

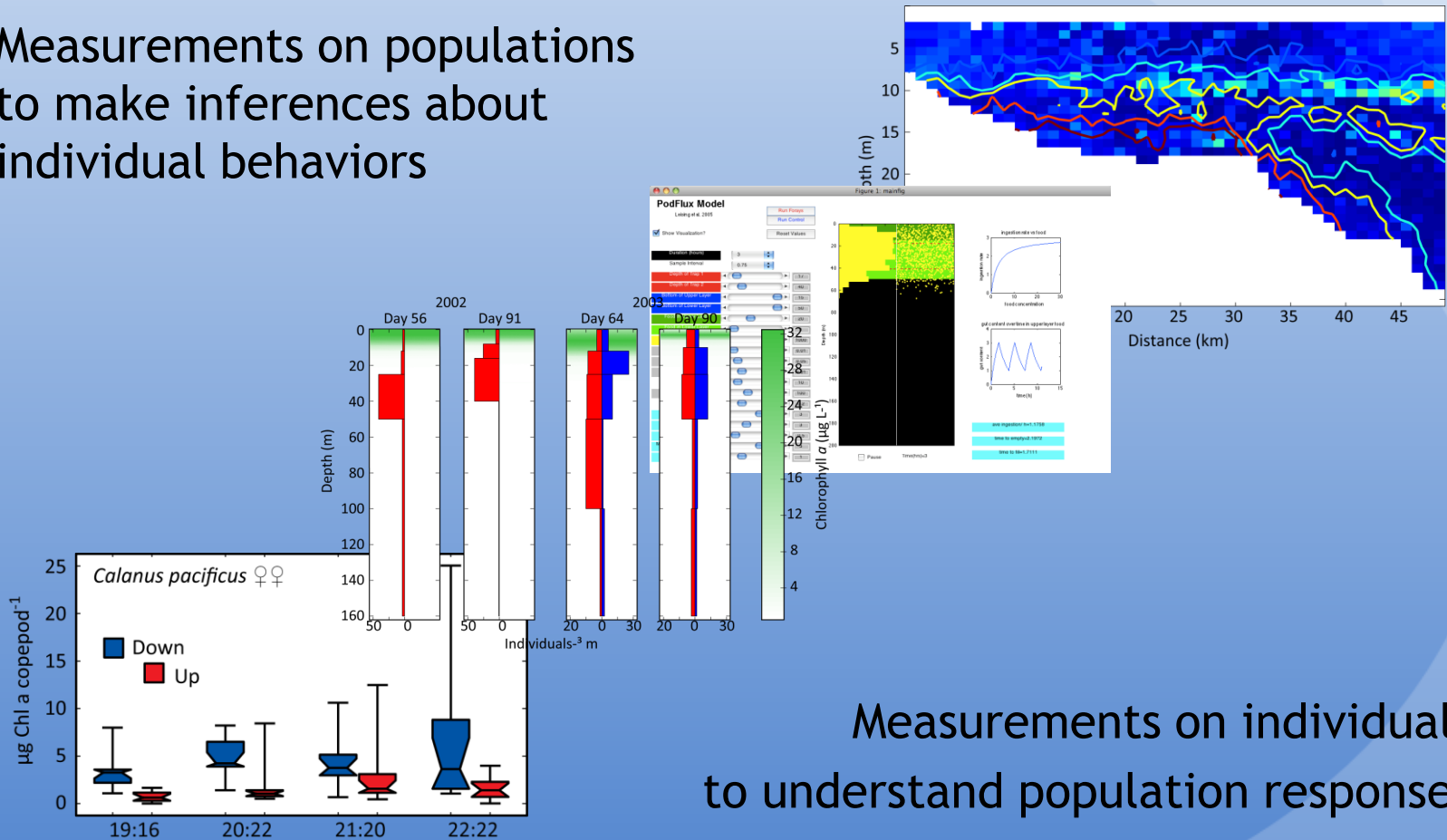
# FROM INDIVIDUALS TO ECOSYSTEMS:

*Zooplankton Condition and Behavior at Disparate Scales*

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# How do individuals' behaviors affect population dynamics?

Measurements on populations to make inferences about individual behaviors



Measurements on individuals to understand population responses

# How will climate affect individual zooplankters?

Individuals are the ‘agents’ on which the direct effects of climate changes will act, even if the impacts will be imparted to and observed on the populations

*For example:*

- Prey changes can affect fitness of individuals
- Temperature changes can alter growth and development rates