# EcoLab Installation Guide

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System Requirements

To work with EcoLab, your system should be equipped with the following:

Software
- Windows: 98, ME, 2000, XP or Vista
- Mac: OS 9 or OS X
- Internet Explorer 5.0 or later

Hardware (PC)
- Pentium II 600 MHz or higher
- 32 MB RAM (64 MB recommended)
- 10 MB available disk space for the EcoLab application (50 MB to install the supporting applications)
- Available serial or USB port
- To operate the video window your system should be equipped with a video camera, an available USB port and a compatible camera driver (installation includes camera driver for the supplied Web camera)
- To be able to record and play voice comments your system should be equipped with a sound card, a microphone and a speaker (the camera supplied by Fourier includes a built-in microphone)

Hardware (Mac)
- PowerPC Macintosh G3 300 MHz or higher
- 64 MB RAM
- 15 MB available disk space
- USB port
- Recommended requirements for video recordings: PowerPC G4 processor, 500 MHz or higher, 256 MB RAM, 15 MB free disk space, USB port, camera
- To be able to record and play voice comments your system should be equipped with a microphone (the Logitech camera supplied by Fourier includes a built-in microphone)
EcoLab for PC Installation

**Warning:** Do not connect the supplied Web camera to your PC before you install the EcoLab software

**Note to Windows users:** EcoLab needs to modify its folder when running. Ask your system administrator for permission to gain access to all files in the EcoLab folder.

Instructions for installing and uninstalling EcoLab on your PC are provided below. Once the software is installed, if you are running the EcoLog XL via USB connection then you will need to install a USB driver so that the logger will be detected by the PC. Refer to the relevant section on installing the USB driver.

### Installing EcoLab on Windows XP

1. Close all open programs.
2. Insert the EcoLab CD into your PC's CD-ROM drive. The EcoLab Installation application will launch.
3. From the main menu, click **Installing EcoLab Software**.
4. You will now have two choices:
   a. Perform a **Full EcoLab Installation** – together with EcoLab, installs all necessary drivers and software for running EcoLab.
   b. Perform a **EcoLab Only Installation** – installs the EcoLab application only, without installing all related drivers and software.

**Performing Full Software Installation**

1. Click **Full EcoLab Installation** from the menu.
2. The Install Wizard will open. Click **Next** to continue the installation.
3. Select the option for agreeing to the terms of the EcoLab license agreement. Click **Next**.
4. Enter user name and company name in the Customer Information window.
5. Select the option regarding for which user the application should be installed. Click **Next**.
6. The default folder where EcoLab will be installed is C:\Program Files\Fourier Systems\EcoLab\. Click **Browse** to change this folder location, or click **Next**.
7. The default folder where the EcoLab data files will be stored is C:\Program Files\Fourier Systems\EcoLab\. Click **Browse** to change this folder location, or click **Next**.
8. EcoLab installation will proceed, followed by installation of associated Web cam drivers and Windows Encoders.
9. When installation is complete the Install Wizard prompts you to restart the computer. It is recommended to restart the computer now.

**Performing EcoLab Only Installation**

1. Click **EcoLab Only Installation** from the menu.
2. The Install Wizard will open. Proceed with the installation as described above for the Full Software Installation. However, only the EcoLab software will be installed.
3. When installation is complete the Install Wizard prompts you to restart the computer. It is recommended to restart the computer now.
Note: If you are reinstalling EcoLab after removing an older version, the camera driver is already installed on your system. In this case, the Install Wizard may prompt you to confirm the removal of the driver. Click **Cancel** to keep the camera driver on your system.

**Note:** When you plug in the supplied Web camera for the first time, Windows will automatically detect the new device and open the **Found New Hardware Wizard**. Follow the on-screen instructions. When prompted, select the **Install software automatically** option (there is no need to insert the installation CD). Windows will automatically detect and install the necessary software.

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**Installing EcoLab on Vista Business**

1. Close all open programs.
2. Insert the CD labeled **EcoLab** into your PC’s CD-ROM drive.
3. The EcoLab Installation application will launch.
4. From the main menu, click **Installing EcoLab Software**.
5. You will now have two choices:
   a. Perform a **Full Software Installation** – together with EcoLab, installs all necessary drivers and software for running EcoLab.
   b. Perform a **EcoLab Only Installation** – installs the EcoLab application only, without installing all related drivers and software.

**Performing Full Software Installation**

1. Click **Full Software Installation** from the menu.
2. The Install Wizard will open. Click **Next** to continue the installation.
3. Select the option for agreeing to the terms of the EcoLab license agreement. Click **Next**.
4. Enter user name and company name in the Customer Information window.
5. Select the option regarding for which user the application should be installed. Click **Next**.
6. The default folder where EcoLab will be installed is C:\Program Files\Fourier Systems\EcoLab\. Click **Browse** to change this folder location, or click **Next**.
7. The default folder where the EcoLab data files will be stored is C:\Program Files\Fourier Systems\EcoLab\. Click **Browse** to change this folder location, or click **Next**.
8. EcoLab installation will proceed, followed by installation of Windows Encoders.
9. When installation is complete the Install Wizard prompts you to restart the computer. It is recommended to restart the computer now.

**Performing EcoLab Only Installation**

1. Click **EcoLab Only Installation** from the menu.
2. The Install Wizard will open. Proceed with the installation as described above for the Full Software Installation. However, only the EcoLab software will be installed.
3. When installation is complete the Install Wizard prompts you to restart the computer. It is recommended to restart the computer now.

**Note:** Web cams provided by Fourier Systems are not supported by Windows Vista.
Installing the USB Driver for the EcoLog XL

You will need to install a USB driver to connect your EcoLog XL to your PC via a USB port.

If you didn’t install the USB driver during initial EcoLab installation, then follow the instructions below:

On pre-Windows XP systems
1. Insert the EcoLab installation CD into your CD drive.
2. Connect your data logger to a USB port on your PC and turn the data logger on.
   Windows will automatically detect the new device and open the **Found New
   Hardware Wizard**.
3. Select **Specify the location of the driver**, and then click **Next**.
4. Select **Search for the best driver for your device**, then check the **Removable
   Media** checkbox, and then click **Next**. Windows will automatically detect and copy
   the necessary files to your system.
5. Click **Finish**. Windows will open the **Found New Hardware Wizard** for the second
   time.
6. Click **Next** to complete the installation. Windows will automatically install the
   necessary components on your system.
7. Click **Finish**.

On Windows XP
1. Connect your data logger to a USB port on your PC and turn the data logger on.
   Windows will automatically detect the new device and open the **Found New
   Hardware Wizard**.
2. Select the **No, not this time** to prevent Windows from searching for software on
   the Internet, then click **Next**.
3. Select the option **Install from a list or specific location** and click **Next**.
4. Select the option to search manually for the driver, and select the checkbox
   **Include this location in the search**. Browse to the location of the USB driver,
   either on your EcoLab CD or on your PC hard disk. The name of the driver folder is:
   **Logger USB Driver**, and it resides in the **Drivers** folder in the EcoLab setup
directory.
5. Once you have located the driver folder, click **Next**. The driver will be installed on
   the PC.
6. Click **Finish**. Windows will open the **Found New Hardware Wizard** for the second
   time.
7. Click **Next** to complete the installation. Windows will automatically install the
   necessary components on your system.
8. Click **Finish**. The logger is ready to use and will now be detected by the PC.

On Windows Vista Business
1. Connect your data logger to a USB port on your PC and turn the data logger on.
2. Windows will not automatically detect the new hardware. From the **Start** menu,
   select **Computer**, and then click **System Properties** in the upper menu bar. In the **System**
   window, select **Device Manager** from the **Task** list on the left of the
   window.
3. In the Device Manager, locate the **Other devices** tree and right click on the **USB
   Serial Port** item. Select the **Update Driver Software** menu item.
4. Select the **Browse my computer for driver software**, and click **Next**.
5. Browse to the location of the USB driver, either on your EcoLab CD or on your PC hard disk. The name of the driver folder is: **Logger USB Driver**, and it resides in the **Drivers** folder in the EcoLab setup directory.
6. Once you have located the driver folder, click **Next**. The driver will be installed on the PC.
7. Click **Close** once the driver has been successfully installed. The logger is ready to use and will now be detected by the PC.

**Uninstalling EcoLab**

**Note:** Uninstalling EcoLab removes program files only. Project files and worksheets you created or modified in EcoLab will remain on your system and there is no need to create backups.

**To uninstall the software on Windows XP:**

1. From the **Start** menu select **Settings** then click **Control Panel**.
2. Double click **Add or Remove Programs**.
3. Select **EcoLab** from the list of programs.
4. Click **Remove**.
5. In the following dialog box, click **Yes** to confirm that you want to remove EcoLab.
6. When uninstall is complete you will be prompted to restart the computer. Select **Yes**.

**To uninstall the software on Windows Vista Business:**

1. From the **Start** menu select **Control Panel**.
2. Select **Programs > Uninstall a program**.
3. Select **EcoLab** from the list of programs and click **Uninstall** from the top of the window.
4. In the following dialog box, click **Yes** to confirm that you want to remove EcoLab.
EcoLab for Mac Installation

Instructions for installing and uninstalling EcoLab on your Mac are provided below. Once the software is installed, if you are running the EcoLog XL via USB connection then you will need to install a USB driver so that the logger will be detected by the PC. Refer to the relevant section on installing the USB driver.

Installing EcoLab
1. Close all open programs.
2. Insert the EcoLab CD into your Mac's CD-ROM drive.
3. Open the CD drive folder and double-click the EcoLab Installer icon, (the EcoLab Installer X file) then follow the on-screen instructions to complete the software installation.

Installing the USB Driver for the EcoLog XL

**Note:** Do not connect the EcoLog before the USB driver is installed.

1. Open the CD drive folder and navigate to the Drivers folder. There are two sub folders: Intel Macs and PowerPC Macs.
2. Enter the folder relevant to your Mac computer and run the driver installer. For Intel Macs, you will find three separate installers for Snow Leopard, Panther, Leopard and Tiger OS versions.
3. Once the driver is installed, you can connect the EcoLog and begin using the system.