

Climate Change Concepts, Science and Impacts - Webinars

1. **Title: Assessing Vulnerability of water conveyance infrastructure from a changing Climate in the context of a changing Landscape. Security and Sustainability Forum.** Nielson, I., & Simpson, M. (2014, November 13).

Description: This webinar presents results from NOAA and US EPA funded research from 2007 through 2013, in the context of rural, the peri-urban and urban watersheds in New England and the upper Midwest. This research examined the hydrologic impact of climate change and land use scenarios on existing water conveyance infrastructure. The built infrastructure in the watersheds were assessed and mapped in order to generate multiple build-out analyses for the watersheds using current land use regulations. Vulnerable infrastructure was identified and a marginal cost analysis was completed for alternative actions of response. Participants will learn how these studies informed community resilience that increased stakeholder capacity at the local level in adapting to change. Retrieved from <http://securityandsustainabilityforum.org/november-13-assessing-vulnerability-of-water-conveyance-infrastructure-from-a-changing-climate-in-the-context-of-a-changing-landscape-noon-to-115-pm-et-5696>

2. **Title: New Climate metrics: The Case for New Climate Change metrics. Security and Sustainability Forum.** Karsell, B. (2014).

Description: Often overlooked in the dialogue about how to combat climate change, yet vital to this discussion, are the metrics used for climate accounting. Relevant for the discussions at the Conference in Paris of the Parties to the UN Framework Convention on Climate Change, these climate metrics lie at the heart of treaty negotiations, government policies, carbon registries, and corporate goal-setting. They are the basis for evaluating how billions of dollars are invested for carbon offsets and mitigation efforts.

Retrieved from <http://securityandsustainabilityforum.org/new-climate-metrics-the-case-for-new-climate-change-metrics-5593>

3. **Title: Tribal Sovereignty and Climate Change for Alaska Natives. Alaska Center for Climate Assessment and Policy.** Kronk, E. (2016, January 19).

Description: Presentation on tribally specific tools and resources regarding how tribal governments can effectively manage natural resources, encourage the federal government to recognize its trust responsibility to the Villages and protect the environment consistent with the cultural and traditional needs of such tribes and villages.

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<https://accap.uaf.edu/sites/default/files/Kronk%20Warner%20ACCAP%20Presentation%20%28January%202016%29.pdf>