

# TrackEddy

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This source code will let you identify all the eddies in the ocean, but also It can be adapted for any other normal function in a 2D surface.

## 1 Installation

### 1.1 Get Code

1. Make a new directory where you want the repository.
2. Clone the TrackEddy repository from Github. In the command prompt, type:

```
git clone https://github.com/Josue-Martinez-Moreno/trackeddy.git
```

3. Install the package globally:

```
pip install -e .
```

This make the package an editable install so that it can be updated with future additions to TrackEddy. To instead install the package locally:

```
pip install --user -e .
```

### 1.2 Update the code later

1. Move into your TrackEddy directory.
2. Update your GitHub repository.

```
git pull
```

Edit your install of TrackEddy.

```
pip install -e .
```

or

```
pip install --force-reinstall -e .
```

or, for local installation:

```
pip install --ignore-installed --user .
```

## 2 Test the code

Work in progress!

## 3 Usage

Work in progress!

## 4 Learn more about TrackEddy.

Work in progress!