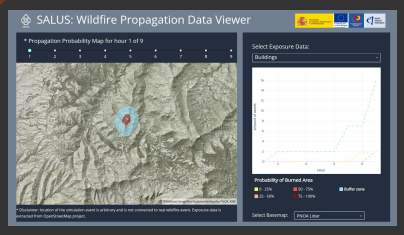
SALUS

Image by Malachi Brooks from Unsplash

Data Viewer

Results from the questionnaire

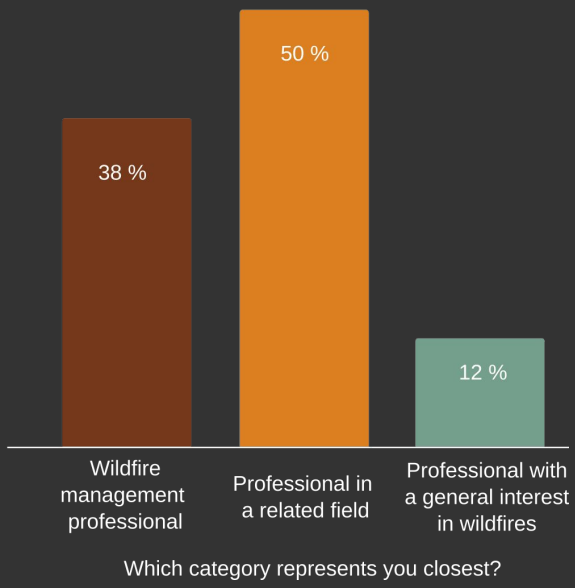


Wildfire Risk Solutions for Spain

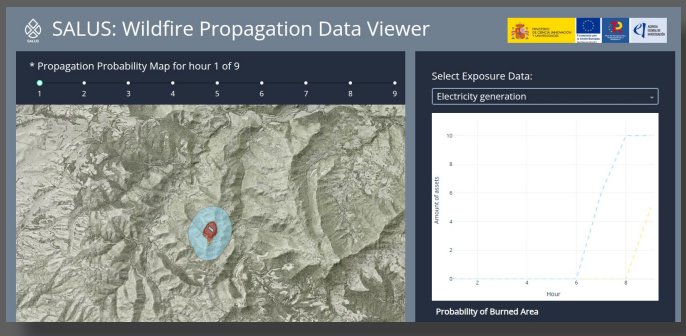
Introduction

We have received numerous responses following the invitation to participate in the survey. This report provides a summary of the key findings and conclusions. If you still wish to complete the survey, you will find the link in the conclusions section.

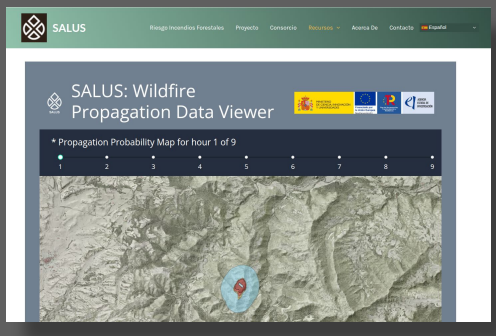
The majority (88%) of survey participants have a direct or indirect relationship with the field of forest fires and 12% have a general interest in the topic.



Ways to Access the Data Viewer:



Data Viewer

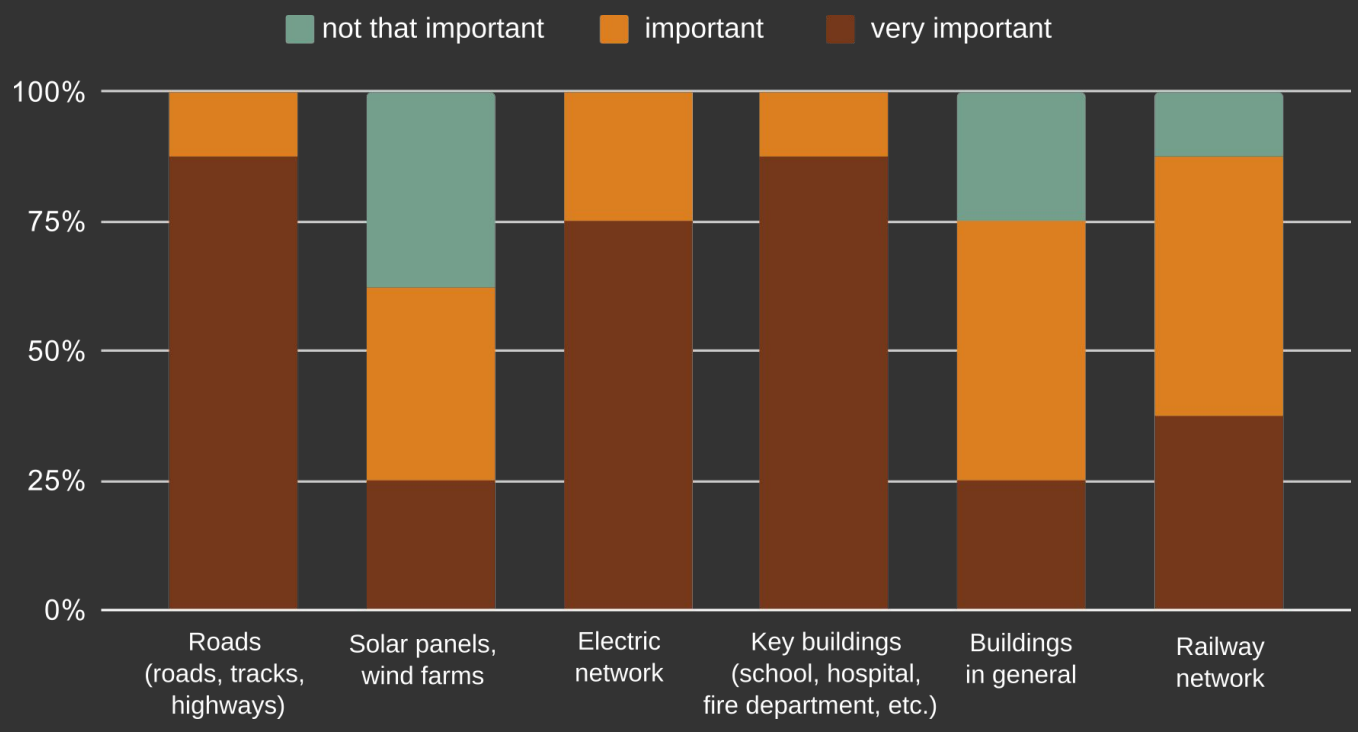


Embedded Data Viewer

Wildfire Risk Solutions for Spain

Categories of Infrastructure

In summary, the vast majority (88.24%) considered that the proposed infrastructure categories to be important or very important. Road network, electrical grid, and essential buildings were rated as very important by 57%.

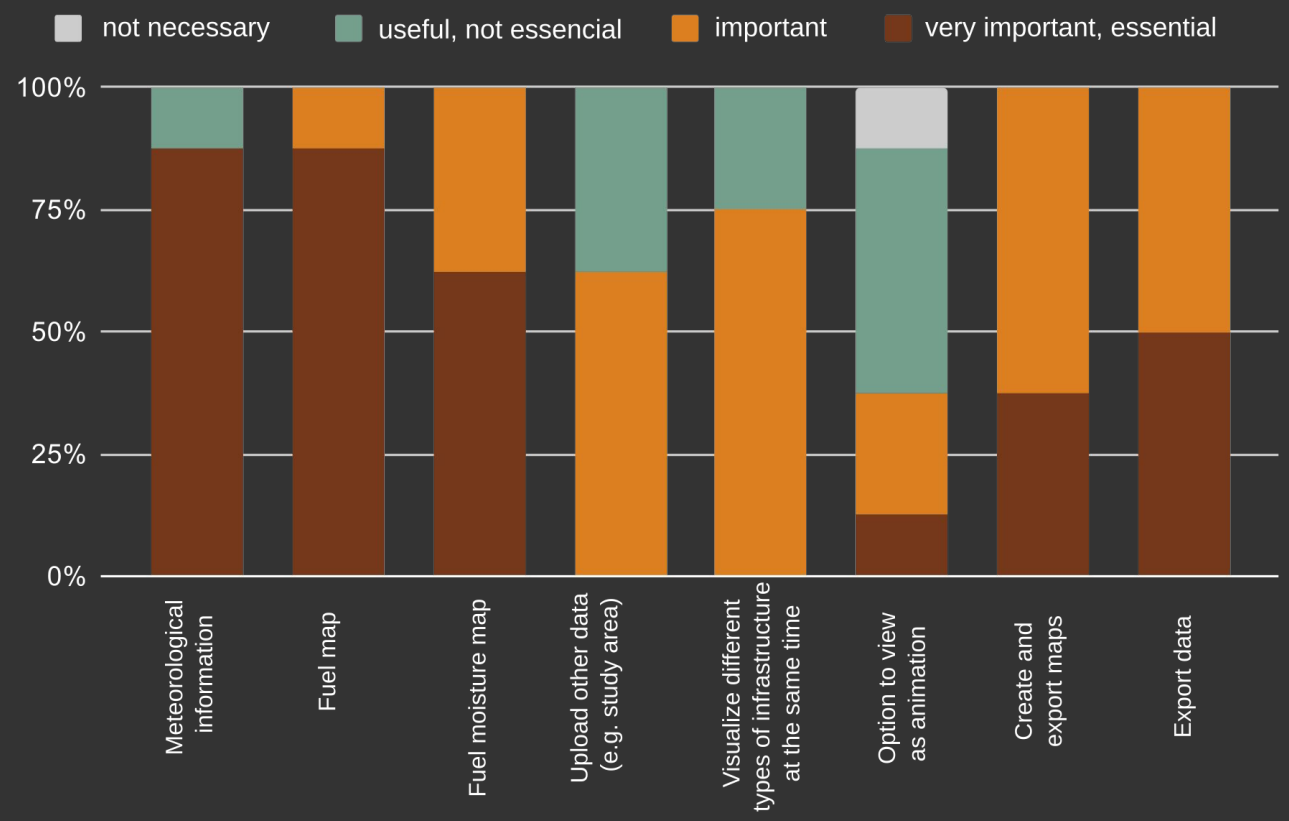


Suggestions for other infrastructure categories which should be considered:

- Recreational areas, campsites
- Other areas with high concentrations of people
- Farms with animals
- Homes in small and/or remote municipalities
- Landfills, desalination plants, composting plants, antennas, and repeaters

Future Implementations

The vast majority of suggestions proposed to implementing in a future version of the data viewer were rated as either important or very important.

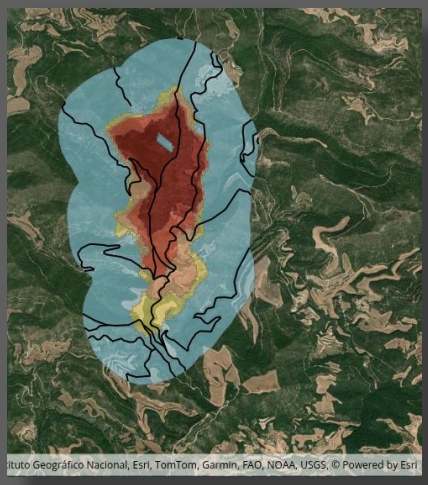


In addition to rating the established suggestions, participants were given the opportunity to propose other implementations. In this case, a suggestion to provide the option to visualize data in 3D was rated as "useful, not essential."

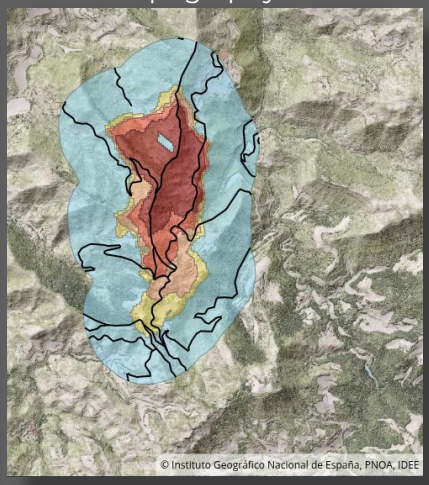
Basemaps

Currently, there are three background maps available for the map window to combine it with the fire perimeters and exposed infrastructure. Each basemap contributes to a different set of information.

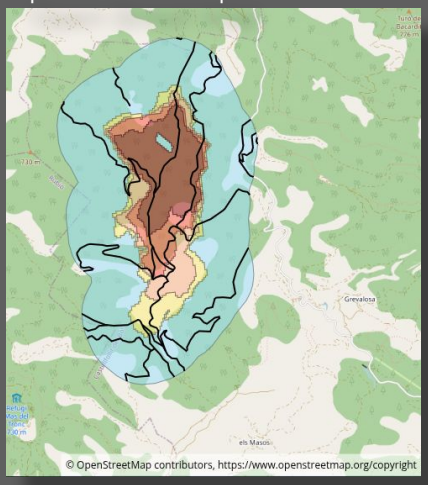
Satellite Mosaic ESRI



Shaded Topography PNOA



Open Street Map



Feedback from the questionnaire showed that all basemaps were considered informative and essential. Participants were also able to share other types of data, and these were the suggestions:

- Recent rainfall map
- Drought (duration) map
- Orthophoto with contour lines
- Topographic map, scale 1:10,000 or 1:25,000

Feedback for the Data Viewer

In summary, the map and graph were considered informative and readable. We received valuable and detailed suggestions for improving the graphical display of infrastructure objects.

Map Window

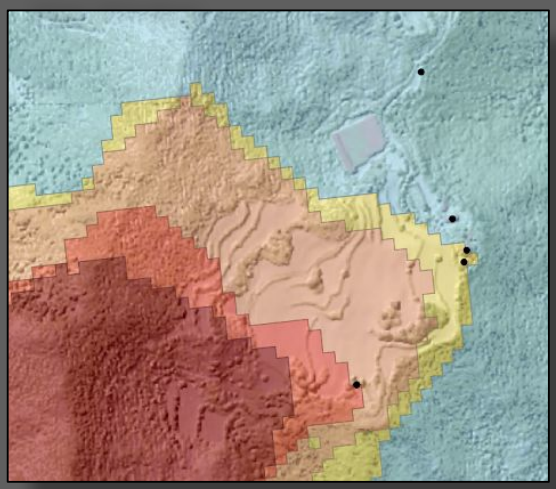
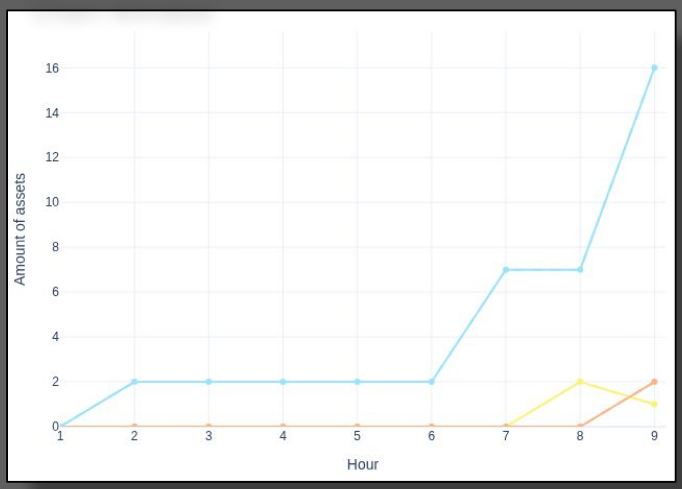


Chart Window



Suggestions for improving map and chart windows:

- Use icons to better represent the object in the real world (e.g. a house icon, not a dot)
- Differentiate between infrastructure types using size and color
- Add a scale and geographic north to the map
- Include a legend on the map
- Use the absolute time and date of the event

Conclusions

The data viewer received positive feedback from the participants. It was confirmed that most infrastructure categories were considered relevant for wildfire hazard and risk analysis.

Furthermore, contributions and responses related to future implementations - both in terms of functionality and the incorporation of new data sources - were especially valuable. The results confirmed that the vision and direction proposed for a future version are aligned with the expectations of potential users.

If you would like to contribute the questionnaire, it is still available:
Questionnaire URL

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