

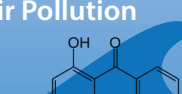
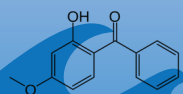


Sunscreens

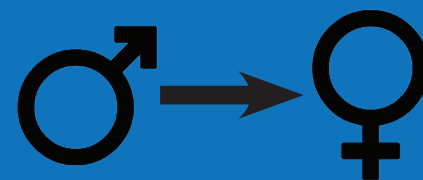
Aerosol

Air Pollution

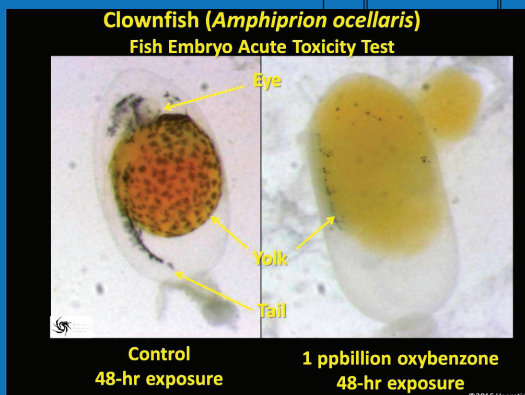
Oxybenzone-Sunscreen Pollution is Toxic to Fish Populations



Alters mating behavior



Inappropriate Feminization:
Turns male fish into female



Lethal to fish embryos



Adverse Impact to
Fish Hermaphroditism

Scan to learn
more:



Scan to learn
more about
the science:



Endocrine Disruption
Distorts embryonic and juvenile development

WATCHFROG
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Endocrine Disruption Assay in Fish Embryos

Pathological induction of choriogenin (egg protein)

Egg protein glows, and is made in the liver

Normal	Oxybenzone	Benzophenone - 1 (BP-1)

Oxybenzone and BP-1 act like estrogen, causing egg protein to be produced in fish embryos. This egg protein should only be produced by a sexually mature female.

Oxybenzone is metabolized into BP-1. BP-1 is 5x more potent than Oxybenzone to pathologically induce egg protein.

Sunscreen Pollution can be a symptom of Unsustainable Tourism.