

2024 WRF-Fire Tutorial Reference Materials

- [Ensure that you understand the basics of WRF](#)
- [First step of the WRF-Fire Tutorial](#)
- [WRF-Fire Tutorial GitHub Repository](#)
- [WRF-Fire Wiki Tutorial](#)
 - [How to download, compile, and run WRF-Fire](#)
- Instructional YouTube videos
 1. [Geogrid](#)
 - a. [How to download data from LANDFIRE](#)
 - b. [How to convert LANDFIRE tif files to binary files for WPS \(manually\)](#)
 - c. [How to convert LANDFIRE tif files to binary files for WPS \(automatically using wrfcpy\)](#)
 2. [Ungrib](#)
 3. [Metgrid](#)
 4. [Running an Idealized Case](#)
 - a. [Example cases with plotted solutions](#)
 5. [Running a Real Case](#)
 6. [Namelist](#)
 7. [Starting a Simulation From a Perimeter](#)
 - a. [Python code to modify input file to include fire perimeter](#)
 - b. [Example C34 perimeter file](#)
 8. [Visualization and Assessment](#)
 - a. [Visualization and Analysis Platform for Ocean, Atmosphere, and Solar Researchers \(VAPOR\)](#)
 - i. [Example visualization](#)
 - ii. [NASA Worldview map creator](#)
 - iii. [Python API installation instructions](#)
 - iv. [Example particles data for embers](#)
 - v. [FXLAT fixer script](#) and [WRF github issue](#)