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## Webinar Series, Speakers and Resources

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**January 25, 2018**

***Inaugural Webinar: Setting the Standards and Context: Federal to Local Roles***

Mike Sanio, Director of Sustainability, American Society of Civil Engineers  
Kathryn Wright, Senior Associate, Meister Consultants Group/Cadmus Group  
Peter Adams, Senior Policy Advisor, NYC Mayor's Office of Recovery and Resiliency

**February 22, 2018**

***Webinar 2: Forward-Looking Climate Science for Use in Infrastructure Engineering: Possibilities and Limits***

Dan Cayan, Ph.D., Researcher, Climate-Safe Infrastructure Working Group Member,  
Scripps Institution of Oceanography  
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

**March 21, 2018**

***Webinar 3: Mobilizing the Future: Infrastructure Challenges and Opportunities in the Transportation Sector***

Gurdeep Bhattal, P.E., CalTrans, Climate-Safe Infrastructure Working Group Member  
James Deane, AIA, CDT, LEED AP, PMP High-Speed Rail Authority, Climate-Safe Infrastructure Working Group Member  
Cris Liban, Ph.D., P.E., ENV SP, LA Metro, Climate-Safe Infrastructure Working Group Member

**March 22, 2018**

***Webinar 4: Rushing toward the Future: Infrastructure Challenges and Opportunities in the Water Sector***

Kate White, Ph.D., P.E., Lead, Climate Preparedness and Resilience Community of Practice, US Army Corps of Engineers  
Amir Aghakouchak, Ph.D., P.E., University of California, Irvine, Climate-Safe Infrastructure Working Group Member  
Andrew Schwarz, P.E., California Department of Water Resources

**April 6, 2018**

***Webinar 5: Green Infrastructure: Design and Integration for Climate-Safe Communities***

Maya Hayden, Ph.D., Coastal Adaptation Program Leader, Point Blue  
Jeff Odefey, Director, Stormwater Program, American Rivers  
Tina Hodges, Sustainable Highways Initiative, US Department of Transportation, Federal Highway Administration

**April 10, 2018**

***Webinar 6: Governing Infrastructure: How Regulations, Standards, Codes and Guidelines Are Set and Changed***

J. Alfredo Gomez, Director, Natural Resources and Environment Team, US Government Accountability Office  
Stephen A. Cauffman, Community Resilience Group, National Institute of Standards and Technology  
Ira Feldman, GHGMI Adaptation Leader; Adaptation Coordinator, ISO; President & Senior Counsel, Greentrack Strategies; Founder, Climate Adaptation Scholars™

**April 18, 2018**

***Webinar 7: Energizing the Future: Challenges & Opportunities in the Building/Energy Sector***

Nancy Ander, P.E., California Department of General Services, Climate-Safe Infrastructure Working Group Member  
Tom Wells, FAIA, Principal Architect, California Department of General Services  
Guido Franco, P.E., Technical Lead, Climate Change Research/Senior Engineer, California Energy Commission, Climate Safe Infrastructure Project Team  
Martha Brook, P.E., CA Energy Commission, Climate-Safe Infrastructure Working Group Member  
Kristin Heinemeier, Ph.D., P.E., Realized Energy, Climate-Safe Infrastructure Working Group Member

**May 15, 2018**

***Webinar 8: Building the Future: Challenges & Opportunities in the Building Sector***

Chester Widom, FAIA, California State Architect, California Department General Service, Climate-Safe Infrastructure Working Group Member  
Jennifer Goldsmith-Grinspoon, Physical Scientist, Building Science Branch, Risk Management Directorate of Federal Emergency Management Agency  
Leslie Chapman-Henderson, President and CEO, Federal Alliance for Safe Homes (FLASH)

**May 17, 2018**

***Webinar 9: Financing Climate-Safe Infrastructure I***

Andreas Georgoulis, Ph.D., Research Director, Zofnass Program for Sustainable Infrastructure, Harvard University  
Shalini Vajjhala, Founder & CEO, re:focus partners  
David Dodd, CECd, FM, Chairman & President, International Resilience Center

**May 29, 2018**

***Webinar 10: Financing Climate-Safe Infrastructure II***

John Cleveland, Executive Director, Boston Green Ribbon Commission and Innovation Network for Communities  
Vladimir Antikarov, Principal, The Vereia Group  
Karl Schultz, Founder and Executive Chairman, Higher Ground Foundation

**May 30, 2018**

***Webinar 11: Building a Climate-Safe Future for All: Social Equity and Inclusion in Infrastructure Planning***

Deborah Moore, Western States Senior Campaign Manager, Union of Concerned Scientists  
Chione Flegal, Senior Director, PolicyLink  
Katie Grace Deane, Associate Director of Research and Field Development, Center for Community Investment, Lincoln Institute of Land Policy

**June 6, 2018**

***Webinar 12: Enabling Scientists and Engineers to Work Together Effectively***

Richard Moss, Senior Visiting Scientist, Columbia University  
Susi Moser, Ph.D., Director, Susanne Moser Research & Consulting, Co-Facilitator of the Climate-Safe Infrastructure Working Group  
Alex Wilson, President, Resilient Design Institute & CEO, BuildingGreen, Inc.

**June 8, 2018**

**Webinar 13: Tools Supporting Climate-Safe Infrastructure Design**

David Groves, Ph.D., RAND Water and Climate Resilience, Pardee Rand Graduate School, Climate-Safe Infrastructure Working Group Member

Wes Sullens, Director for Building Codes Technical Development, US Green Building Council

Kristin Baja, Climate Resilience Officer, Urban Sustainability Directors Network

**June 11, 2018**

**Webinar 14: Monitoring Infrastructure Performance**

Jennifer Jurado, Ph.D., Chief Resilience Officer, Division Director, Broward County

Peter Murdoch, Ph.D., Regional Science Advisor, U.S. Geological Survey Northeast Region

Andreas Georgoulis, Ph.D., Research Director, Zofnass Program for Sustainable Infrastructure, Harvard University

**June 28, 2018**

**Webinar 15: Financing Climate-Safe Infrastructure III**

Caitlin MacLean, Senior Director of Innovative Finance, Milken Institute

Brad Benson, Director of Special Projects, Port of San Francisco

Joyce Coffee, Founder and President, Climate Resilience Consulting

**July 12, 2018**

**Webinar 16: Communicating Climate Change – Reaching Skeptical Audiences**

Cara Pike, Director, Climate Access

Edward Maibach, MPH, Ph.D., Center for Climate Change Communication, George Mason University

Colin Wellenkamp, Esq., LLM, Executive Director, Mississippi River Cities and Towns Initiative

**August 23, 2018**

**Capstone Webinar: The Findings and Recommendations of the CSIWG**

Secretary John Laird, Natural Resources Agency

Jamesine Rogers Gibson, Senior Analyst, Union of Concerned Scientists

Working Group Members:

Nancy Ander, P.E.

John Andrew, P.E.

Gurdeep Bhattal, P.E.

Martha Brook, P.E.

James Deane, A.I.A., C.D.T., LEED AP, P.M.P.,

Noah Diffenbaugh, Ph.D.

Cris Liban, P.E., ENV SP, Ph.D.

Susi Moser, Ph.D., Principal Researcher, Susanne Moser Research & Consulting; Co-facilitator of the Climate-Safe Infrastructure Working Group

Juliette Finzi Hart, Ph.D., Oceanographer, U.S. Geological Survey; Co-facilitator of the Climate-Safe Infrastructure Working Group

Webinar Details	Tool	Report	Other Resource
<b>January 25, 2018</b> Setting the Standards and Context Michael Sanio		<a href="#">Adapting Infrastructure and Civil Engineering Practice to a Changing Climate; Committee on Adaptation to a Changing Climate; Edited by J. Rolf Olsen, Ph.D</a>	
<b>January 25, 2018</b> Setting the Standards and Context Kathryn Wright		<a href="#">Voluntary Resilience Standards for Boston</a>	
<b>January 25, 2018</b> Setting the Standards and Context Kathryn Wright	<a href="#">Envision: Rating System for Sustainable Infrastructure</a>		
<b>January 25, 2018</b> Setting the Standards and Context Kathryn Wright	<a href="#">PEER Performance Excellence in Electricity Renewal</a>		
<b>January 25, 2018</b> Setting the Standards and Context Kathryn Wright	<a href="#">RELi Resiliency Action List</a>		
<b>January 25, 2018</b> Setting the Standards and Context Peter Adams	<a href="#">Preliminary Climate Resiliency Design Guidelines</a>		
<b>February 22, 2018</b> Possibilities and Limits Patrick Barnard	<a href="#">USGS Coastal Storm Modeling System</a>		
<b>February 22, 2018</b> Possibilities and Limits Patrick Barnard	<a href="#">USGS Hazard Exposure Reporting &amp; Analytics</a>		
<b>February 22, 2018</b> Possibilities and Limits Patrick Barnard	<a href="#">UGSS CoSMoS-Coast, Coastal One-Line Assimilated Simulation Tool</a>		
<b>February 22, 2018</b> Possibilities and Limits Nicolas Luco		<a href="#">Induced Seismicity in Groningen: Assessment of Hazard, Building Damage and Risk</a>	

Webinar Details	Tool	Report	Resource
<p>March 21, 2018 Mobilizing the Future Cris Liban</p>		<p><a href="#">Resilience Indicator Framework</a></p>	
<p>March 21, 2018 Mobilizing the Future Cris Liban</p>		<p><a href="#">Building Resilience Los Angeles: A Primer for Facilities</a></p>	
<p>March 21, 2018 Mobilizing the Future Cris Liban</p>		<p><a href="#">TCRP A-41 Improving the Resiliency of Transit Systems Threatened by Natural Disasters</a></p>	
<p>March 21, 2018 Mobilizing the Future Cris Liban</p>		<p><a href="#">NCHRP SP20-101 Framework for Analyzing the Costs and Benefits of Adaptation Measures in Preparation for Extreme Weather Events and Climate Change</a></p>	
<p>March 22, 2018 Rushing Toward the Future Amir AghaKouchak</p>		<p><a href="#">Compounding Effects of Sea Level Rise and Fluvial Flooding</a></p>	
<p>March 22, 2018 Rushing Toward the Future Amir AghaKouchak</p>		<p><a href="#">Quantifying Changes in Future Intensity-Duration-Frequency Curves Using Multi-Model Ensemble Simulations</a></p>	
<p>April 6, 2018 Mobilizing the Future Maya Hayden</p>		<p><a href="#">Case Studies of Natural Shoreline Infrastructure in Coastal California</a></p>	
<p>April 6, 2018 Mobilizing the Future Maya Hayden</p>		<p><a href="#">Technical Report: California's Fourth Climate Change Assessment, California Natural Resources Agency. Publication number: CNRA-CCC4A-2018-3B</a></p>	

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April 6, 2018 Mobilizing the Future Jeffrey Odefey		<a href="#">Natural Security: How Sustainable Water Strategies are Preparing Communities for a Changing Climate</a>	
April 6, 2018 Mobilizing the Future Jeffrey Odefey		<a href="#">Naturally Stronger: How Natural Water Infrastructure Can Save Money and Improve Lives</a>	
April 6, 2018 Mobilizing the Future Tina Hodges			<a href="#">FHWA Resilience Website</a>
April 6, 2018 Mobilizing the Future Tina Hodges		<a href="#">Vulnerability Assessment and Adaptation Framework</a>	
April 6, 2018 Mobilizing the Future Tina Hodges		<a href="#">Engineering Guidance HEC 25</a>	
April 6, 2018 Mobilizing the Future Tina Hodges		<a href="#">Engineering Guidance HEC 17</a>	
April 6, 2018 Mobilizing the Future Tina Hodges		<a href="#">Synthesis of Approaches for Addressing Resilience in Project Development</a>	
April 6, 2018 Mobilizing the Future Tina Hodges	<a href="#">FHWA Climate Change Adaptation Guide: For Transportation Systems Management, Operations, and Maintenance</a>		
April 6, 2018 Mobilizing the Future Tina Hodges		<a href="#">Nature-based Resilience for Coastal Highways</a>	
April 6, 2018 Mobilizing the Future Tina Hodges			<a href="#">FHWA Research Library</a>

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<p>April 10, 2018 Governing Infrastructure Alfredo Gomez</p>		<p><a href="#">GAO-13-283 Limiting the Federal Government's Fiscal Exposure by Better Managing Climate Change Risks</a></p>	
<p>April 10, 2018 Governing Infrastructure Alfredo Gomez</p>		<p><a href="#">GAO -17-317 Progress on Many High-Risk Areas, While Substantial Efforts Needed on Others</a></p>	
<p>April 10, 2018 Governing Infrastructure Alfredo Gomez</p>		<p><a href="#">GAO-16-37 A National System Could Help Federal, State, Local, and Private Sector Decision Makers Use Climate Information</a></p>	
<p>April 10, 2018 Governing Infrastructure Alfredo Gomez</p>		<p><a href="#">GAO-17-3 Improved Federal Coordination Could Facilitate Use of Forward-Looking Climate Information in Design Standards, Building Codes, and Certifications</a></p>	
<p>April 10, 2018 Governing Infrastructure Alfredo Gomez</p>		<p><a href="#">GAO-13-242 Future Federal Adaptation Efforts Could Better Support Local Infrastructure Decision Makers</a></p>	
<p>April 10, 2018 Governing Infrastructure Alfredo Gomez</p>		<p><a href="#">GAO-18-206 DOD Needs to Better Incorporate Adaptation into Planning and Collaboration at Overseas Installations</a></p>	
<p>April 10, 2018 Governing Infrastructure Alfredo Gomez</p>		<p><a href="#">GAO-14-446 DOD Can Improve Infrastructure Planning and Processes to Better Account for Potential Impacts</a></p>	
<p>April 10, 2018 Governing Infrastructure Stephen Cauffman</p>			<p><a href="#">NIST Website</a></p>
<p>April 10, 2018 Governing Infrastructure Stephen Cauffman</p>	<p><a href="#">NIST Community Resilience Planning Guide for Buildings and Infrastructure Systems I, II</a></p>		

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April 10, 2018 Governing Infrastructure Stephen Cauffman	<a href="#">The Economic Decision Guide Software (EDGE\$) Tool</a>		
April 18, 2018 Energizing the Future Nancy Ander	<a href="#">CalAdapt Climate Adaptation Tools</a>		
April 18, 2018 Energizing the Future Nancy Ander	<a href="#">CalEnviroScreen</a>		
April 18, 2018 Energizing the Future Kristin Heinemeier	<a href="#">Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems</a>		
May 15, 2018 Energizing the Future Chet Widom			<a href="#">7X7X7 Design Energy Water</a>
May 15, 2018 Energizing the Future Jennifer Goldsmith-Grinspoon		<a href="#">Natural Hazard Mitigation Saves: 2017 Interim Report</a>	
May 17, 2018 Infrastructure Financing I Andreas Georgoulas	<a href="#">Zofnass Economic Tool</a>		
May 17, 2018 Infrastructure Financing I Shalini Vajjhala	<a href="#">Leveraging Catastrophe Bonds as a Mechanism for Resilient Infrastructure Project Finance</a>		
May 17, 2018 Infrastructure Financing I Shalini Vajjhala	<a href="#">A Guide for Public-Sector Resilience Bond Sponsorship</a>		
May 17, 2018 Infrastructure Financing I David Dodd	<a href="#">Resilient Infrastructure Public-Private Partnerships (PPPs): Contracts and Procurement The Case of Japan</a>		



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<p>May 29, 2018 Infrastructure Financing II Vlad Antikarov</p>	<p><a href="#">Vulnerability Reduction Credit (VRC) Standard Framework</a></p>		
<p>May 29, 2018 Infrastructure Financing II Karl Schultz</p>	<p><a href="#">Pilot Implementation and Partnership Phase (PIPP)</a></p>		
<p>May 30, 2018 Infrastructure Financing II Chione Flegal</p>		<p><a href="#">Pathways to Resilience: Transforming Cities in a Changing Climate</a></p>	
<p>May 30, 2018 Infrastructure Financing II Chione Flegal</p>	<p><a href="#">Racial Equity Impact Assessments</a></p>		
<p>May 30, 2018 Infrastructure Financing II Chione Flegal</p>	<p><a href="#">All in Cities Toolkit</a></p>		
<p>May 30, 2018 Infrastructure Financing II Chione Flegal</p>	<p><a href="#">National Equity Atlas</a></p>		
<p>May 30, 2018 Infrastructure Financing II Chione Flegal</p>	<p><a href="#">Inclusive Procurement and Contracting</a></p>		
<p>May 30, 2018 Infrastructure Financing II Chione Flegal</p>			<p><a href="#">PolicyLink Perspectives (Blog and Newsletter)</a></p>
<p>May 30, 2018 Infrastructure Financing II Katie Grace Deane</p>		<p><a href="#">Taking the High Road to More and Better Infrastructure in the United States. NRDC 16-06-A</a></p>	

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<p>June 6, 2018 Enabling Scientists and Engineers Richard Moss</p>		<p><a href="#">IPCC Reports</a></p>	
<p>June 6, 2018 Enabling Scientists and Engineers Richard Moss</p>		<p><a href="#">Preparing the Nation for Climate Change: Building a National Climate Change Assessment</a></p>	
<p>June 6, 2018 Enabling Scientists and Engineers Susi Moser</p>		<p><a href="#">Climate Change Educational Partnership: Climate Change, Engineered Systems, and Society</a></p>	
<p>June 6, 2018 Enabling Scientists and Engineers Alex Wilson</p>		<p><a href="#">The New Orleans Principles: Celebrating the Rich History of New Orleans through Commitment to a Sustainable Future</a></p>	
<p>June 8, 2018 Tools Supporting CSI Design David Groves</p>		<p><a href="#">Informing Decisions in a Changing Climate 2009</a></p>	
<p>June 8, 2018 Tools Supporting CSI Design Wes Sullens</p>		<p><a href="#">Green Building and Climate Resilience: Understanding Impacts and Preparing for Changing Conditions</a></p>	
<p>June 8, 2018 Tools Supporting CSI Design Wes Sullens</p>	<p><a href="#">LEED Climate Resilience Screening Tool</a></p>		
<p>June 8, 2018 Tools Supporting CSI Design Wes Sullens</p>		<p><a href="#">Profiles of Resilience: LEED in Practice</a></p>	
<p>June 8, 2018 Tools Supporting CSI Design Wes Sullens</p>			<p><a href="#">2018: LEED Recognition for California Projects</a></p>

Webinar Details	Tools	Report	Resource
June 11, 2018 Monitoring Infrastructure Performance Jennifer Jurado		<a href="#">Unified Sea Level Rise Projection: Southeast Florida</a>	
June 11, 2018 Monitoring Infrastructure Performance Jennifer Jurado		<a href="#">Southeast Florida Regional Climate Change Compact</a>	
June 11, 2018 Monitoring Infrastructure Performance Peter Murdoch			<a href="#">Projects designed to provide ecosystem and community resilience to flooding, storm surge, SLR and increased storm events</a>
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee		<a href="#">Climate Adaptation and Liability: A Legal Primer and Workshop Summary Report</a>	
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee			<a href="#">6 Steps for Building a “Sweet Spot” Where Social and Financial Equity Meet</a>
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee			<a href="#">Paying for Resilience: Market Drivers and Financial Means</a>
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee			<a href="#">Who Owns the Physical Risks from Climate Change? (And What One Move Can Make It Less Risky?)</a>
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee			<a href="#">Climate Disasters Hurt the Poor the Most. Here’s What We Can Do About It.</a>
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee			<a href="#">10 Tips for a National Infrastructure Bank that Furthers Resilience Investments</a>
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee			<a href="#">The Next Era of Market Finance for Resilience</a>

Webinar Details	Tools	Report	Resource
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee			<a href="#">Credit Rating Agencies Assess the Physical Risks of Climate Change</a>
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee		<a href="#">Resilient by Design Finance Guide</a>	
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee	<a href="#">Smart Cities Council Financing Guide</a>		
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee	<a href="#">PWC Investor Ready Cities</a>		
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee		<a href="#">UMB Financing Climate Resilience</a>	
June 28, 2018 Financing Climate-Safe Infrastructure III Joyce Coffee	<a href="#">EEA Financing Urban Adaptation</a>		
July 12, 2018 Communicating Climate Change Cara Pike			<a href="#">Communication and Engagement Resources at Climate Access</a>
July 12, 2018 Communicating Climate Change Ed Maibach		<a href="#">Global Warming's Six Americas</a>	