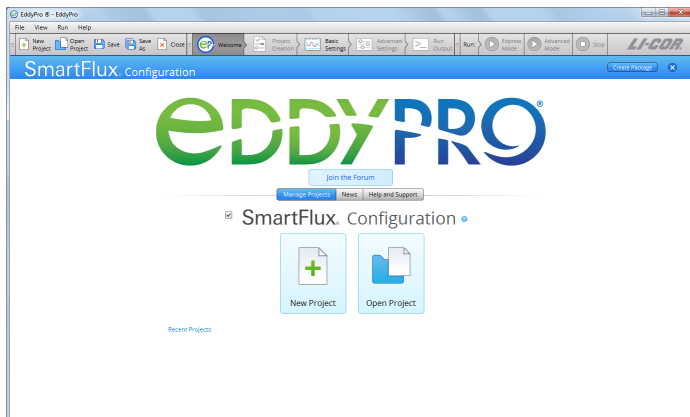# Processing Data in EddyPro 7.0

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.
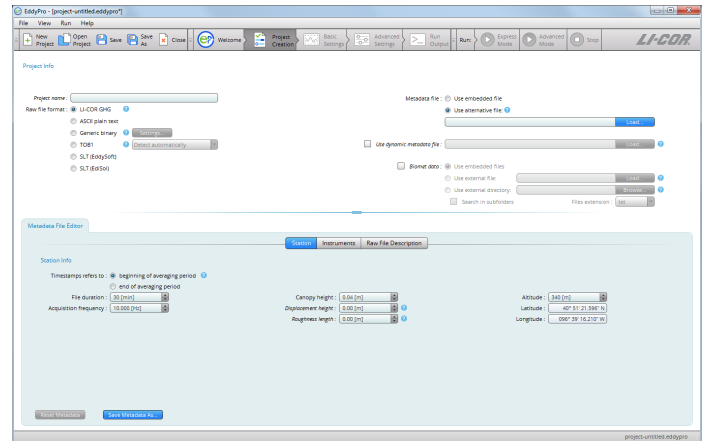
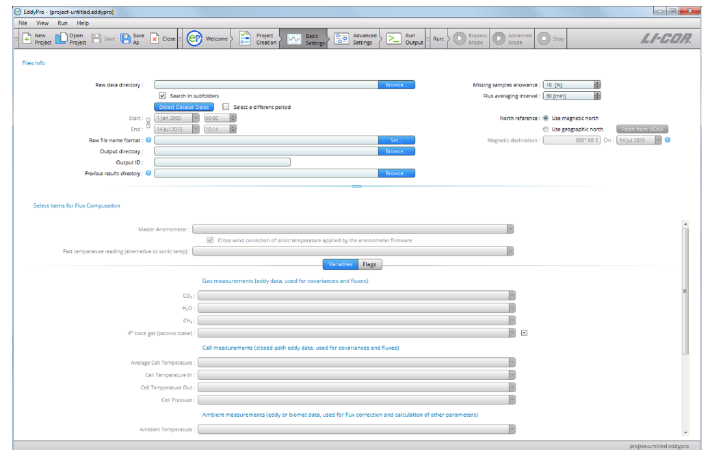## Processing LI-COR .ghg files in Express Mode

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.
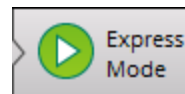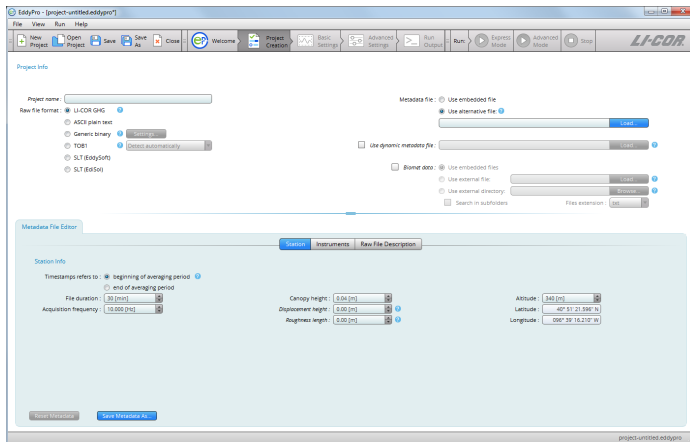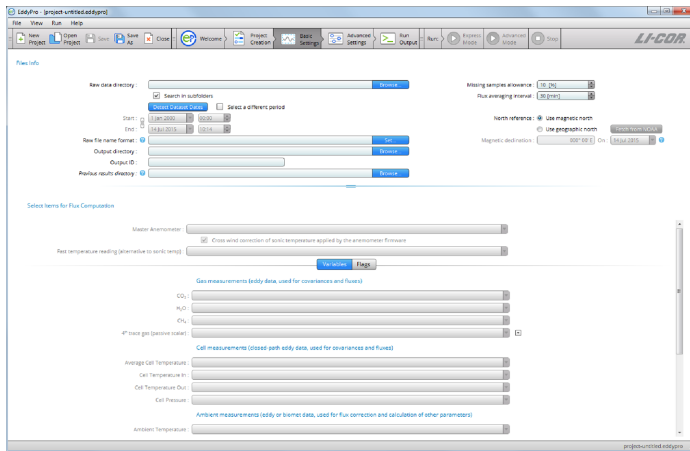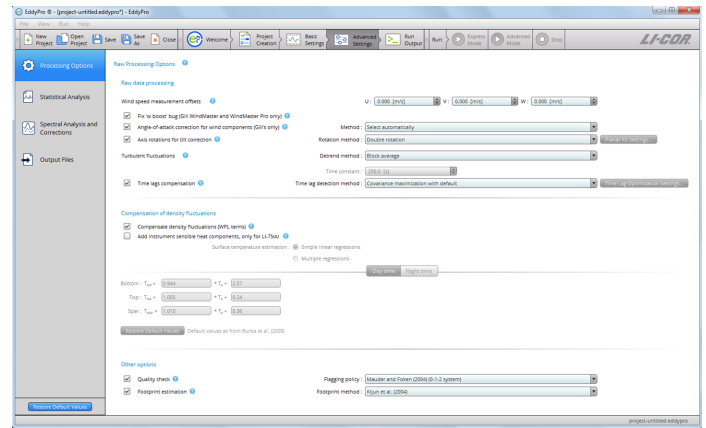
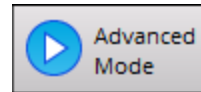Set the **Raw Data Directory.**

- 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.**
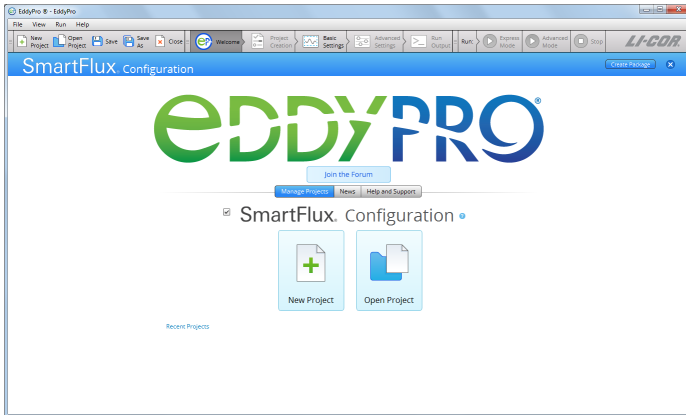

View **Results.**

Flux results are in the file named `eddypro_"Output ID"_full_output_YYYY-MM-DDTHHMMSS`.
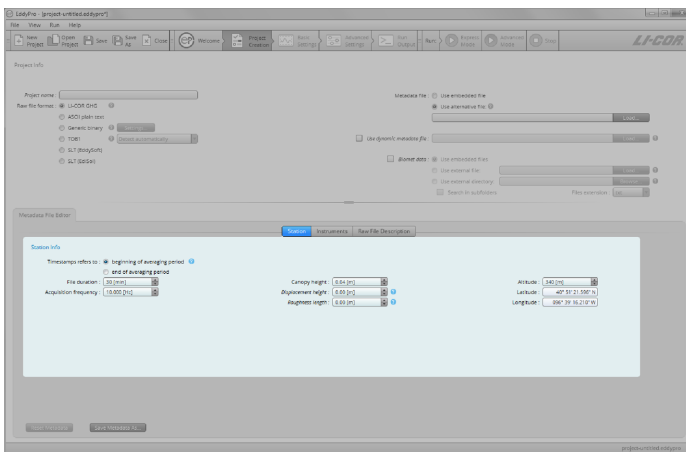
Processing other eddy covariance data files in Express Mode
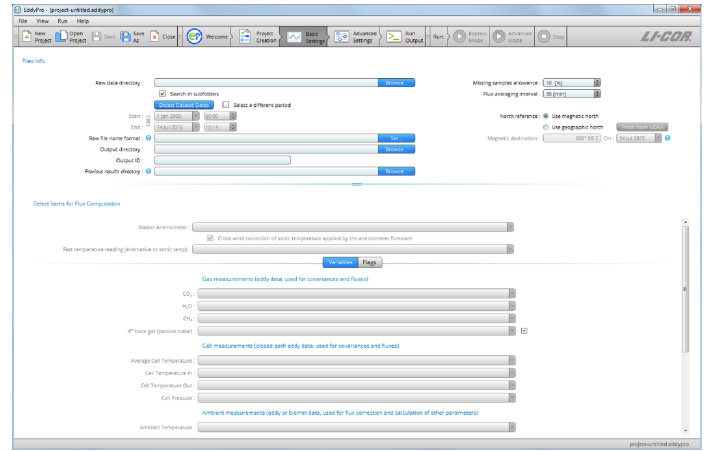
Create a **New Project.**

- 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.

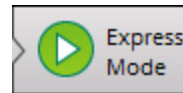Create a **New** or **Load** an **Existing Metadata File.**

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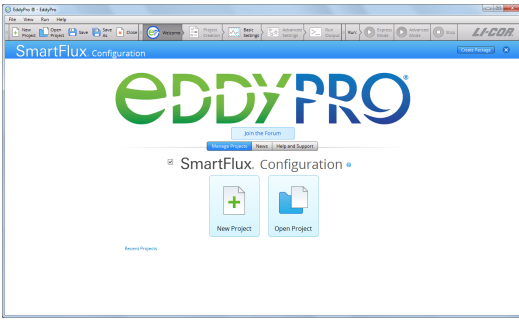
Click **Run** in **Express Mode.**

View **Results.**

Flux results are in the file named `eddypro_"Output ID"_full_output_YYYY-MM-DDTHHMMSS`.
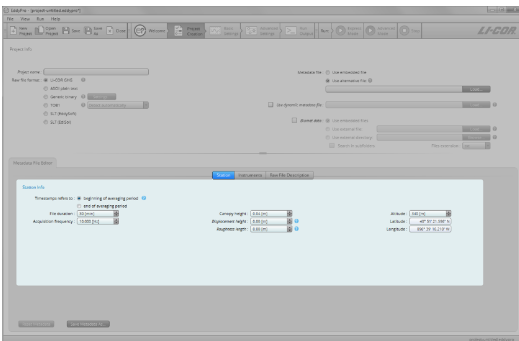
Processing other eddy covariance data in Advanced Mode
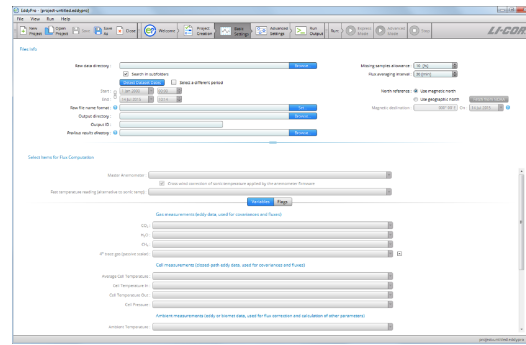
Create a **New Project**.

- Enter the **Project Name**.
- (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.

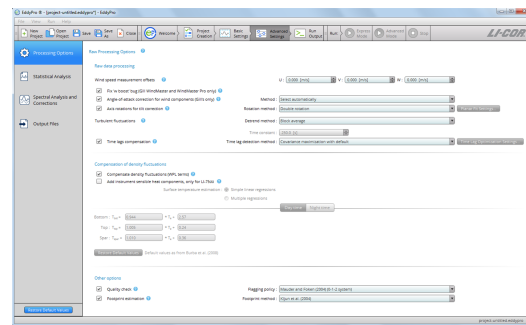Create a **New** or **Load** an **Existing Metadata File**.

- 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.
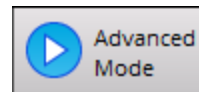
Set the **Raw Data Directory**.

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

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`.

LI-COR Biosciences
4647 Superior Street
Lincoln, Nebraska 68504
Phone: +1-402-467-3576
Toll free: 800-447-3576 (U.S. and Canada)
envsales@licor.com

LI-COR Distributor Network:
www.licor.com/env/distributors

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Regional Offices

LI-COR Biosciences GmbH
Siemensstraße 25A
61352 Bad Homburg
Germany
Phone: +49 (0) 6172 17 17 771
envsales-gmbh@licor.com

LI-COR Biosciences UK Ltd.
St. John's Innovation Centre
Cowley Road
Cambridge
CB4 0WS
United Kingdom
Phone: +44 (0) 1223 422102
envsales-UK@licor.com