Adapting to Sea Level Rise on Humboldt Bay’s Agricultural Lands

Forum May 4, 2017

Photo courtesy of Humboldt Baykeeper
King Tides Photo Initiative
Importance of Humboldt Bay’s Coastal Agricultural Lands

Photo courtesy of Jonathan Shultz USDA-NRCS
From The Beginning

Photo Courtesy Humboldt State University
2017 status of Agriculture

- Beef Cattle
- Dairy
- Nursery
- Cropland
- Aquaculture
- Ag Land in Government Ownership
2017 Private Ag Land Holdings by Production Type

- Beef – 4,950 Acres
  - Cow/Calf
  - Stocker
    - Weaned to feedlot
    - Weaned to finished
2017 Private Ag Land Holdings by Production Type

Photo courtesy of Jonathan Shultz USDA-NRCS
2017 Private Ag Land Holdings by Production Type

- Dairy – 1,850 Acres
  - Milk Cows
  - Dairy Heifers
  - Silage/hay/heifer
2017 Private Ag Land Holdings by Production Type

Photo courtesy of Jonathan Shultz USDA-NRCS
2017 Private Ag Land Holdings by Production Type

- Nursery – 500 Acres
  - Greenhouse
  - Field
2017 Private Ag Land Holdings by Production Type

Photo courtesy of Humboldt Made
2017 Private Ag Land Holdings by Production Type

- Cropland – 270 Acres
  - Locally sold row crops
  - On farm sales/CSA
  - Exported specialty crops
  - Emerging markets (quinoa)
2017 Private Ag Land Holdings by Production Type

Photo courtesy of Paul Giuntoli
Future of Humboldt Agriculture

Vulnerabilities to Agriculture Production and Local Food Security in the Humboldt Bay Region:

- Loss of Land
- Increased Regulation
- Increased Overhead
Thank You!

Jonathan Shultz
District Conservationist
USDA-NRCS
Jon.Shultz@ca.usda.gov