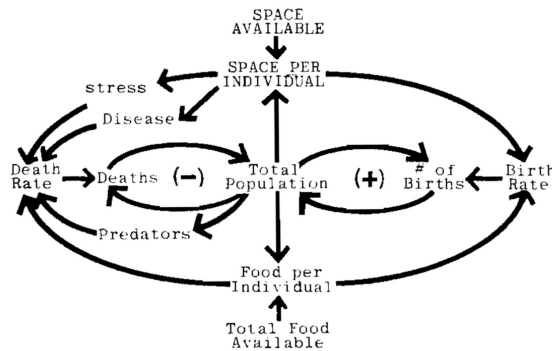


Gaining Insight through Systems Thinking and Computational Modeling

Gaining Insight is an online repository of modeling projects which will take you from systems thinking concepts to powerful computational tools that help us solve the complex problems of our modern world. <https://www.gaininginsight.org>.

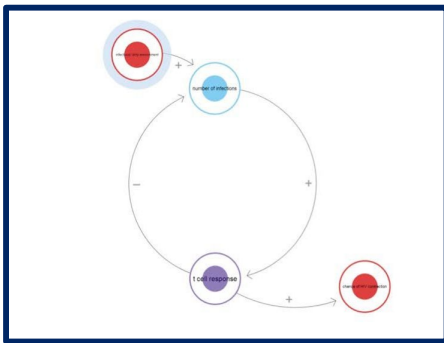
Start with an introduction to systems thinking and modeling.



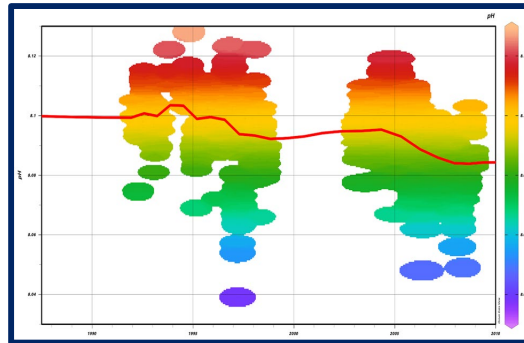
Introduction to Systems Thinking and Modeling

Today's problems often take the form of complex systems - climate change, cancer, politics. Tackling these problems requires a systems approach. Learn about what a system is, how feedback loops are part of most systems, and how we can model complex systems with modern tools.

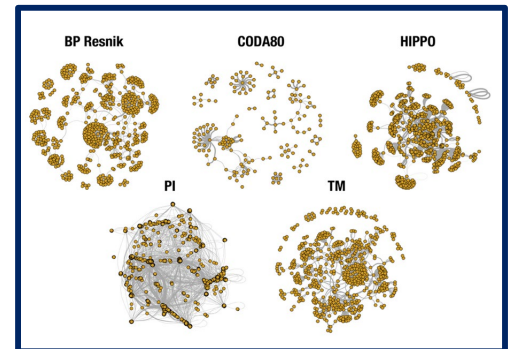
Lessons can be conducted independently or part of a class where the learner picks their difficulty level or modeling tool they would like to practice.



Introductory



Intermediate



Advanced

The repository uses tools such as:



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