
standfire Documentation

Release

Author

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Contents:

fuels module

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class `fuels.Fvsfuels` (*variant*)

Bases: `object`

`get_obj_data()`

`get_simulation_years()`

`get_snags` (*year*)

`get_spcodes()`

`get_standid()`

`get_trees` (*year*)

`run_fvs()`

`save_all()`

`save_snags_by_year` (*year*)

`save_trees_by_year` (*year*)

`set_dir` (*wdir*)

Sets the working directory of a Fvsfuels object

This methods is called by `Fvsfuels.set_keyword()`. Thus, the default working directory is the folder containing the specified keyword file. If you wish to store simulation outputs in a different directory then use this methods to do so.

Parameters `wdir` (*string*) – path/to/desired_directory

Example

```
>>> from standfire.fuel import Fvsfuels
>>> test = Fvsfuels("emc")
>>> test.set_keyword("/Users/standfire/test/example.key")
```

Whoops, I would like to store simulation outputs elsewhere...

```
>>> test.set_dir("/Users/standfire/outputs/")
```

`set_inv_year` (*inv_year*)

set_keyword (*keyfile*)

Sets the keyword file to be used in the FVS simulation

This method will initialize a FVS simulation by registering the specified keyword file (.key) with FVS. The working directory of a Fvsfuels object will be set to the folder containing the keyword file. You can manually change the working directory with Fvsfuels.set_dir(). This function will also call private methods in this class to extract information from the keyword file and set class fields accordingly for use in other methods.

Parameters **keyfile** (*string*) – path/to/keyword_file. This must have a .key extension

Example

```
>>> from standfire.fuels import Fvsfuels
>>> test = Fvsfuels("iec")
>>> test.set_keyword("/Users/standfire/test/example.key")
```

set_num_cycles (*num_cyc*)**set_time_int** (*time_int*)

Indices and tables

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