

## Climate-Safe Infrastructure Webinar Series

### Forward-Looking Climate Science for Use in Infrastructure Engineering: Possibilities and Limits

Thursday, Feb. 22, 2018 from 12 pm - 1 pm (PST).

Please join us for our second webinar in support of [AB2800 \(Quirk\) Climate Change; infrastructure planning](#) and the [Climate-Safe Infrastructure Working Group](#). Leading climate and coastal geology scientists, Dr. Dan Cayan and Dr. Patrick Barnard, will provide insight on current climate and extreme event projections for California. They will discuss the possibilities and limits of using global climate projections for application in infrastructure engineering. We will also draw in expertise from Dr. Nicolas Luco and Dr. Morgan Page, to learn how engineers and seismic scientists work together to incorporate earthquake information in infrastructure design, despite immense uncertainty and unpredictability. The webinar will provide insights on how forward-looking climate science can inform the work of updating engineering design standards and other relevant policies, regulations, and guidelines to build climate-safe infrastructure in the state.

#### Presenters:

**Dan Cayan, Ph.D.**

Researcher | Climate-Safe Infrastructure Working Group Member  
Scripps Institution of Oceanography, UC San Diego

**Patrick Barnard, Ph.D.**

Research Geologist  
USGS Pacific Coastal & Marine Science Center

**Nicolas Luco, Ph.D.**

Research Structural Engineer  
USGS Geologic Hazards Team

**Morgan Page, Ph.D.**

Geophysicist  
USGS Earthquake Science Center

#### Webinar Information:

Meeting Number: 928 936 019

Password: [meeting@12pm](#)

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To join the meeting online (Now from mobile devices!)  
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1. Go to <https://energy.webex.com/energy/j.php?MTID=m1a64752f7bd0044f2552b8b8c2858093>
2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password: [meeting@12pm](#)

4. Click "Join".
5. If the meeting includes a teleconference, follow the instructions that appear on your screen.

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To join the audio conference only  
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To receive a call back, provide your phone number when you join the meeting, or call the number below and enter the access code.

Call-in toll-free number (US/Canada): 1-866-469-3239

Call-in toll number (US/Canada): 1-650-429-3300

### **About the Climate-Safe Infrastructure Webinar Series**

The Climate-Safe Infrastructure Webinar Series is intended to support [AB2800 \(Quirk\) Climate Change; infrastructure planning](#) and complement the work of the recently-convened [Climate-Safe Infrastructure Working Group](#). These webinars provide important information from and to this Working Group in advance of public meetings. They also serve as an opportunity to engage external stakeholders who are following the process or anyone who is interested in learning more about how the State of California can incorporate forward-looking climate science into infrastructure planning and design. We will host webinars every 2-3 weeks over the next 6 months. We update the [Working Group site](#) with past webinar recordings and as more webinars are added.

### **About AB2800 (Quirk) Climate change: infrastructure planning.**

This bill, until July 1, 2020, would require state agencies to take into account the current and future impacts of climate change when planning, designing, building, operating, maintaining, and investing in state infrastructure. The bill, by July 1, 2017, and until July 1, 2020, would require the agency to establish a Climate-Safe Infrastructure Working Group for the purpose of examining how to integrate scientific data concerning projected climate change impacts into state infrastructure engineering, as prescribed. The bill would require the working group to consist of registered professional engineers with specified relevant expertise from the Department of Transportation, the Department of Water Resources, the Department of General Services, and other relevant state agencies; scientists with specified expertise from the University of California, the California State University, and other institutions; and licensed architects with specified relevant experience. The bill would require the working group, by July 1, 2018, to make specified recommendations to the Legislature and the Strategic Growth Council.