

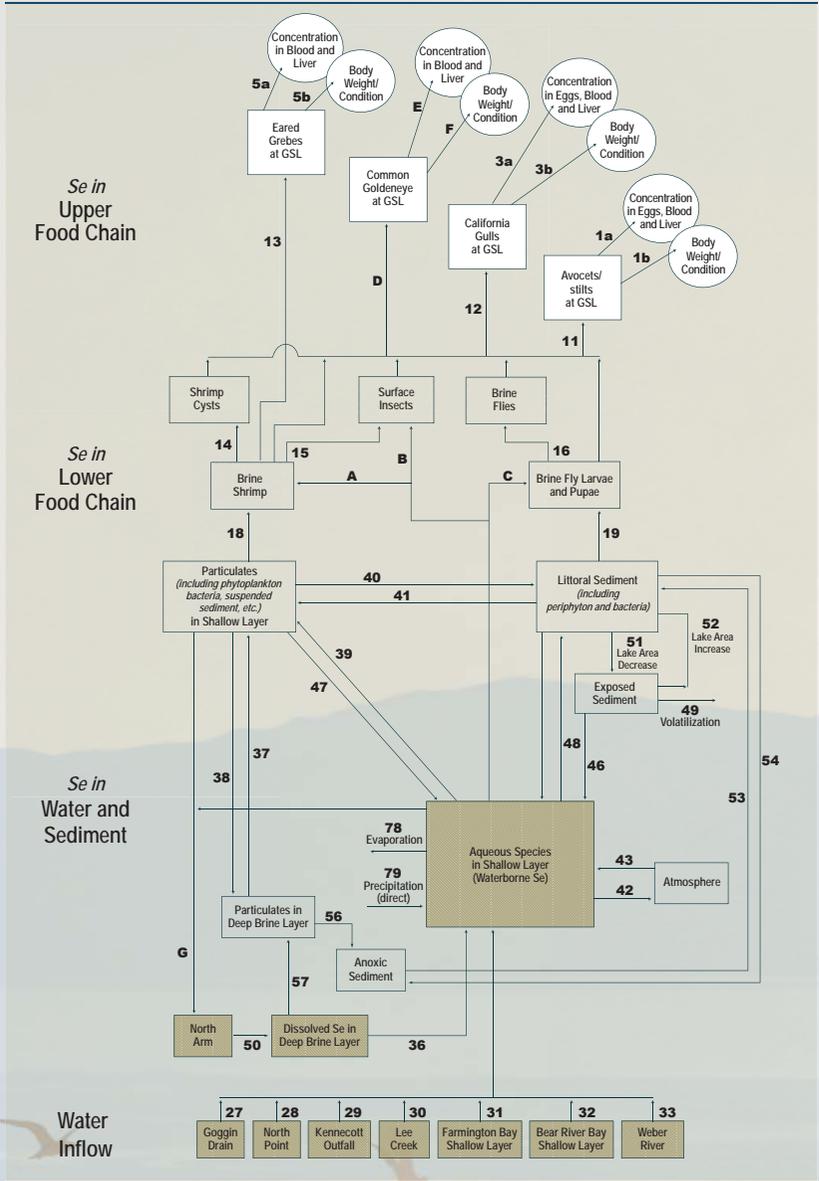
# Development of a Selenium Standard for the Open Waters of Great Salt Lake

## Great Salt Lake Water Quality Studies



### How does selenium move through the food web of Great Salt Lake?

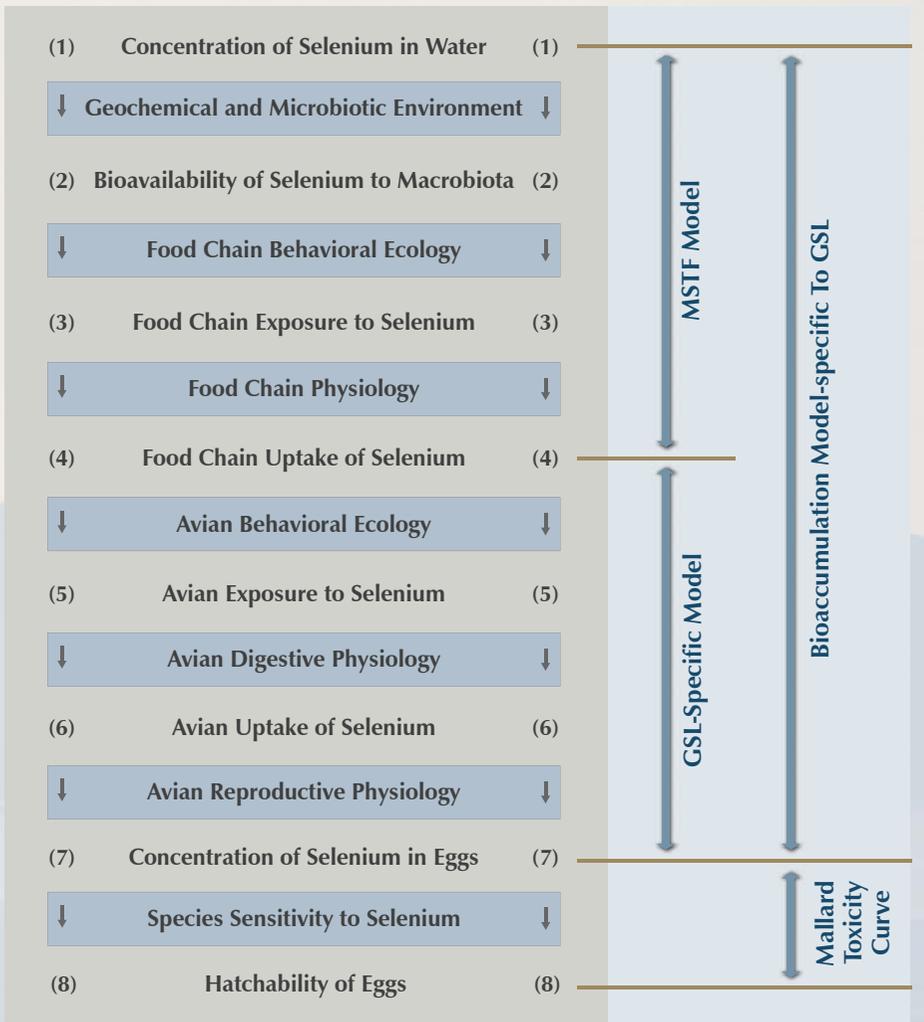
#### Conceptual Model Illustrates How Selenium is Cycled



Simplified Conceptual Model for Selenium Cycling

#### Transfer of Se from Water to Eggs – Many, Complex Variables

- Great Salt Lake-specific Bioaccumulation Model will be used to relate Se in water to diet to eggs
- Mallard Egg Toxicity Curve will be used to relate Se in eggs to reproductive success



Source: Adapted from Skorupa & Ohlendorf, 1991.