barbara Harbor and that has a lot of interesting overlap with management of land use and human impacts.

# BEACON SCIENCE ADVISORY COMMITTEE MEETING MINUTES

**DATE:** Tuesday, December 7, 2021

**TIME:** 2:00 PM

**PLACE:** TELECONFERENCE

	<p>Mr. Battalio PE commented that looking through the document and trying to find where to call this out that it somewhat seems to be included in the full context of the plan.</p> <p>Dr. Revell offered to modify the coastal ecology portion and human use early implementation actions could help highlight understanding of ecological health and disturbances.</p> <p>Dr. Ewing commented that perhaps it could be better as footnote.</p> <p>Dr. Dugan included adding restored beaches/sties to that footnote.</p> <p>Dr. Revell made a motion to adopt the final review with modifications to the coastal ecology and human use section to include a footnote addressing opportunities that exist for reference sites and baseline data collection at less impacted areas and areas that have had various levels of access such as Vandenberg, Hollister, Dangermond, and others.</p> <p>Second by Dr. King.</p> <p>Yes-</p> <p>Dr. Vitousek, Dr. Revell, Dr. Reineman, Dr. Lester, Dr. King, Dr. Goodrich, Dr. Ewing PE, Dr. Dugan, Mr. Battalio PE, Dr. George</p> <p>No- none</p> <p>Abstain- none</p> <p>Public comment was asked for.</p> <p>Valerie: Please distribute this to other organizations and entities involved. That would be a great way to get feedback but also broadcast since many are outside BEACON.</p>
--	--

<b>Item</b>	<b>3</b>	<b>Adopt January Meeting Date. Co-Chairs and Executive Director</b>
<b>Minutes/ Actions:</b>	<p>Dr. George said that a doodle poll will be circulated to try to find the next meeting date likely end of January or early February.</p> <p>No action was required to be taken.</p> <p>Public comment was asked for.</p>	

<b>Item</b>	<b>4</b>	<b>Adjournment Co-Chairs</b>
<b>Minutes/ Actions:</b>	<p>Dr. George summarized the meeting and next steps. January/February for next big SAC meeting. We will consider in-person at that time. We'd also like to discuss an annual summit and events through 2022.</p> <p>No action was required to be taken.</p> <p>Public comment was asked for.</p>	

## **BEACON SCIENCE ADVISORY COMMITTEE MEETING MINUTES**

**DATE:** Tuesday, December 7, 2021

**TIME:** 2:00 PM

**PLACE:** TELECONFERENCE

**Public comment was solicited after each agenda item. No public comment was received except where noted.**

**Adjourn to next regular meeting to be scheduled in February 2022 by Teleconference or Video**

**Conference. Meeting Minutes by Nick Sadrpour, Program Coordinator, California Sea Grant.**