

**Tony S. Vaught**  
**ProAquaculture, Inc.**



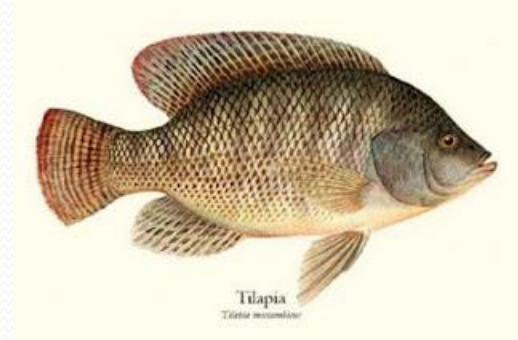
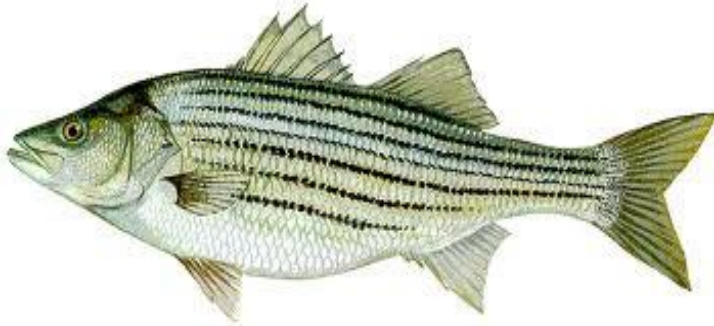
**Inland Aquaculture:**  
**Freshwater Farms, Hatcheries for**  
**Offshore Production, and Aquaponics**

California has a long history in aquaculture.

Diverse due to its rich natural resources, climate and species.

1850	Oysters
1870's	Trout Salmon
1950's	Channel Catfish Bait fish Sunfish
1960's	Tilapia
1970's	Abalone
1980's	White Sea bass Striped Bass Mussels
1990's	White Sturgeon Hybrid Carp Largemouth Bass
2000's	California Yellowtail California Halibut
2015	Coming soon !!! Offshore Aquaculture

# Inland Finfish



# Private Fresh Water Fish Farms



Tilapia/ Sturgeon

Trout

Catfish/Sturgeon/bass/carp/bluegill

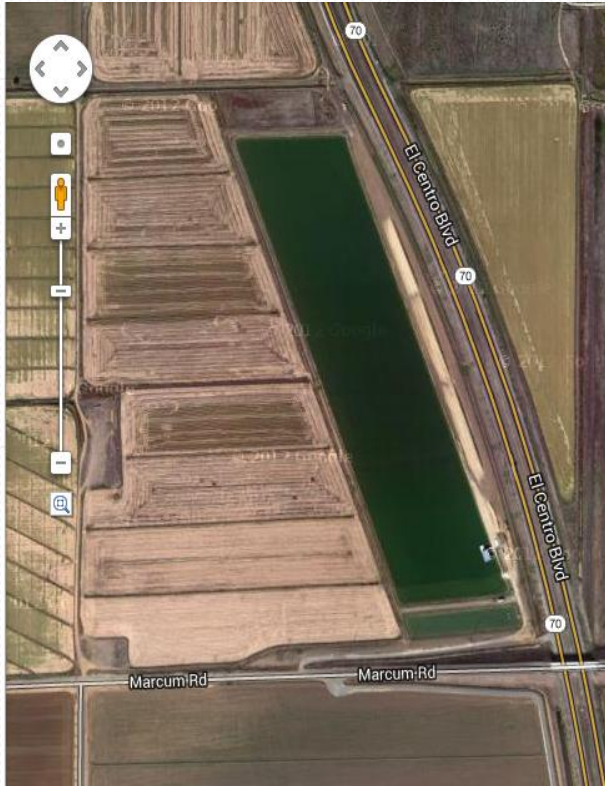
Largemouth  
Bass

Trout

Channel  
Catfish

Tilapia/Catfish/bass/carp/bluegill

# Agriculture Aquaculture Partnership



Water for aquaculture is used to grow row crops, rice, tree crops and feed for animals

# Aquaponics



Ouroboros Farms | California



# Fingerling Production



# Feeds and Nutrition



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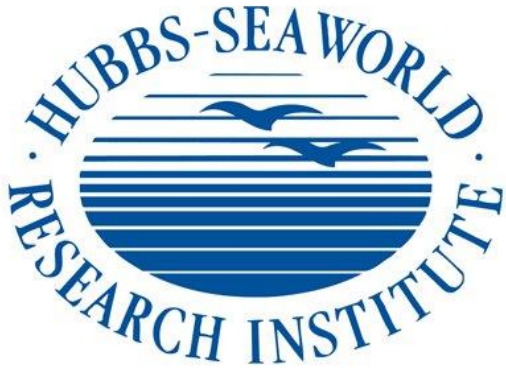
# Working Waterfronts



# Processing and Marketing



# Research Private and Public



**California Aquaculture**

UNIVERSITY OF CALIFORNIA, DAVIS



# Opportunities

- California has over two dozen species grown for food recreation and research.
- Research on new species is ongoing.
- California is poised to lead in aquaculture production and research.
- Aquaculture hatcheries and on shore support will grow to supply farms as production increases.
- Demand for seafood will see a steady rise.

# What is Needed

- **Promote and protect aquaculture. Make sure aquaculture is considered when crafting agricultural and fishery policy.**
- **Help streamline the permit process and assist in dialogs between fish farmers and agencies. Permit processes that cost hundreds of thousands of dollars discourage aquaculture growth.**
- **Insist that groups opposing aquaculture use sound science as a basis.**
- **Recognize the economic and environmental benefits of aquaculture**

# Thank You



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