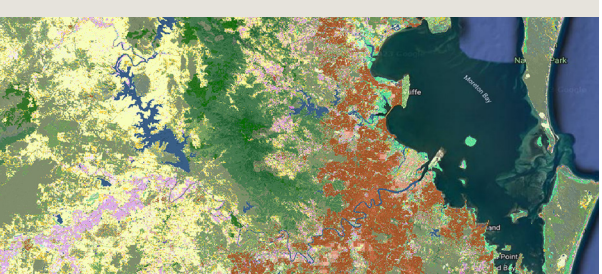
PRODUCT OVERVIEW

Wildfire Data as a Service (DaaS)

Data layers delivered:

- **Fuel type map:** Fuel IDs based on vegetation type, structure, and drought condition
- **Fuel definition parameter files:** Multi-system compatible
- **Fuel legend files:** Standardized for GIS visualization
- **Optional intermediate layers:** Satellite imagery, structural classes, drought states, and base vegetation types
- **Simulator-ready formats:** Phoenix-ready, with additional export formats available on request

Delivered by secure download or WMS/WMTS for direct integration into existing geospatial workflows



Ready to improve your fuel data?

Contact AEM at **info@aem.eco**

High-resolution wildfire fuel data built for modern fire modeling

Fuel data is often the weakest input in wildfire prediction, as most models still rely on broad, static maps that lag current conditions and miss key structural differences. AEM's Wildfire DaaS delivers dynamic fuel layers built from vegetation type, structure, and drought condition, updated every 10 days, giving analysts a more precise foundation for fire behavior modeling and risk analysis.

20 meter	10-day	150+	Global
spatial resolution	update cycle	dynamic fuel variants	coverage

Benefits

- Model with fuel inputs that reflect actual conditions, including vegetation type, structure, and drought state, for more precise fire behavior outputs.
- Strengthen fire behavior analysis with fuel characterizations that capture ignition potential, spread rate, and intensity across your area of interest.
- Fit into your existing stack without friction, with outputs ready for fire behavior simulators, Common Operating Platforms, GIS platforms, and custom workflows.
- Tune fuel definitions to your region by applying field observations and defining custom base fuel types for local conditions.
- Scale coverage to your project scope, from consistent global baseline data to advanced region-specific characterizations with more nuanced fuel type differentiation.