

Diving into ControverSEA: Marine Mammals & Pesticides

Prezi Link: <https://prezi.com/view/BLJGFxVrBXS0DmY4a73/>

CHECKLIST

- Introduction **make sure to hear all of the introduction audio**
- Home Page**
- The Controversy**
 - What are the Important Intersections of this Controversy
 - Video (0:40-1:01)

After this point you can choose the order to explore the Pesticides or Marine Mammals side of the ControverSEA

- Marine Mammals**
 - Which Species are Being Affected?
 - Cetaceans
 - Video 1
 - Video 2
 - Video 3
 - Pinnipeds
 - Video 1
 - Video 2
 - Video 3
 - Sirenians
 - Video 1
 - Video 2
 - Apex of the Food Web
 - Plankton
 - Herring
 - Salmon
 - Killer whale
 - Dive deeper: bioaccumulation vs. biomagnification
 - Dive deeper into biomagnification
 - Fun fact & no so fun fact
 - Video
 - Dive deeper into bioaccumulation
 - Learn more about infant mortality
 - Dive Deeper: endocrine disrupting chemicals (EDC's)
 - Dive Deeper: PON1 Gene: Evolutionary Deactivation

Diving into ControverSEA: Marine Mammals & Pesticides

- Why Protect Marine Mammals?
 - Cultural Impact
 - Environmental impact
 - Marine mammals as persons
 - Economic impact
- Pesticides
 - History
 - Enter Timeline
 - 19th Century
 - 1930-45
 - 1945-60
 - Montrose Chemical Corp Legacy
 - 1960-1980
 - 1980-2000
 - Early 21st Century
 - Explore current pesticide usage
 - Explore future alternatives to pesticide usage
 - Biological Mechanisms
 - What are pesticides?
 - Types of Pesticides
 - Rodenticides
 - Insecticides
 - Herbicides
 - Fungicides
 - Pesticide Generations
 - 1st Generation: Natural and Botanical
 - 2nd Generation: Synthetic Organic
 - 3rd Generation: Nerve Toxins (Organophosphates and Carbamates)
 - 4th Generation: Endocrine Disruptors
 - Pesticide Cocktail
 - Dive into the Controversy
- Current Use & Alternatives
 - Dive into Current Uses
 - Dive into Future Alternatives
 - AI
 - Organic Farming
 - Cultural Competency

Diving into ControverSEA: Marine Mammals & Pesticides

- Impact
 - Environmental implications
 - Video (starting point - 1:40)
 - Social Impact of pesticides
 - Humans
 - Health
 - Food
 - Leisure Activities
 - Maldives Case Study
 - Marine mammals
 - Political Impact
 - Conservation Incentives & Regulations
 - Recent Regulation Attempts
 - Current Funding
 - Economic Impact
 - United States
 - Global Economic Impact
- End of Immersive Experience!

