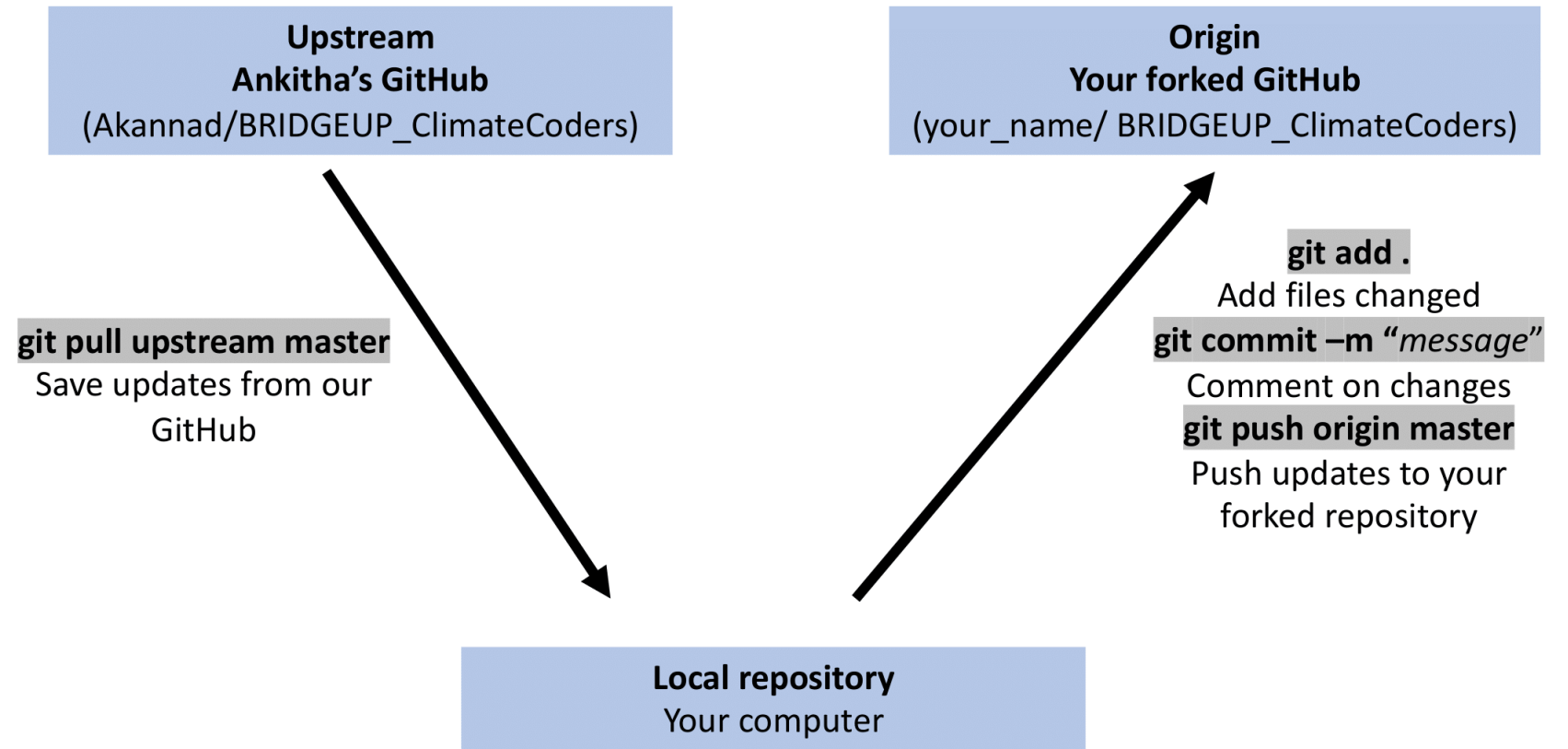


HOUSEKEEPING

- Cheers and challenges:
Natalie 😊



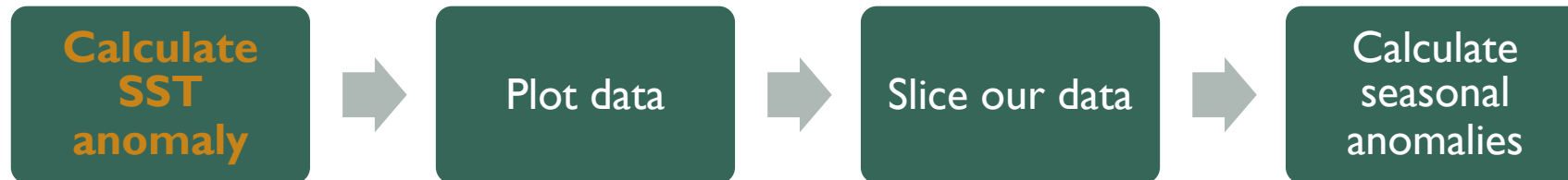
UNIT 2: CLIMATE IN
SOUTH-EAST ASIA
DECEMBER 12TH, 2019

INDEXING WITH NUMPY ARRAYS

BRAINSTORMING OUR NEXT UNIT

What is the recent climate in South-East Asia? How does it affect the ocean?

Data: Global sea temperature and salinity 2000 - 2017



INDEXING

netCDF4

A.variables =

Time	Depth	Temp
numpy array	numpy array	numpy array
units	units	units

time =
A.variables['Time'][:]

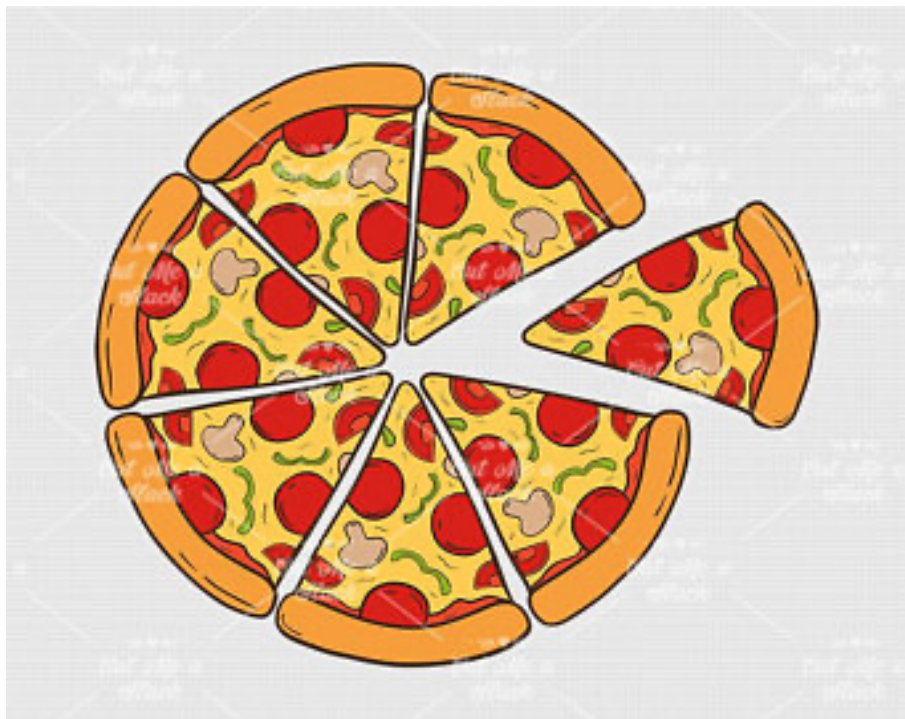
Indexing to the next level!

time = *numpy array*

time[time > 2010] =

temp[time > 2010] =

WHERE IS THIS USEFUL?

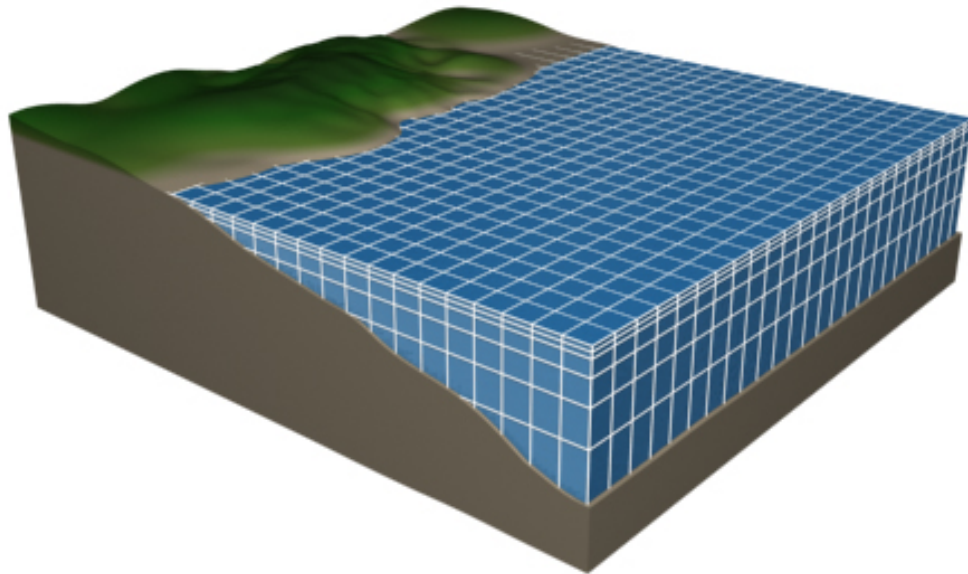


- How are we slicing our data:
 - Depth
 - Latitude, longitude

CALCULATING AVERAGE SST

Jan

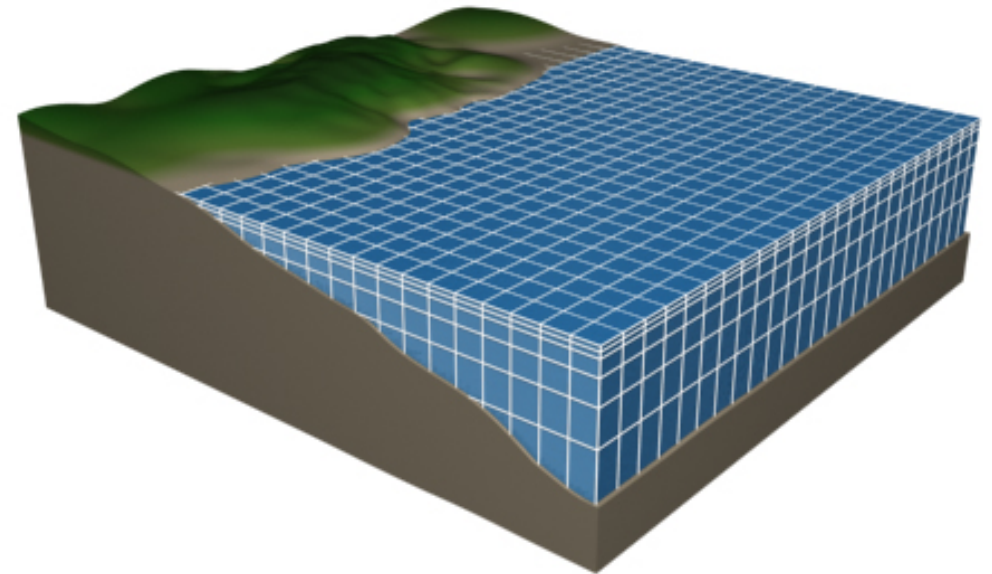
3-D Grid on the Coastal Ocean



©The COMET Program

Feb

3-D Grid on the Coastal Ocean



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BREAK:

WHAT'S FIVE THINGS
YOU'RE GRATEFUL FOR?

