

From: [REDACTED]
Sent: Sunday, July 26, 2015 9:36 AM
Subject: latest sea level rise report 50' in next 100 years a

Dear Governor Ige,

You are an engineer, you should be able to understand the difference between facts, politics and greed. Despite the fact that you look to Japan for inspiration (your recent trips and support for Japanese technology here), it is a fact that the Europeans are light years ahead of us in renewable technology and planning. We should be looking there instead of Asia. Asians are only interested in money. The Koreans and Japanese have no natural resources to protect. Chinese are the biggest polluters, they want to be just like Americans. Euro's tend to look at the environment first, after all they have had more time to see what greed, war and environmental degradation (look at Greece) can bring on people and the land that we must live on. **We should follow the Euro model, not the Asian or North American.**

The lengthy, ambitious, and already [contested](#) paper by longtime NASA climate scientist James Hansen and 16 colleagues [appeared online Thursday](#) in Atmospheric Chemistry and Physics Discussion, an open-access journal published by the European Geosciences Union.

Conclusions summary:

"Humanity faces near certainty of eventual sea level rise of at least Eemian proportions, 30-50 feet (in the next 100 years), if fossil fuel emissions continue on a business-as-usual course, e.g., It is unlikely that coastal cities or low-lying areas such as Bangladesh, European lowlands, and large portions of the United States eastern coast and northeast China plains could be protected against such large sea level rise. **Rapid large sea level rise may begin sooner than generally assumed.** Storms conjoin with sea level rise to cause the most devastating coastal damage

Effects of freshwater injection and resulting ocean stratification are occurring sooner in the real world than in our model. There are many other practical impacts of continued high fossil fuel emissions via climate change and ocean acidification, including irreplaceable loss of many species. We conclude that the 2 °C global warming "guardrail", affirmed in the Copenhagen Accord (2009), does not provide safety, as such warming would likely yield sea level

rise of several meters along with numerous other severely disruptive consequences for human society and ecosystems.

The message that the climate science delivers to policymakers, instead of defining a safe “guardrail”, is that fossil fuel CO2 emissions must be reduced as rapidly as practical. It is also clear that continued high emissions are likely to lock-in continued global energy imbalance, ocean warming, ice sheet disintegration, and large sea level rise, which young people and future generations would not be able to avoid. Given the inertia of the climate and energy systems, and the grave threat posed by continued high emissions, the matter is urgent and calls for emergency cooperation among nations.”

Hawaii is an ant on the elephant. We cannot stop it. We can only prepare. More coastal development, sucking up our fresh water is not preparing.

