

# Package: libcbmr (via r-universe)

October 14, 2024

**Title** Interface to the Carbon Budget Model Library Based on CBM-CFS3

**Version** 0.0.0.9008

**Description** Provides wrappers for working with 'libcbm\_py' in R.

**URL** <https://libcbmr.predictiveecology.org/>,  
<https://github.com/PredictiveEcology/libcbmr>

**Depends** R (>= 4.0)

**Imports** reticulate

**Suggests** covr, knitr, plyr, rmarkdown, testthat

**Language** en-CA

**License** MPL-2.0 + file(LICENSE)

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.3

**VignetteBuilder** knitr

**Config/reticulate** list( packages = list( list(package = ` ` libcbm" ) ) )

**Repository** <https://predictiveecology.r-universe.dev>

**RemoteUrl** <https://github.com/PredictiveEcology/libcbmr>

**RemoteRef** HEAD

**RemoteSha** 33c8217c172624588e638524c9b11dd96d1f697d

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install_libcbm	<i>Install libcbm python package</i>
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**Description**

Install libcbm python package

**Usage**

```
install_libcbm(method = "auto", conda = "auto", envname = NULL)
```

**Arguments**

method	Installation method. By default, "auto" automatically finds a method that will work in the local environment. Change the default to force a specific installation method. Note that the "virtualenv" method is not available on Windows.
conda	The path to a conda executable. Use "auto" to allow reticulate to automatically find an appropriate conda binary. See <b>Finding Conda</b> and <a href="#">conda_binary()</a> for more details.
envname	The name, or full path, of the environment in which Python packages are to be installed. When NULL (the default), the active environment as set by the RETICULATE_PYTHON_ENV variable will be used; if that is unset, then the r-reticulate environment will be used.

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libcbmr	<i>Interface to the Carbon Budget Model Library Based on CBM-CFS3</i>
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**Description**

DESCRIPTION NEEDED

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libcbm_cbm_exn_model	<i>cbm_exn_model</i>
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**Description**

DESCRIPTION NEEDED

**Usage**

```
libcbm_cbm_exn_model()
```

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libcbm\_cbm\_variables    *cbm\_variables*

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**Description**

DESCRIPTION NEEDED

**Usage**

libcbm\_cbm\_variables()

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libcbm\_libcbm\_resources  
*libcbm\_resources*

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**Description**

DESCRIPTION NEEDED

**Usage**

libcbm\_libcbm\_resources()

---

libcbm\_model\_variables  
*model\_variables*

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**Description**

DESCRIPTION NEEDED

**Usage**

libcbm\_model\_variables()

---

libcbm\_output\_processor  
*output\_processor*

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**Description**

DESCRIPTION NEEDED

**Usage**

libcbm\_output\_processor()

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py_use_env	<i>Use conda or virtual environment</i>
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**Description**

Will try to guess whether to use `use_condaenv()` or `use_virtualenv`.

**Usage**

```
py_use_env(envname = NULL)
```

**Arguments**

envname	Either the name of, or the path to, a Python virtual or conda environment.
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