Processing Data in EddyPro 7.0

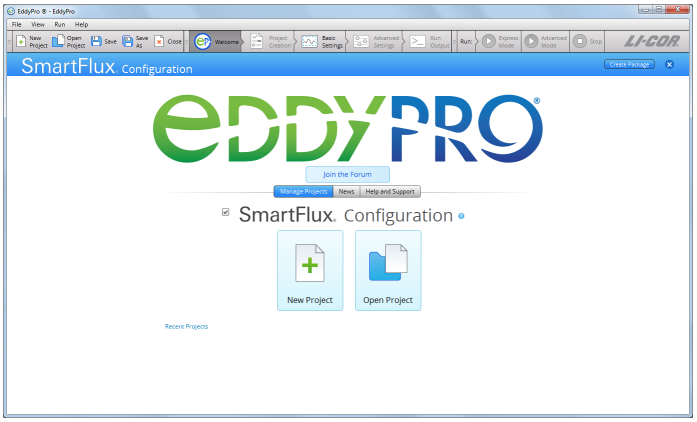
Quick Start Guide

This document provides a broad overview of EddyPro work flows. EddyPro is tightly integrated with the LI-COR eddy covariance system—the simplest way to use EddyPro is with the LI-7500A/RS/DS, and LI-7200/RS gas analyzers. However, you can process virtually any type of eddy covariance dataset with EddyPro, including ASCII, binary, TOB1, and SLT files.

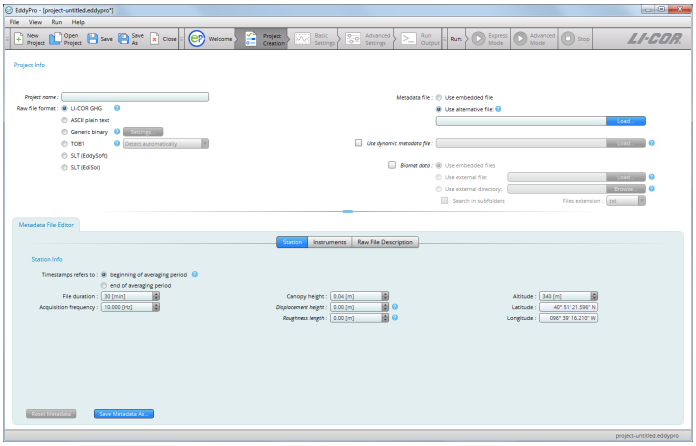
Processing LI-COR .ghg files in Express Mode 1
Processing LI-COR .ghg files in Advanced Mode 2
Processing other eddy covariance data files in Express Mode 3
Processing other eddy covariance data in Advanced Mode 4

Processing LI-COR .ghg files in Express Mode

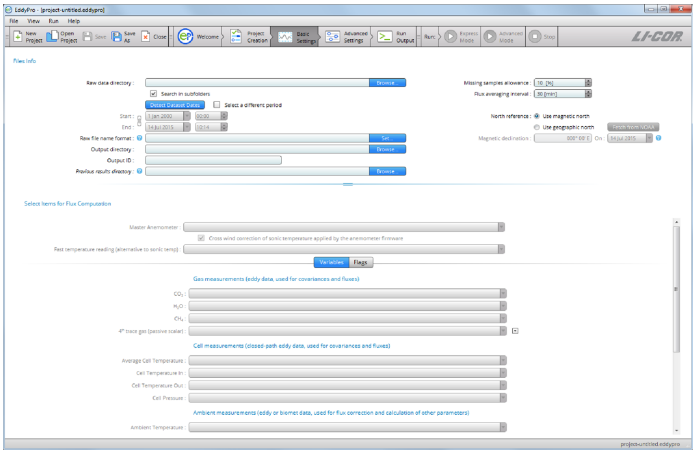
Create a **New Project**.



- Enter the **Project Name**.
- (Optional) If site parameters that change over time are not addressed in the metadata files, create a **Dynamic Parameters File**.
- (Optional) Select **Biomet** data to use data collected from other sensors.

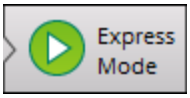


Set the **Raw Data Directory**.



- Enter the **Output Directory** and **Output ID**.
- (Optional) Select items for flux computation.
- Configure flag thresholds and policies.

Click **Run** in **Express Mode**.

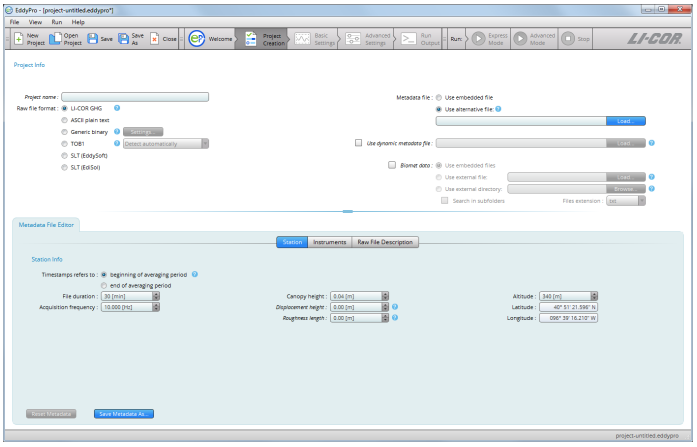


View **Results**.

Flux results are in the file named `eddypro_"Output ID"_full_output_YYYY-MM-DDTHHMMSS`.

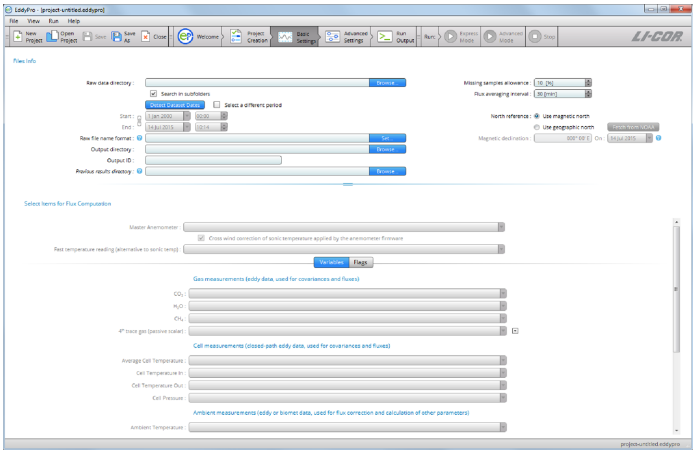
Processing LI-COR .ghg files in Advanced Mode

Create a **New Project**.



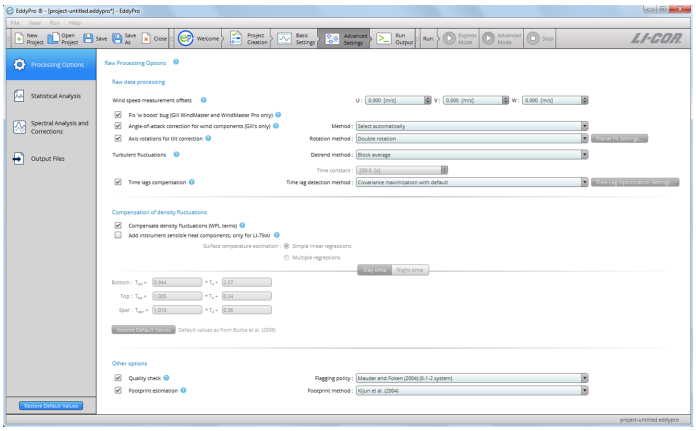
- Enter the **Project Name**.
- (Optional) If site parameters that change over time are not addressed in the metadata files, create a **Dynamic Parameters File**.
- (Optional) Select **Biomet** data to use data collected from other sensors.

Set the **Raw Data Directory**.



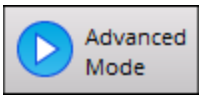
- Enter the **Output Directory** and **Output ID**.
- (Optional) Select items for flux computation.
- Configure flag thresholds and policies.

Configure **Advanced Settings**.



- Processing Options
- Spectral Corrections
- Statistical Analysis
- Output Files

Click **Run** in **Advanced Mode**.

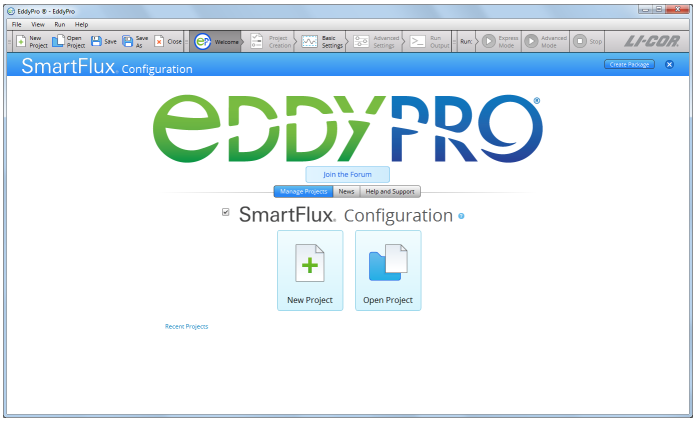


View **Results**.

Flux results are in the file named `eddypro_"Output ID"_full_output_YYYY-MM-DDTHHMMSS`.

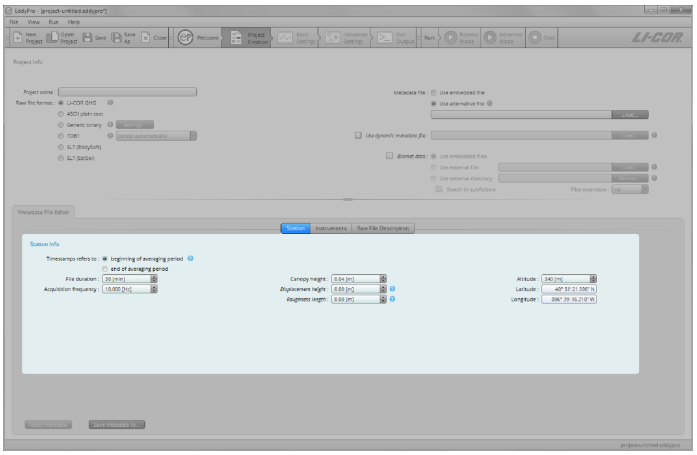
Processing other eddy covariance data files in Express Mode

Create a **New Project**.



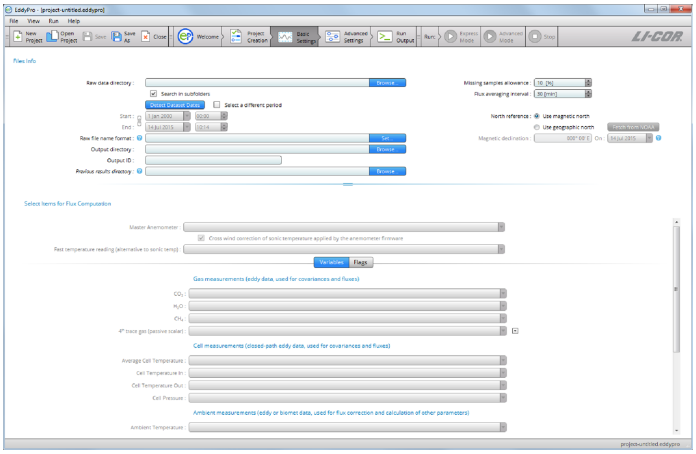
- Enter the **Project Name**.
- (Optional) If site parameters that change over time are not addressed in the metadata files, create a **Dynamic Parameters File**.
- (Optional) Select **Biomet** data to use data collected from other sensors.

Create a **New** or **Load** an **Existing Metadata File**.



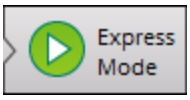
- Select the **Raw File Format**.
- Enter station and instrument information.
- Enter the raw file description and settings.
- Or, load a metadata file from a previous project.

Set the **Raw Data Directory**.



- Enter the **Output Directory** and **Output ID**.
- (Optional) Select items for flux computation.
- Configure flag thresholds and policies.

Click **Run** in **Express Mode**.

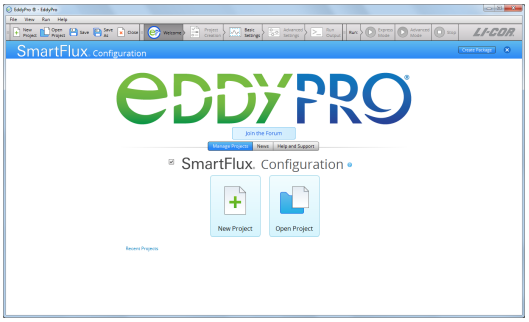


View **Results**.

Flux results are in the file named `eddypro_"Output ID"_full_output_YYYY-MM-DDTHHMMSS`.

Processing other eddy covariance data in Advanced Mode

Create a **New Project**.



- Enter the **Project Name**.
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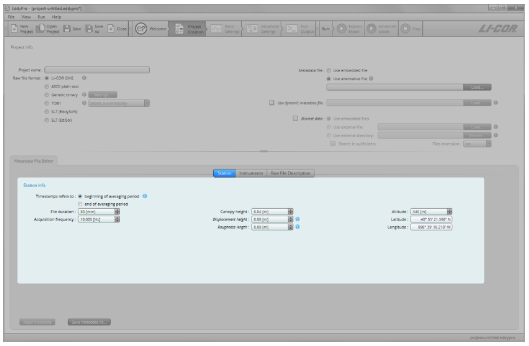
Create a **New** or **Load** an **Existing Metadata File**.



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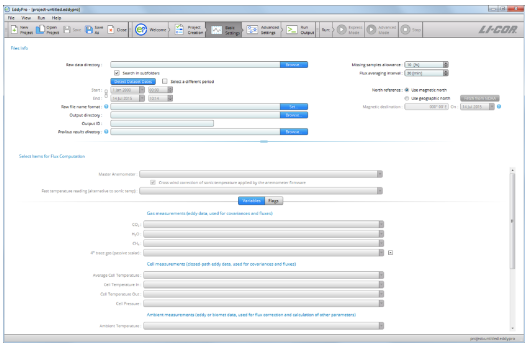
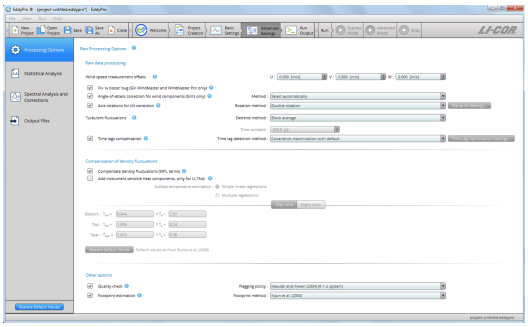
- Enter station and instrument information.
- Enter the raw file description and settings.
- Or, load a metadata file from a previous project.

Set the **Raw Data Directory**.



- Enter the **Output Directory** and **Output ID**.
- (Optional) Select items for flux computation.
- Configure flag thresholds and policies.

Configure **Advanced Settings**.



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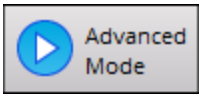
Click **Run** in **Advanced Mode**.



View **Results**.

Flux results are in the file named `eddypro_"Output ID"_full_output_YYYY-MM-DDTHHMMSS`.

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