Hunters Point Slough
Juliet Meyer...LA 438...Spring 2017

Mission statement
As the location of the Hunters Point Slough, it offers opportunities relating the health of the ecosystem and those who once lived here, and helping the disorganized residents of the area. My mission is to create a demonstration garden to believe education is the key for the community to grow from both ends and its environment. It is the need based on empirical data, environmental awareness, as well as opportunities and constraints.

Cultural and Historical Analysis
The African Americans living in the Hunters Point Slough during the Great Migration, as housing was affordable and public education was protected. Additionally, the influx of urban Blacks from the South into the area of the Hunters Point Slough and the health of native residents. Hunters Point Slough residents all faced environmental injustice and today they suffer from poverty, health issues, violence, displacement, and toxic soil levels.

Land Use, Demographics
The land use was one of the major points near the area of the Hunters Point Slough. In most cases, it is richly inhabited in vegetation and animals. The land use has been affected by urbanization. As another demographic study is being made concerning about pollution in the slough and the health of the community.

Sources:
- Image source: Google Maps
- Map source: juliemeyer.com

Environmental Dynamics
- Flood vulnerability
  - Rising flood events and severe storms. These areas are vulnerable to flooding.
  - Freshwater vulnerability. Fewer opportunities for fresh water.
- Procedents
  - Floodplain restoration
  - Water treatment and management
  - Land use planning

Sea Level Rise
The city is mostly vulnerable to sea level rise in the next decade. An area of 1.5 ft is shown only a small portion of this map. As it is expanding under water, I will therefore design my shallow water to have farmland which can have a buffer zone for the slough. It will provide work for the existing wetland habitat. A barrier will protect the otherwise having ocean water tenth them.

Watershed Boundary
This map shows the boundaries and drainage in the area surrounding the city of San Francisco. It is the watershed and it visually connects to the other watersheds, flooding areas into the ocean during storms. waters are to be lifted to the Griffin Pump House. The water will be collected into the demonstration garden as well as create a treatment wetland which will clear the water before it is released into the slough.

Yosemite Creek Elevation Analysis
- Contour study
  - Land use planning
  - Floodplain restoration
  - Water treatment and management
  - Land use planning

Hunters Point Bayview
- Site
  - Located in San Francisco
  - Hunters Point Creek
  - California coast
- Analysis
  - Water level and water management
  - Water quality and management
  - Land use planning