

test

October 27, 2023

First dummy plot

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[ ]: # Importing

import xarray as xr
import numpy as np
import matplotlib.pyplot as plt
```

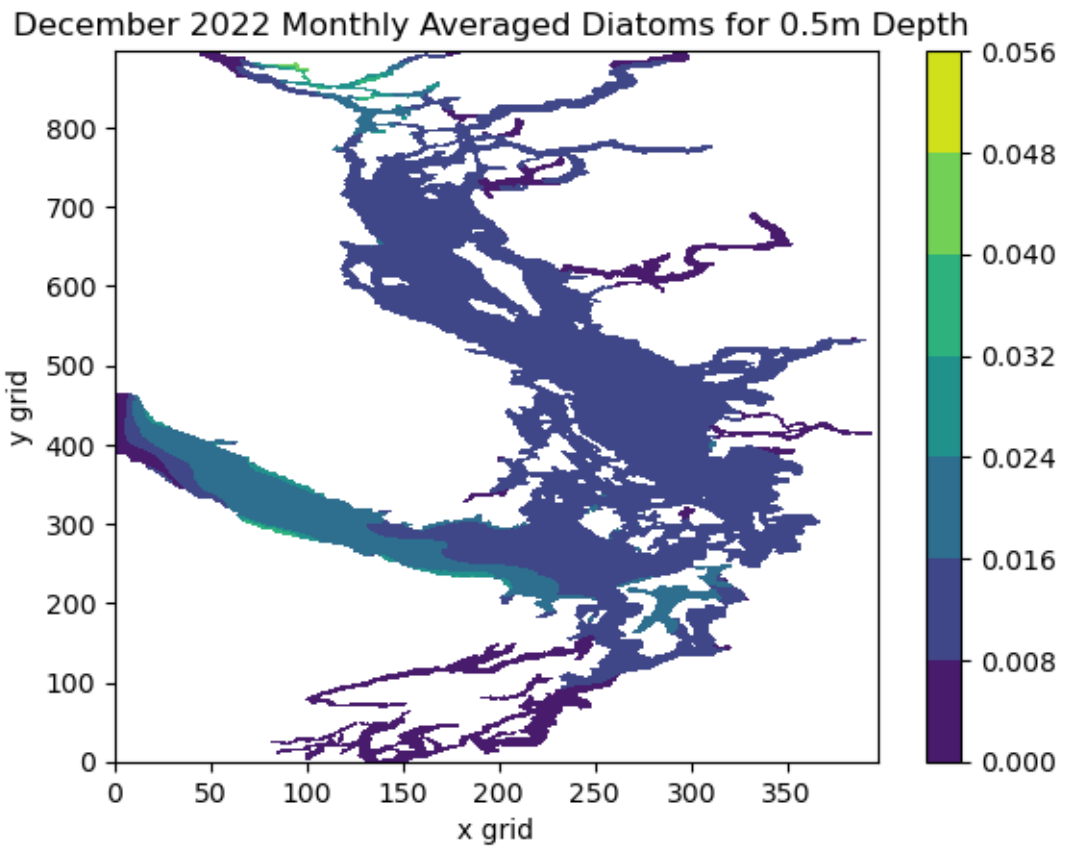
```
[ ]: # Dataset preparation

ds = xr.open_dataset('/data/ibougoudis/MOAD/
↳SalishSeaCast_1m_ptrc_T_20221201_20221231.nc')
a = ds['diatoms']
a = a.where(a>0)
```

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[ ]: # Plotting

plt.contourf(a[0,0,:,:])
plt.colorbar()
plt.title("December 2022 Monthly Averaged Diatoms for 0.5m Depth ")
plt.xlabel("x grid")
plt.ylabel("y grid")
```

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[ ]: Text(0, 0.5, 'y grid')
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