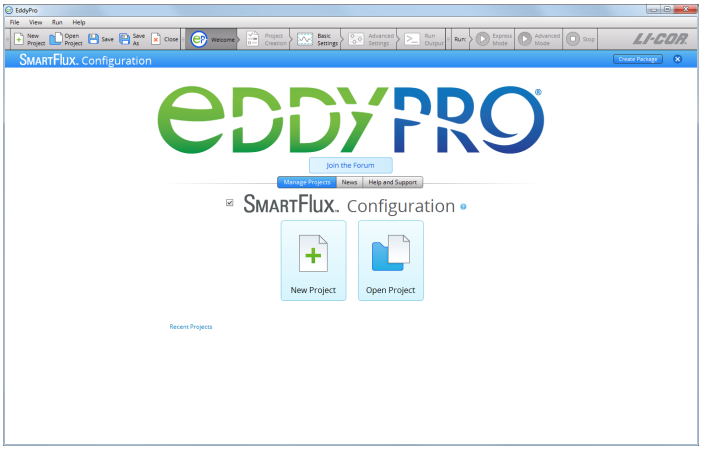
Getting Started With EddyPro®

Getting Started Guide

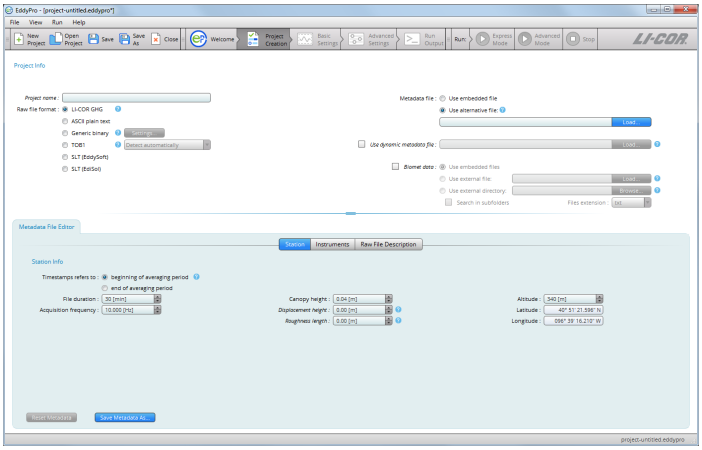
This document provides a broad overview of EddyPro Software work flows. EddyPro is tightly integrated with the LI-COR eddy covariance system—the simplest way to use EddyPro is with the LI-7500A, LI-7200, or GHG systems that include the LI-7700. However, you can process virtually any type of dataset with EddyPro, including ASCII, binary, TOB1, and SLT files.

Processing LI-COR GHG Files in Express Mode

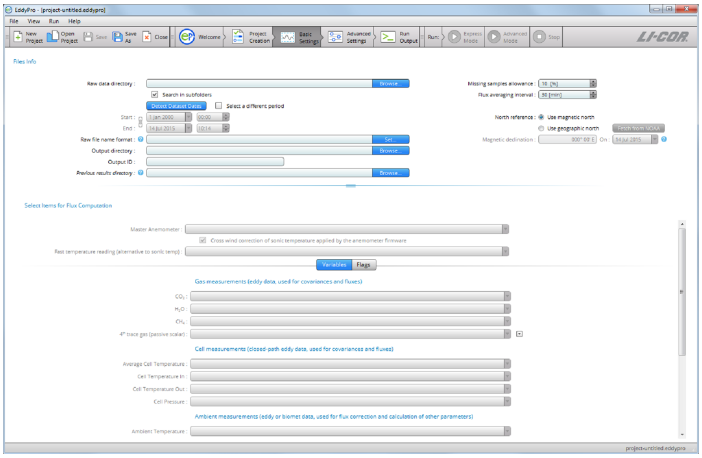
1. Create a **New Project**.



- 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.

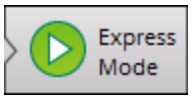


2. Set the **Raw Data Directory**.



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

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



4. View **Results**.

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

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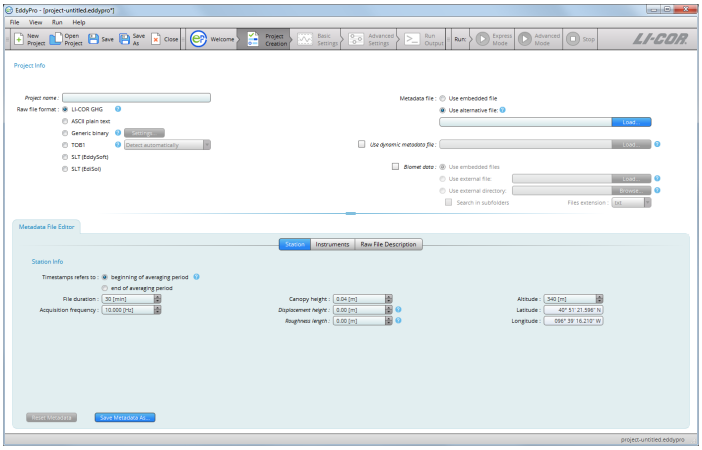
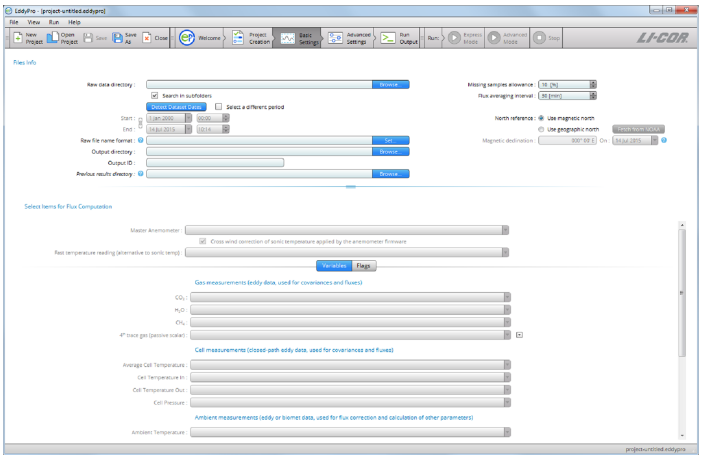
Processing LI-COR GHG Files in Advanced Mode

1. Create a **New Project**.



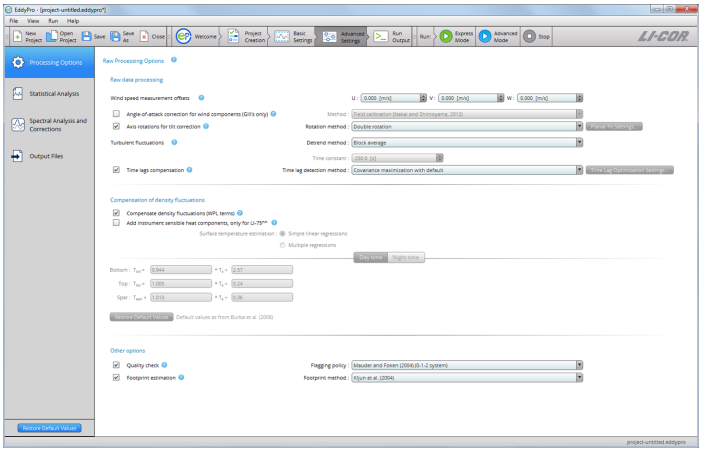
- Enter the **Project Name**.
- (Optional) If site parameters that change over time are not addressed in the metadata files, create a **Dynamic Parameters File**.
- (Optional) Select **Biomet** data to use data collected from other sensors.

2. Set the **Raw Data Directory**.



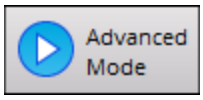
- Enter the **Output Directory** and **Output ID**.
- (Optional) Select items for flux computation.
- Configure flag thresholds and policies.

3. Configure **Advanced Settings**.



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

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

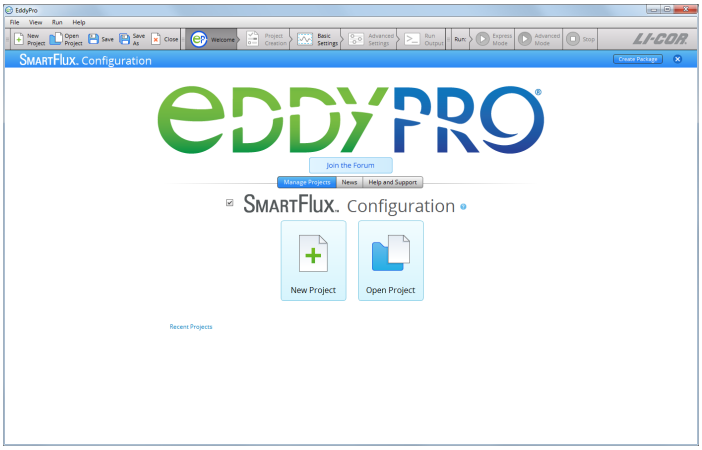


5. View **Results**.

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

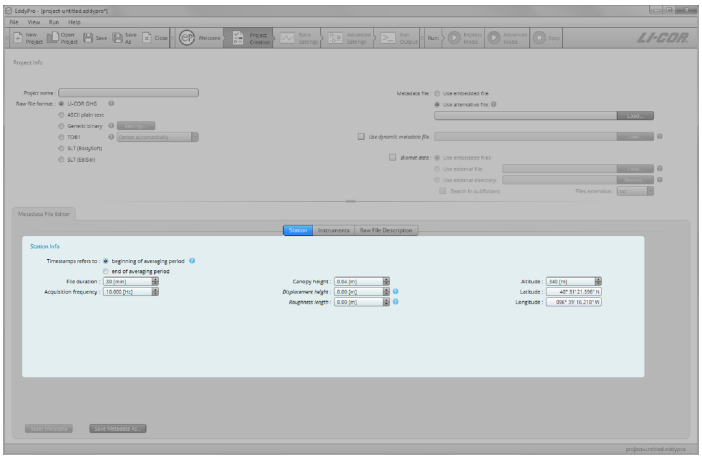
Processing ASCII, Binary, TOB1 or SLT Files in Express Mode

1. Create a **New Project**.



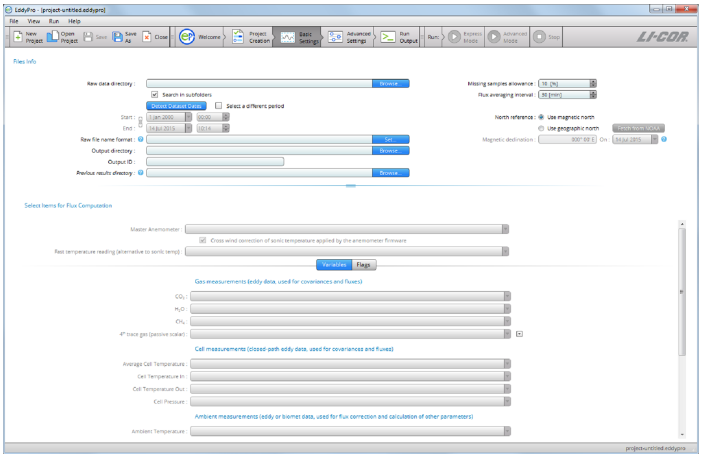
   - Enter the **Project Name**.
   - (Optional) If site parameters that change over time are not addressed in the metadata files, create a **Dynamic Parameters File**.
   - (Optional) Select **Biomet** data to use data collected from other sensors.

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



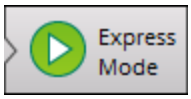
   - Select the **Raw File Format**.
   - Enter station and instrument information.
   - Enter the raw file description and settings.
   - Or, load a metadata file from a previous project.

3. Set the **Raw Data Directory**.



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

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

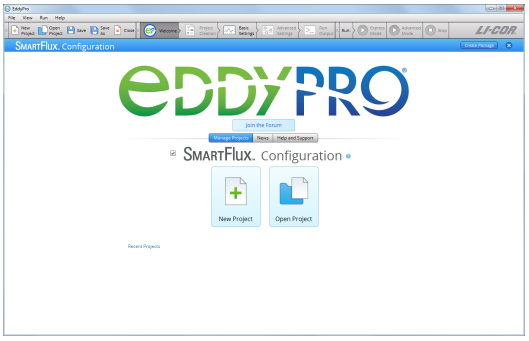


5. View **Results**.

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

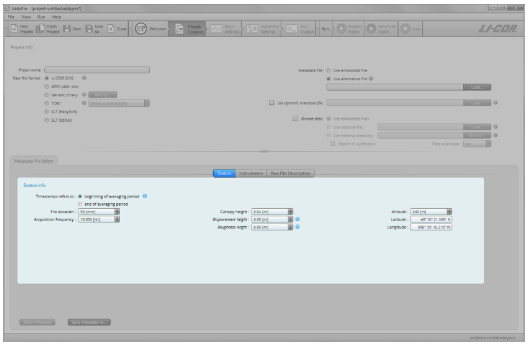
Processing ASCII, Binary, TOB1 or SLT Files in Advanced Mode

1. Create a **New Project**.



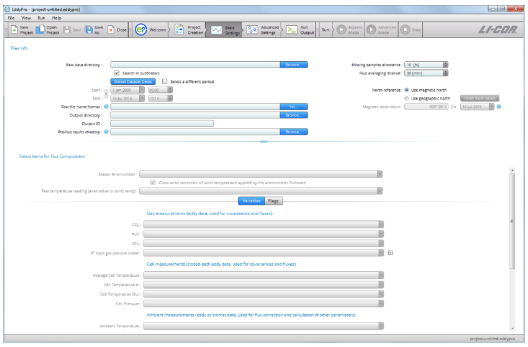
- Enter the **Project Name**.
- (Optional) If site parameters that change over time are not addressed in the metadata files, create a **Dynamic Parameters File**.
- (Optional) Select **Biomet** data to use data collected from other sensors.

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



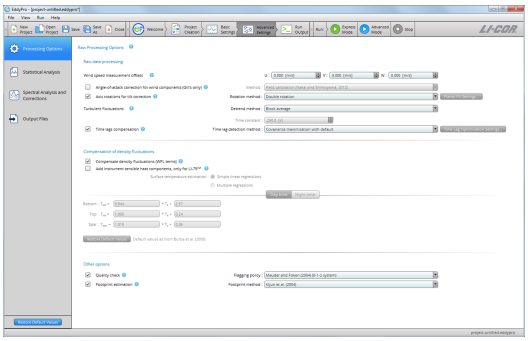
- Select the **Raw File Format**.
- Enter station and instrument information.
- Enter the raw file description and settings.
- Or, load a metadata file from a previous project.

3. Set the **Raw Data Directory**.



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

4. Configure **Advanced Settings**.



- Processing Options
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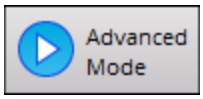
5. Click **Run** in **Advanced Mode**.



6. View **Results**.

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

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