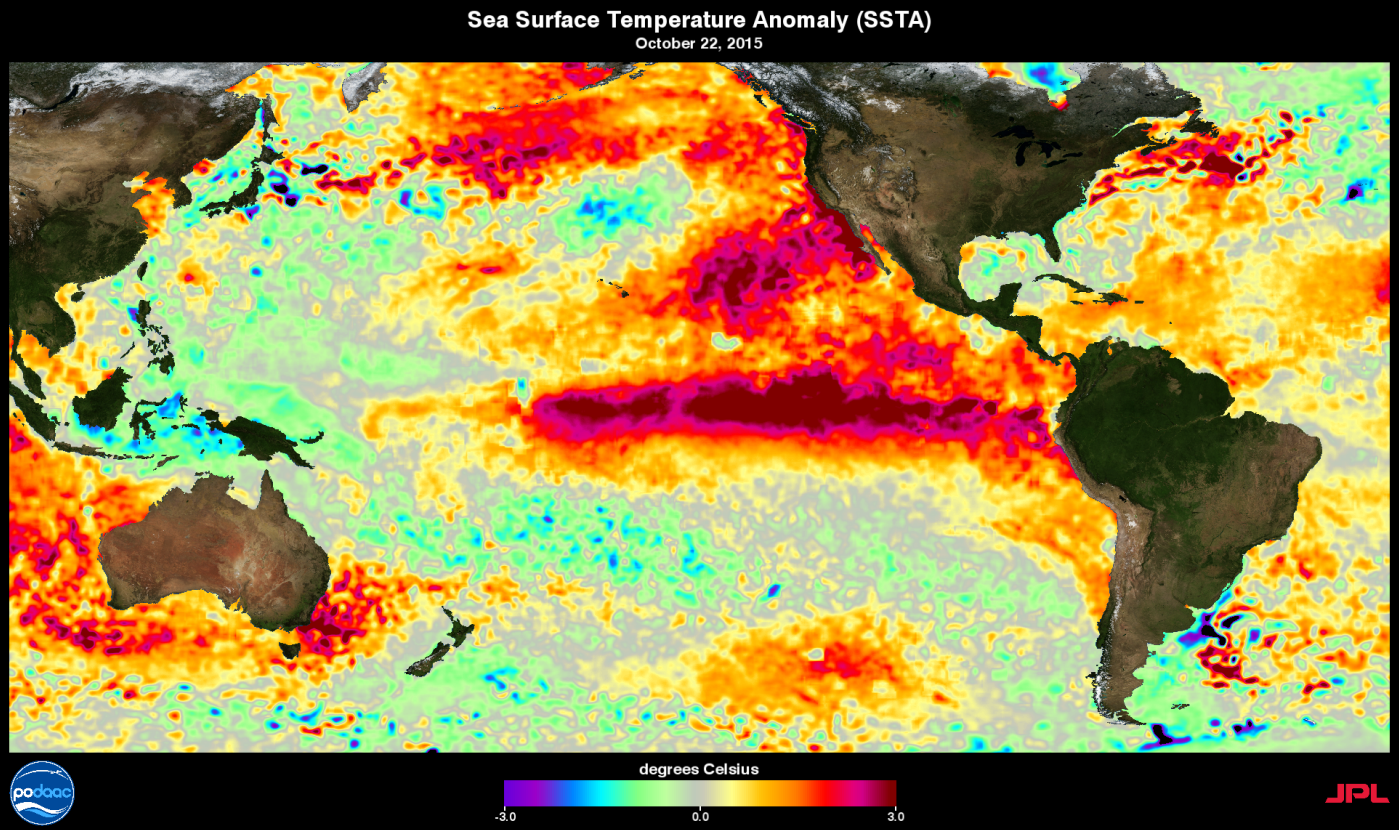
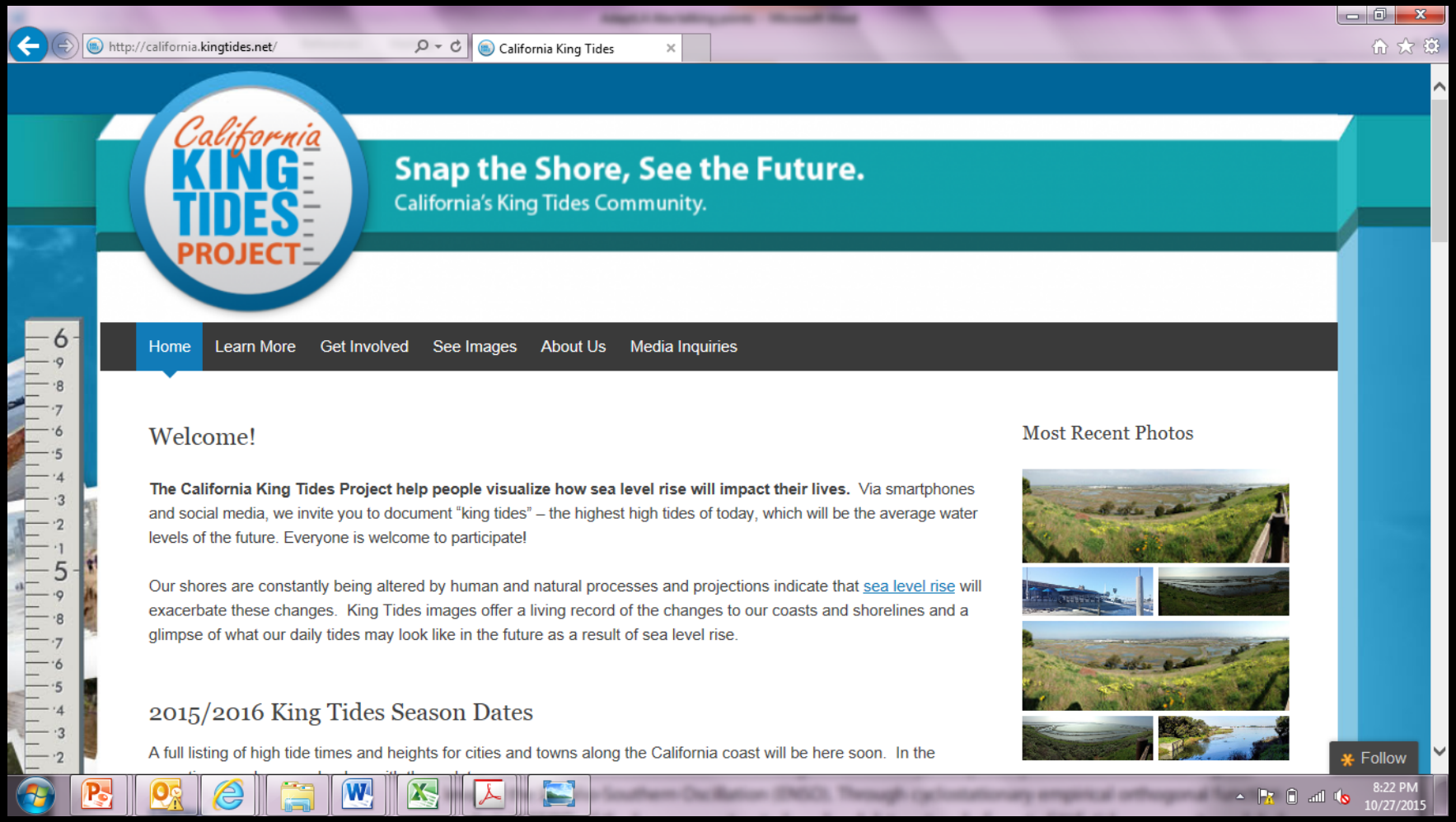
El Nino and Coastal Preparedness

Abe Doherty, Climate Change Policy Advisor,
CA Ocean Protection Council



California King Tides Project



Marine Stadium, Long Beach (credit: kducklow)

Malibu Homes (credit: LA Waterkeeper)

Malibu Home (credit: LA Waterkeeper)

Executive Order B-30-15

- State agencies' planning and investment shall be guided by the following principles:
  -Priority should be given to actions that both build climate preparedness and reduce greenhouse gas emissions;
  -Where possible, flexible and adaptive approaches should be taken to prepare for uncertain climate impacts;
  -Actions should protect the state's most vulnerable populations; and
  -Natural infrastructure solutions should be prioritized.

Enhanced Infrastructure Financing Districts (AB 313, SB 628)

- Broad new authority allows cities, counties and special districts to easily form public financing authorities.
- EIFD can be created quickly – they just need entities to pass a resolution at a publicly noticed meeting and appoint a public financing authority.
- Use variety of financing streams, including tax increment revenue.

Safeguarding California Implementation Action Plans

- http://resources.ca.gov/climate/safeguarding/
- Comments due November 30, 2015

Fall 2015: Implementation Plans → June 2016: Implementation Reports → January 2017: Safeguarding Update- Public Draft → July 2017: Safeguarding Update- Final Draft

Agriculture

Energy

Forests

Emergency Management

Biodiversity

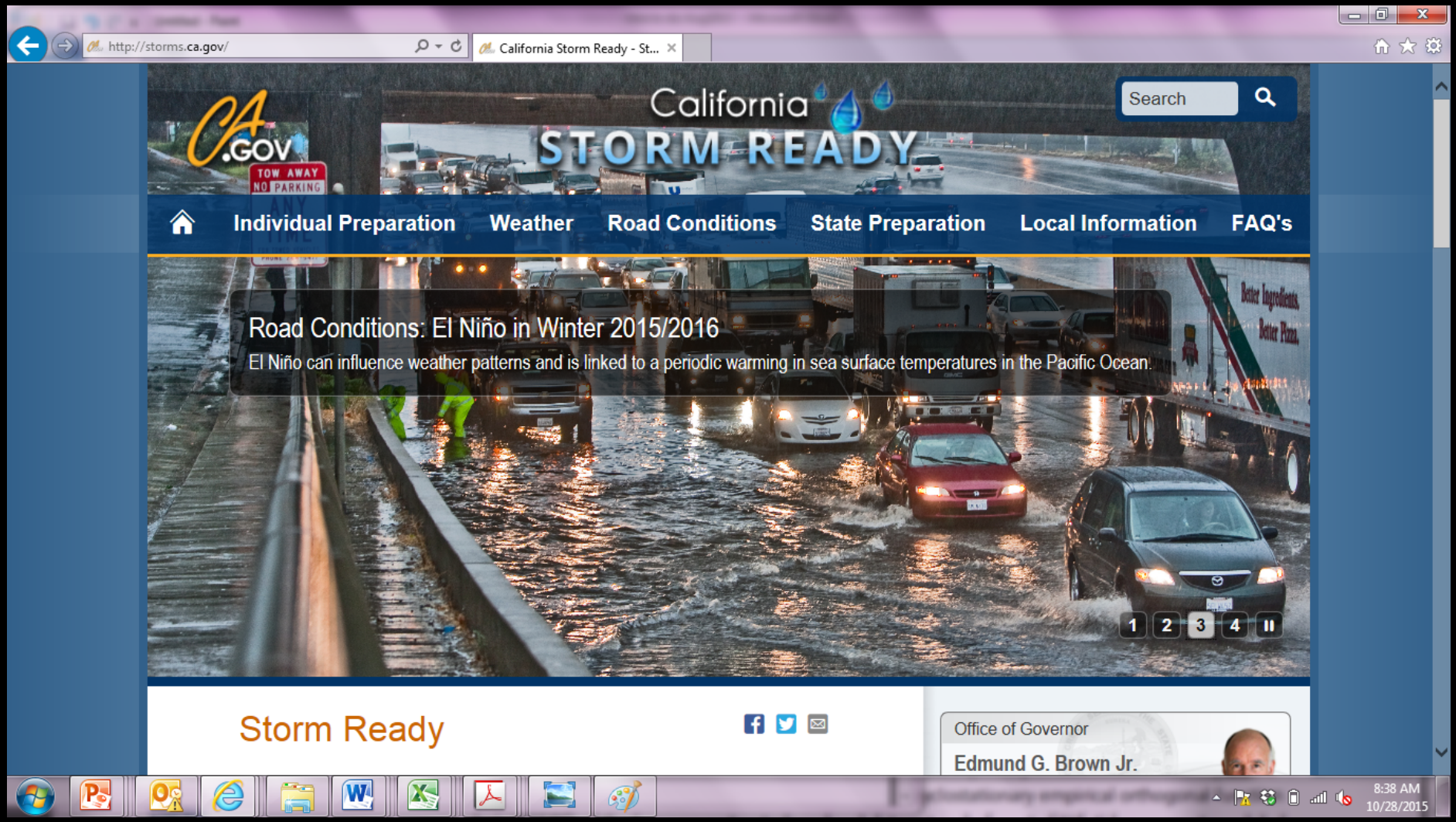
Water

Public Health

Oceans & Coasts

Transportation

www.storms.ca.gov



http://test3.wss.otech.ca.gov/individual-preparation/ | Amtrak - Experience - Onboar... | Individual Preparation - Cali...

Individual Preparation

Are you at Risk of Flooding?

- California Flood Preparedness: This website provides information about the types of flooding and floodplains in California, suggests for ways to prepare for flooding, and ways to take action.
- CalOES MyHazards Tool: MyHazards is a tool for the general public to discover hazards in their area (earthquake, flood, fire, and tsunami) and learn steps to reduce personal risk. Using the MyHazards tool, users may enter an address, city, zip code, or may select a location from a map.
- Ready.gov: Actions to Take during Flood Watch or Warning: This page explains what actions to take when you receive a flood watch or warning alert from the National Weather Service for your local area and what to do before, during, and after a flood.
- NOAA Weather-Ready Nation: This initiative focuses on support management of the nation's water supply, understanding of climate-related risks, economic productivity, healthy communities

Resources

- Emergency Kits (.pdf)
- Family Emergency Plan (.pdf)

Videos

Understanding Risks:

- "Where Flood Waters Flow" (Northern California and Southern California): Describes the power of floods, the risks associated with them, and the flood system.
- Flood Fighting Methods: A comprehensive training in flood fighting methods.
- "Do you know your flood risk?": Risks of floods for you and your community.
- "Central Valley Flood Risk": Risks of floods for you and your community in the

8:45 AM
10/28/2015

http://test3.wss.otech.ca.gov/state-preparation/

Amtrak - Experience - Onboar... | State Preparation - Californi...

State Preparation

Emergency Planning and Operations

- State of California Emergency Plan & Emergency Functions: The 2009 State of California Emergency Plan established the California Emergency Functions which consist of 18 disciplines deemed essential to the emergency management community in California.
- Lessons Learned from Past El Niño and Flooding Events: In response to the 1997 floods in California, the Governor formed the Flood Emergency Action Team (FEAT) to provide specific recommendations to increase California's ability to respond to future flood events.
- Caltrans' Winter Preparedness: Winter is Coming (.pdf)
- Transportation Management and Emergency Operation Centers: In case of a major emergency, Caltrans districts would activate and staff Centers to provide adequate supplies, such as generator fuel and long storage food, and information to the media and public.
- The Caltrans Auxiliary Radio System (CARS): In case of a major emergency, the purpose of the CARS network is to support Caltrans' emergency plans and to provide support and emergency communications, particularly during times of catastrophic emergencies when normal communication systems are damaged, disrupted or overloaded.
- California Conservation Corps (CCC) -- Flood and Winter Storm Preparedness: The CCC has been fighting floods since the Corps was created in 1976, with corps members being dispatched to nearly every major flood since the Corps' inception.

Risk Reduction

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10/28/2015

San Francisco Bay Conservation and Development Commission

OCEAN PROTECTION COUNCIL

DEPARTMENT OF WATER RESOURCES

California Department of Toxic Substances Control

CALIFORNIA COASTAL COMMISSION

Caltrans

CALIFORNIA STATE PARKS SINCE 1864

Coastal Conservancy

California State Lands Commission

CALIFORNIA natural resources AGENCY

DEPARTMENT OF FISH AND GAME

The Governor's Office of Planning and Research

California Department of Public Health CDPH

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
STATE WATER RESOURCES CONTROL BOARD

www.baylandsgoals.org
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