Project 2 Check-In

Complete the first two pages of this handout before your Project 2 check-in. Bring it and any other relevant printed materials to your conversation with your instructor.

Stock and Flow Diagram

Draw a representation of your model in the graphical language of a stock and flow diagram. Label it as thoroughly as you can.

Mathematical Model

Write a mathematical representation of your model (e.g., as a system of first-order differential equations).[1] If there are gaps where you need further information, indicate them clearly.

[1] Note that you do not need to solve these equations—your simulation will do that numerically.

Beginnings of a Python Model

Even if you have not yet begun implementing your model in Python, tell us: What goes in your `State` object? Your `System` object? What are the key pieces of your update (or slope) function?

Check-In Notes

Write notes here during your check-in.

Reflection Question

What are the next steps for your project? How will you and your partner approach these steps?

Next Steps

Before class on Thursday, please do the following things:

- ☐ Write your name here: _____
- ☐ Write the name(s) of your project partner(s) here: _____
- ☐ By tonight: Scan this worksheet *along with the printed artifact(s) that you showed in your check-in meeting, including any comments*. Submit these documents on Canvas as a single PDF.
- ☐ Complete the additional items agreed upon with your instructor during your check-in.
- ☐ Meet in the studios on Thursday for an open studio day to work on your project.