

ALU Version 6.1
Installation Instructions
September 7, 2018

Installation Instructions for the Agriculture and Land Use National Greenhouse Gas Inventory Software Program (ALU)

ALU is free software developed at Colorado State University to conduct national greenhouse gas inventories for the Agriculture and Land Use, Land Use Change and Forestry sectors.

Requirements: The ALU program is compatible with Microsoft XP™ with Service Pack 3, Microsoft Vista™ with Service Pack 1, Microsoft Windows™ 7.0 - 10 operating systems. The ALU software works with both 32-bit and 64-bit operating systems.

IMPORTANT INSTALL NOTES:

- 1) Please note that the user must have “Administrative Privileges” in order to install ALU, as it will be installed in the Programs Files Folder on your computer. Please see your technical support staff if you do not have administrative privileges for assistance installing ALU.
- 2) The program also requires Adobe Acrobat Reader® Version 7 or later, in order to display the ALU Software Manual. The ALU Software will run without Acrobat Reader but you will not be able read the manual, which is in PDF format.
- 3) ALU creates reports in Microsoft® Excel spreadsheet format and requires either Microsoft® Excel 2003 or a later version, or a program which can open and interpret Excel 2003 file format.
- 4) The calendar on your computer must be in the standard Gregorian day format (this is generally the standard setting for most computer).
- 5) If you have any Installation problems after reading this file please report your issues to the following email: alu@nrel.colostate.edu.

Installation:

Step 1: Download the ALU software installation file from the website (www.nrel.colostate.edu/projects/ALUsoftware/)

*** IMPORTANT NOTE ABOUT PREVIOUS ALU VERSIONS: ***

ALU 6.1 is based on methods in the 2006 IPCC Guidelines. ALU 4.5 or less is based on methods in the 1996 IPCC Guidelines and Good Practice Guidance. ALU 6.1 will be a separate installation from ALU 4.5 or less. If you have ALU 4.5 or less you will also have ALU 6.1, the icon will display as “ALU IPCC 2006.”

Previous versions *usually* do not need to be removed before installing a new version.

Step 2: Double-click on the installation file and a series of windows will guide you through the steps necessary to load the software on your computer. Please note that ALU requires the Microsoft .Net Framework 4.0 to be installed. If your computer does not have this version of the .Net Framework installed, then the ALU installation program will install the new .Net Framework before installing ALU. The installation of the .Net Framework may take **several minutes**.

Step 3: Once installation is complete, double-click on the “ALU IPCC 2006” icon, which should be installed on your desktop, or you can find the program in the computer’s program list. The ALU logo screen will appear followed by the main ALU Window. If this is the first time you have used ALU, the program will display a Window called: "ALU: Create/Select User Database File", which will require you to create a new database file.

A database file is used by the ALU IPCC 2006 program to save your data. If you need to create a database, enter a name for your database file and click 'OK' on the "ALU: Create/Select User Database File" Window. NOTE: ALU IPCC 2006 does not use databases created in ALU Version 4.5 or earlier. Databases for ALU 4.5 or earlier require data that are based on a separate set of IPCC methods.

Step 4: You are now ready to proceed with data entry, emission factor assignment, and emission calculations. Please see the help menu items for "Getting Started", which provides details on how to use the ALU Software.

General Information:

Each ALU Window has a help icon in the upper left hand corner. Click on this help button to open the ALU Software Manual for the program. You can also print the manual after it has been opened. Note that the program will open the manual to the page with guidance on the form that is currently opened in the software.

We recommend that you request a user account at the following web site: www.nrel.colostate.edu/projects/ALUsoftware or by sending an email to alu@nrel.colostate.edu (Assuming you have not already registered). When updated versions are made available, the new release will be posted at the web site and a message will be sent to all registered users. The program can be downloaded from the web site free of charge.

We request that you report any problems with the installation or other problems with the software to the following email address to assist us in improving the ALU Software: [<alu@nrel.colostate.edu>](mailto:alu@nrel.colostate.edu).