

# **Visual Assessment of Building Damage in the Turkey Earthquake on Feb. 6, 2023**

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# Open Data (Satellite Images)

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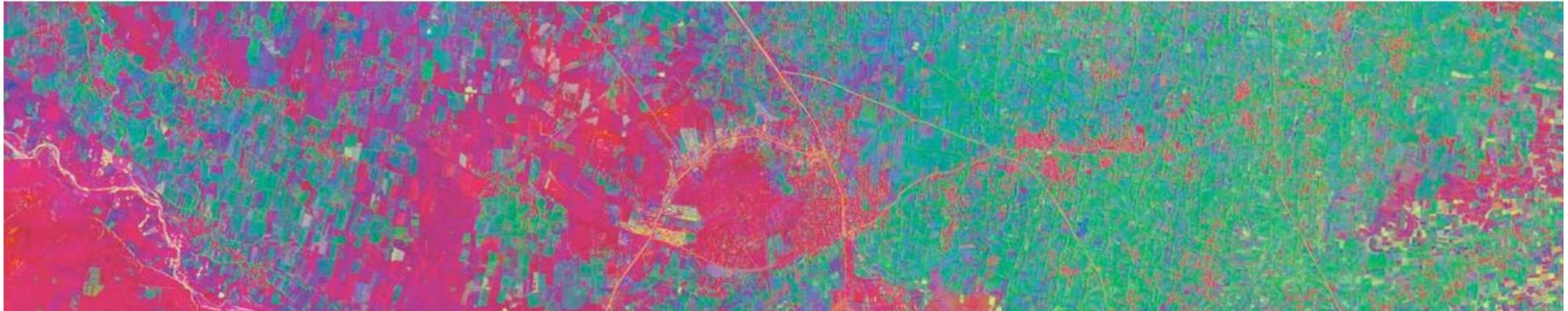
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Post-event satellite images by WorldView-3 are available at:

<https://www.maxar.com/open-data/turkey-earthquake-2023>

# Method

Pre-event image (Google earth)

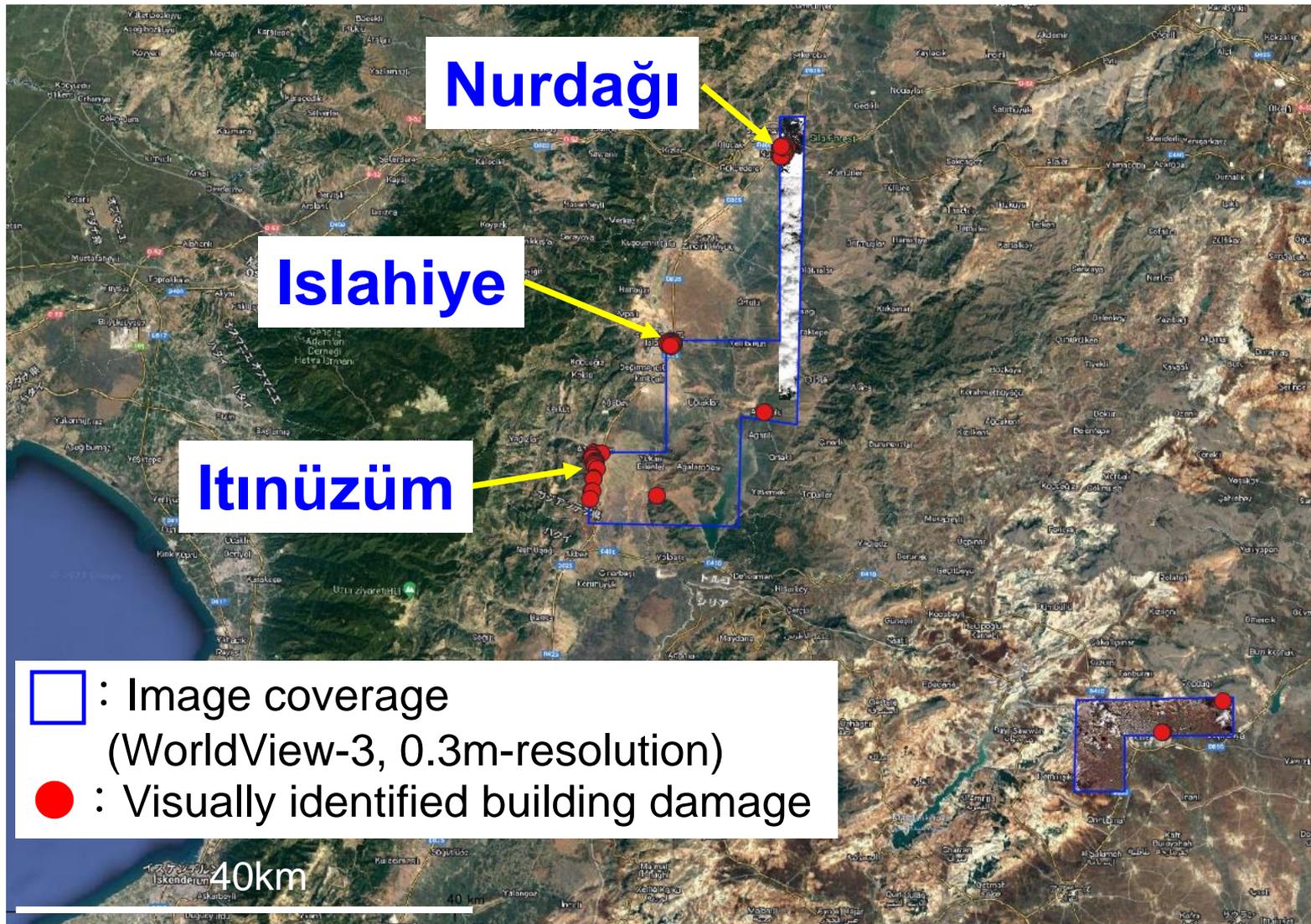


Post-event satellite image

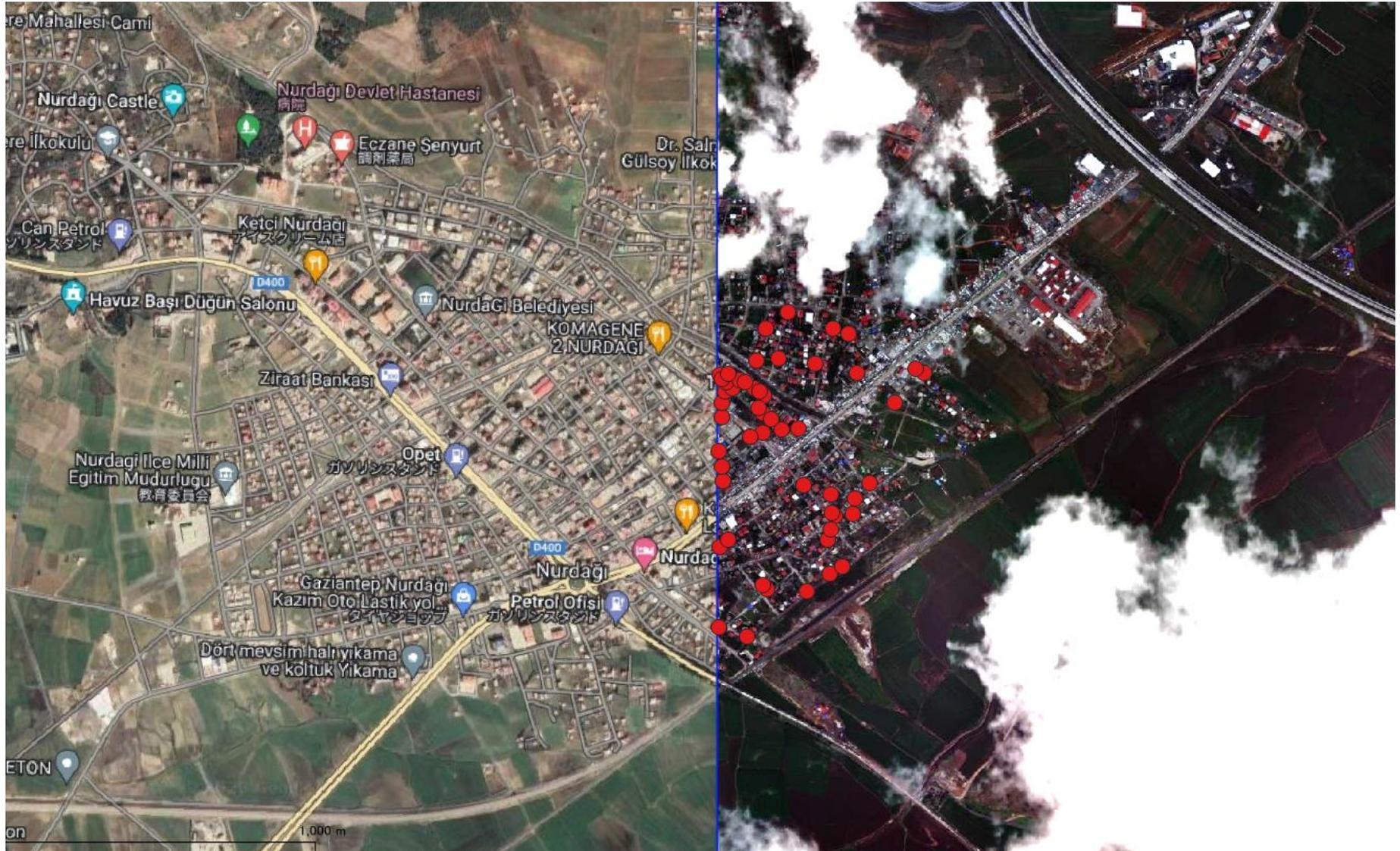


- ✓ Visual inspection was applied to pre- and post-event images.
- ✓ Debris of building roofs and around building were identified.

# Target Area in Southern Turkey



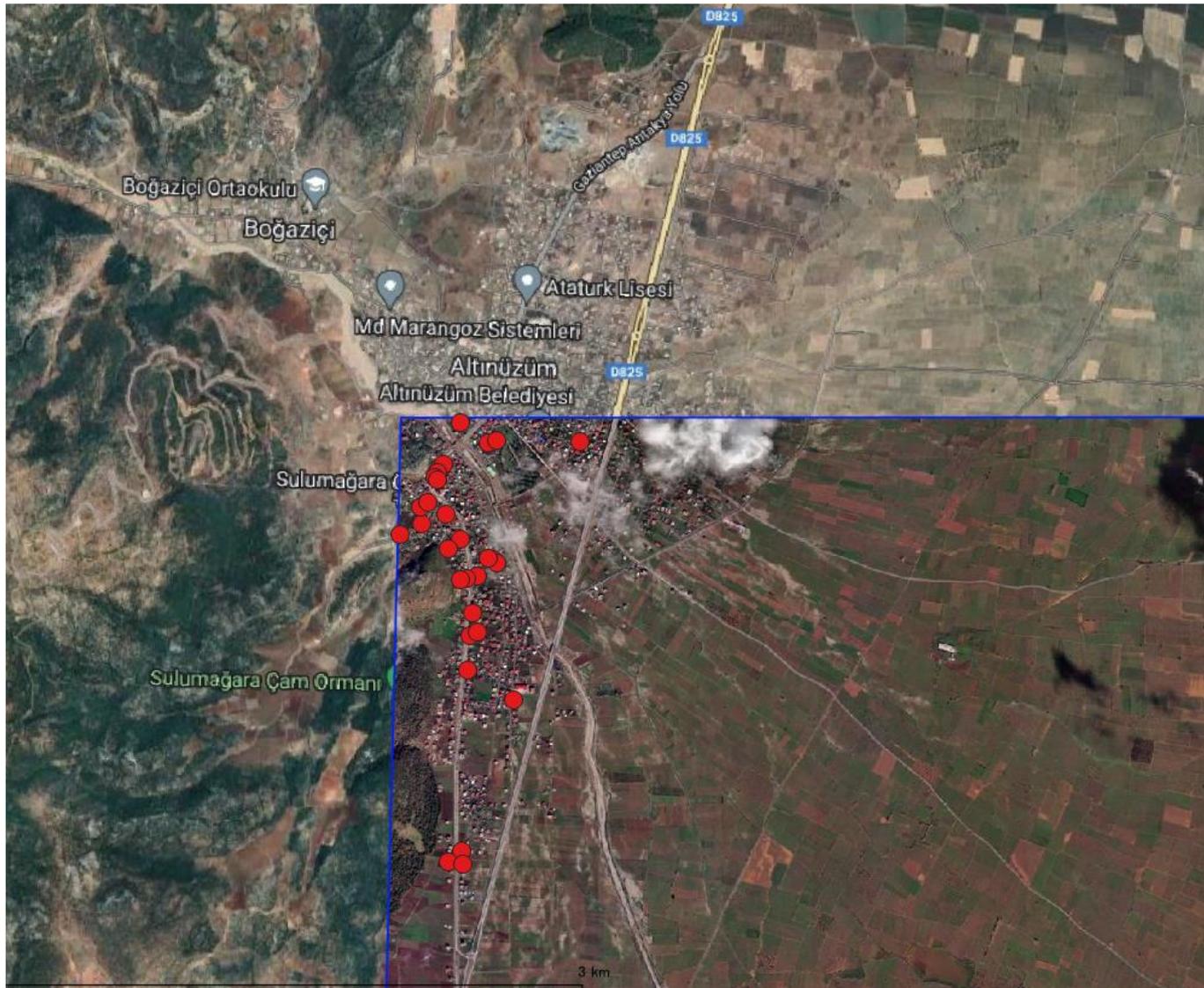
# Building Damage in Nurdağı



# Building Damage in Islahiye



# Building Damage in Altınüzüm



# Summary

- ✓ Satellite image coverages are still limited.
- ✓ More intensive observation would be expected because heavily damaged area such as Kahramanmaraş was not covered.
- ✓ The results of the visual inspection from satellite images show that severe building damage was identified in Nurdağı town.

Acknowledgement:

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