1. Run” Input\_1day\_data\_Output\_8day\_data” , it can read 1-day data (AMF\_US-Ho2\_FLUXNET\_DD\_2007-2020.csv) and 8-day timeline (8-day\_DATA\_US-Ho2\_2007\_2020\_Timeline.csv) to generate 8-day data (8-day\_DATA\_US-Ho2\_2007\_2020\_From\_1-day.csv )
2. Run” Input\_1day\_data\_Output\_8day\_data” , it can read 8-day data (8-day\_DATA\_US-Ho2\_2007\_2020\_From\_1-day.csv) to generate 8-day GPPvpm data (8-day\_DATA\_US-Ho2\_2007\_2020\_ForPY\_Calculate.csv)
3. We will use “8-day\_DATA\_US-Ho2\_2007\_2020\_ForPY\_Calculate.csv” to draw graphs and analysis.
4. Then we convert “8-day\_DATA\_US-Ho2\_2007\_2020\_ForPY\_Calculate.csv” to “8-day\_DATA\_US-Ho2\_2007\_2020\_ForPY\_Calculate.xlsx” for easy reading.
5. Run “3\_NDVI\_EVI\_LSWI\_Howland\_2007\_2020.ipynb” to generate “result\_1”.

Run “4\_PARgt0\_T\_P\_Howland\_2007\_2020.ipynb” to generate “result\_2”.

Run “5\_PARgt0\_GPPec\_NEEec\_ETec\_Howland\_2007\_2020.ipynb” to generate “result\_3”.

Run “6\_scatter.ipynb” to generate “result\_4”, “result\_5”, “result\_6”, “result\_7”, “result\_8” and “result\_9”.

Run “7\_GPPmod17\_GPPec\_GPPvpm\_Howland\_2007\_2020.ipynb” to generate “result\_10\_GPPmod17\_GPPec\_GPPvpm\_Howland\_2007\_2020”.

Run “8\_PARgt0\_Scatter\_ETec\_TRvtm\_Howland\_2007\_2020.ipynb” to generate “result\_11” and “result\_12”.