



Accurately assess & forecast wildfire potential & forestry health

About Earth Knowledge™ Forestry & Wildfire

Climate change is impacting the range, severity and frequency of wildfires across the globe. Earth Knowledge climate and data scientists help fire and forestry agencies understand their current and future wildfire potential and forestry health to protect communities by utilizing the power of our planetary digital twin and sophisticated system/subsystem AI & ML modeling.

What we offer

Earth Knowledge™ Forestry & Wildfire on Azure empowers government agencies with detailed wildfire exposure and forestry health data, identifying current and future wildfire hotspots. Data is simulated monthly (or bi-weekly during peak fire season) with spatial resolution of 250m or higher, globally.

Unlike other wildfire solutions, Earth Knowledge is a true proactive solution for government, providing fire and forestry agencies with predictive intelligence to optimize resource planning, protect critical infrastructure and mobilize assets before ignition occurs.

Earth Knowledge™ Forestry & Wildfire and our planetary digital twin are native Azure solutions integrated seamlessly with best-in-class geospatial providers such as ArcGIS by ESRI and is available on the Azure marketplace.

Data-science provider



California Department of Forestry
& Fire Protection



California Department of Water
Resources

Earth Knowledge

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[See our offer on the Microsoft Azure Marketplace](#)

Why Microsoft Azure?

Be future-ready

Continuous innovation from Microsoft supports your development today, and your product visions for tomorrow. With 1,000+ new capabilities in the past year, you can build on the latest advancements in AI, blockchain, Kubernetes, containers, and databases to keep you ahead of the curve.

Our enterprise grade analytics solution outperforms the competition, costs less, and is fully compatible with your existing development, BI, and data-science tools

Operate hybrid seamlessly

On-premises, in the cloud, and at the edge—we'll meet you where you are. Integrate and manage your environments with tools and services designed for hybrid cloud.

Enhance security, simplify access, and set smart policies across your different environments with a single-identity platform trusted by 90% of enterprises globally.

Build on your terms

You have choices. With a commitment to open source and support for all languages and frameworks, build and deploy how you want to. Take advantage of the full-featured, integrated development environments with built-in support Visual Studio and Visual Studio Code, the most popular IDEs trusted by 15M+ developers.

We embrace open source, drive innovation through collaboration, and contribute back to the community.

Trust your cloud

Get security from the ground up, backed by a team of experts, and proactive compliance trusted by enterprises, governments, and startups.

With a \$1B+ investment in security R&D and 3,500 cybersecurity experts, security is foundational for Azure.



Microsoft Azure

Microsoft Azure is an ever-expanding set of cloud computing services to help your organization meet its business challenges. With Azure, your business or organization has the freedom to build, manage, and deploy applications on a massive, global network using your preferred tools and frameworks.

Learn more at
www.azure.com

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