**Personal Assessment Form** **Due Sundays at Midnight**

**MARS 5470/4470**

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**Project:** Using Python To Compare Models And Plot Particle Distribution Following The Lagrangian Flow Network

As we discussed in class, the goal of this assessment is for you to check in with yourself about how you are doing in your final project, i.e. practice good project management skills. This is similar to what we have been doing in the weekly class assessment exercise, but turning it around. In the following exercise, remember to be kind to yourself to help keep your motivation up!

1. What were the project goals for the week?

[x] Plot HYCOM data

[x] Plot GECKO data

[x] Make a movie for comparison

2. How did you meet these goals, or what did you do instead?

* I plotted the HYCOM and GECKO data in similar ways, I just had to adjust for the different latitude and longitude measurements. I also had to learn how to correctly add on and adjust quivers and the quiver key.
* For the movie I used Davinci Resolve to put the images together.

3. What worked well (plusses)?

* For the data itself, it worked well to read it carefully for the lon and lat differences and other conversions.
* Quiver had really helpful documentation, but I had to play with it first in order to understand what the documentation was talking about.
* Definitely asking for help when it’s needed like with the subplots. I’m not sure why I was struggling so much with that, but glad I got it.

4. What could be improved (deltas)?

* I need to take more control of the code and not be so lazy with conversions. Initially I copied the quiver code from someone else, but messed with it enough to figure it out.

5. Plans for next week (project goals and work habit goals):

[] run LFN code

[] make plots

6. Notes/ideas

* I might need to figure out how to loop the LFN code
* I need to loop the hycom and gecko plotting data