Installation Guidelines

DefoEye: A Python-Based Software for Facilitated Time-Series InSAR Analysis of Sentinel-1 Remote Sensing Data

Note: If you encounter any installation issues, please report them by opening a new issue on our GitHub repository. The developer (Alireza Taheri Dehkordi) will respond as soon as possible.

1. Clone the Repository

Open your terminal (for example in Visual Studio Code) and run:

```
git clone https://github.com/ATDehkordi/DefoEye.git
cd DefoEye
```

2. Set Up a Dedicated Environment and Installation of Required Dependencies

We recommend using Anaconda to manage your Python environment:

```
conda env create -f required_env.yml
```

3. Launch WQEye

Start the WQEye graphical interface by running:

```
cd codes
streamlit run main_streamlit.py
```

Note: The first time you run Streamlit, it might ask for your email address. You can simply skip this by pressing Enter. Once launched, DefoEye will open automatically in your default web browser.