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**A platform for wildfire fighting: A comprehensive approach**

(Conference Paper)

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## Abstract

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This paper describes a support platform for integrating services and technologies, most of them specifically devoted to wildfire fighting. The platform presented summarizes a three years work project, funded by the Prometeo research project, involving a consortium of fifteen companies and several research centers and universities. Sensors, control command centers, 3D visualization technologies, fire real-time simulations, fire fighting helicopters and airplanes, or fire fighters, among the most relevant, are examples of the entities integrated into a comprehensive approach whose main purpose consists in avoiding the "information island" phenomenon, currently dramatically impacting the wildfire fighting task.

## Indexed keywords

**Engineering controlled terms:** Aircraft control; Fire extinguishers; Fire fighting equipment; Three dimensional computer graphics

3-D visualization technology; Control command; Fire fighters; Fire fighting; Information island; Real time simulations; Research center

**Engineering main heading:** Fires

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