3 Webinar Series, Speakers and Resources

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 Managment Agency
Leslie Chapman-Henderson, President and CEO, Federal Alliance for Safe Homes (FLASH)

May 17, 2018
Webinar 9: Financing Climate-Safe Infrastructure I
Andreas Georgoulias, 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 Verea 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 Georgoulias, 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
January 25, 2018 Setting the Standards and Context Michael Sanio		Adapting Infrastructure and Civil Engineering Practice to a Changing Climate; Committee on Adaptation to a Changing Climate; Edited by J. Rolf Olsen, Ph.D	.
January 25, 2018 Setting the Standards and Context Kathryn Wright		Voluntary Resilience Standards for Boston	
January 25, 2018 Setting the Standards and Context Kathryn Wright	Envision: Rating System for Sustainable Infrastructure		
January 25, 2018 Setting the Standards and Context Kathryn Wright	PEER Performance Excellence in Electricity Renewal		
January 25, 2018 Setting the Standards and Context Kathryn Wright	RELi Resiliency Action List		
January 25, 2018 Setting the Standards and Context Peter Adams	*Preliminary* Climate Resiliency Design Guidelines		
February 22, 2018 Possibilities and Limits Patrick Barnard	USGS Coastal Storm Modeling System		
February 22, 2018 Possibilities and Limits Patrick Barnard	USGS Hazard Exposure Reporting & Analytics		
February 22, 2018 Possibilities and Limits Patrick Barnard	UGSS CoSMoS-Coast, Coastal One-Line Assimilated Simulation Tool		
February 22, 2018 Possibilities and Limits Nicolas Luco		Induced Seismicity in Groningen: Assessment of Hazard, Building Damage and Risk	

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

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

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

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

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

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

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

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