

**U.S. General Services Administration (GSA)
Office of Federal High-Performance Green Buildings**

**Discussion Preparation for Green Building Advisory Committee Meeting
May 1, 2013**

Topic:

GSA Climate Change Adaptation Plan

Background:

Federal agencies are required by Executive Order 13514 to develop climate change adaptation plans. Please review GSA's plan, released June 2012, available at <http://www.gsa.gov/portal/content/124155>, particularly the Fiscal Year 2013 actions described on page 8-9 (document provided in the meeting materials).

Additional materials required to provide context to this discussion include the following:

- Climate Literacy: The Essential Principles of Climate Sciences: <http://downloads.climate-science.gov/Literacy/Climate%20Literacy%20Booklet%20Low-Res.pdf> (document provided in the meeting materials).
- Federal Climate Change Adaptation Task Force: a description of the federal climate change adaptation effort: <http://www.whitehouse.gov/administration/eop/ceq/initiatives/adaptation>

Other materials that are not required for the discussion, but would be useful to skim, include:

- Other agency Sustainability Plans, which contain their Climate Change Adaptation Plans as an Appendix, are available at: <http://sustainability.performance.gov>
- The U.S. Global Change Research Program (USGCRP) 2009 Assessment, which was used by GSA to conduct its first high level vulnerability assessment, and its draft 2013 Assessment, which will be used by GSA to conduct its next assessment, are available at: <http://www.globalchange.gov/resources/reports>
- Digital Coast: NOAA Sea Level Rise and Coastal Flooding Impacts Viewer is another resource that GSA will use for its next high level vulnerability assessment: <http://www.csc.noaa.gov/digitalcoast/tools/slrviewer>

KEY QUESTIONS FOR DISCUSSION

- 1) Has your organization worked to incorporate incremental climate change impacts or climate resiliency into your building design and operations planning? If so, what insights do you have to share for GSA's climate change adaptation planning

efforts? If not, how do you intend to do so?

2) What do you see as the major liabilities and opportunities for the architectural and engineering professions, real property management, standards developers, building rating systems developers and code making authorities to address incremental climate change adaptation?

3) Beyond risk management, what insights do you have to help assign value to implement climate protection levels for adapting the built environment or to monetize cost avoidance in adapting to climate change risks?