



**To: Bay Area UASI Approval Authority**

**From: Arrietta Chakos, Policy Advisor, Association of Bay Area Governments (ABAG)**

**Date: May 11, 2017**

**Re: Item 5: HayWired Project Brief**

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**Action or Discussion Items:**

Discussion, Possible Action

**Background:**

The “HayWired” project is currently developing an earthquake scenario for the Bay Area. Since 2014, the project, led by the United States Geological Survey (USGS), has been modeling and studying impacts on the San Francisco Bay Area as a result of a magnitude 7.1 earthquake on the Hayward fault.

The study builds upon understanding of the last large earthquake to occur on the Hayward fault in 1868, using the realization that modern urban infrastructures are made vulnerable by multiple layers of interdependencies between lifelines, with a major reliance on the Internet. This scenario also considers impacts from a sequence of aftershocks following the main earthquake – an aspect often overlooked, but an important component of the physical and emotional damage associated with large earthquakes extending into the days and months following.

**Discussion:**

A five minute video presentation on the HayWired scenario will be provided by Arrietta Chakos, from the Association of Bay Area Governments. Regional coordination opportunities with the HayWired project will be discussed.