Integrating Air Quality Tools with WFDSS

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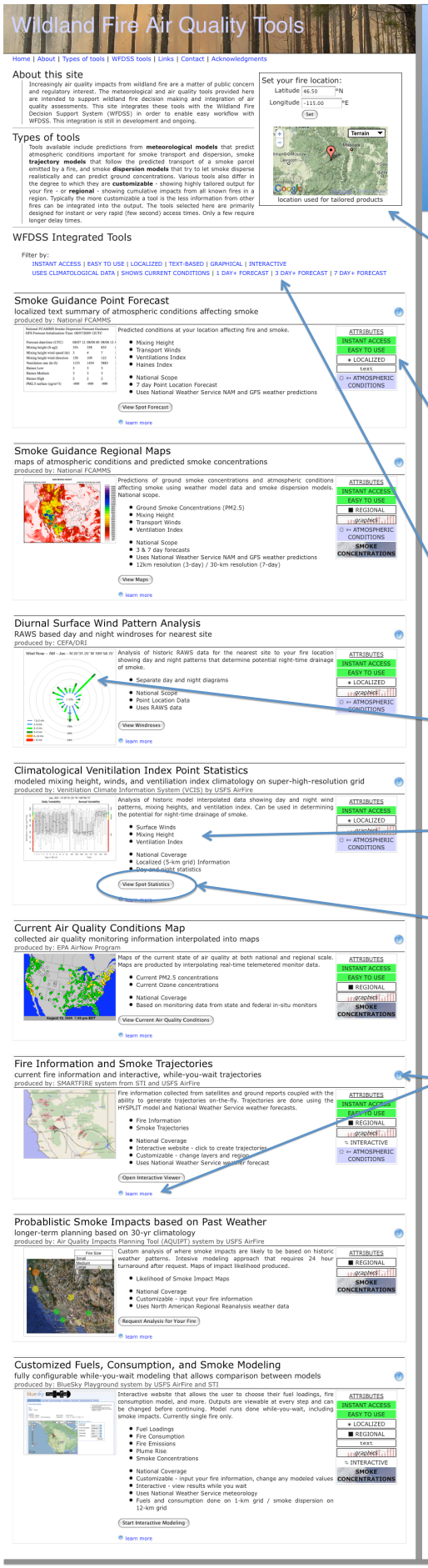

The website is accessed through a link in WFDSS. It automatically receives your fire's information from WFDSS, but you can also change it here. This information is then passed on to the various tools in order to avoid duplicate entry and to drill down to specific regions and locations.

Each tool has a list of attributes to tell you whether it is easy to use, provides instant access, and more. Specific tags let you know if the tool can be localized to give you spot information or if only regional data is available.

If you are looking for particular kinds of information you can filter the list to show only tools with that information. For example if you need a forecast for 3 days from now select "3 day+ forecast."

Small images of the tool's output are shown to provide an example of what you might expect from that tool

Each tool has a highlights list to briefly describe the functionality and underlying data used.

Clicking on the button sends your fire's data to the tool, and, in most cases, returns the relevant information back to you shortly (a few seconds later).

Not sure what to do? Question marks indicate available help. Clicking on a question mark returns a tool-specific FAQ that includes:

- more information on the tool
- a discussion of potential uses for the tool
- a description of how to navigate the tool's website
- links to the tool's help pages (if available)

More tools to come:

The page reflects the first round of air quality tools identified. Additional tools will be added as they become available and able to be integrated into the information flow.

Goals:

- To provide access to available air quality and smoke tools quickly and easily through WFDSS
- To use data from WFDSS to drill-down into existing tools for relevant information
- To avoid the need for duplicate entry of information
- To provide "one-stop" portal access to the most useful and relevant air quality tools
- To provide help and how-to-use instructions

Status and Next Steps:

- Website currently in prototype phase
- Work being done to add drill-down capability
- Some tools being revised to work with WFDSS data
- Currently using fire location from WFDSS
- Future work will incorporate additional WFDSS data

Questions:

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