


02 November 2023

PRELIMINARY SATELLITE-DERIVED DAMAGE ASSESSMENT

Acapulco town, Acapulco de Juárez Municipality, Guerrero State, Mexico

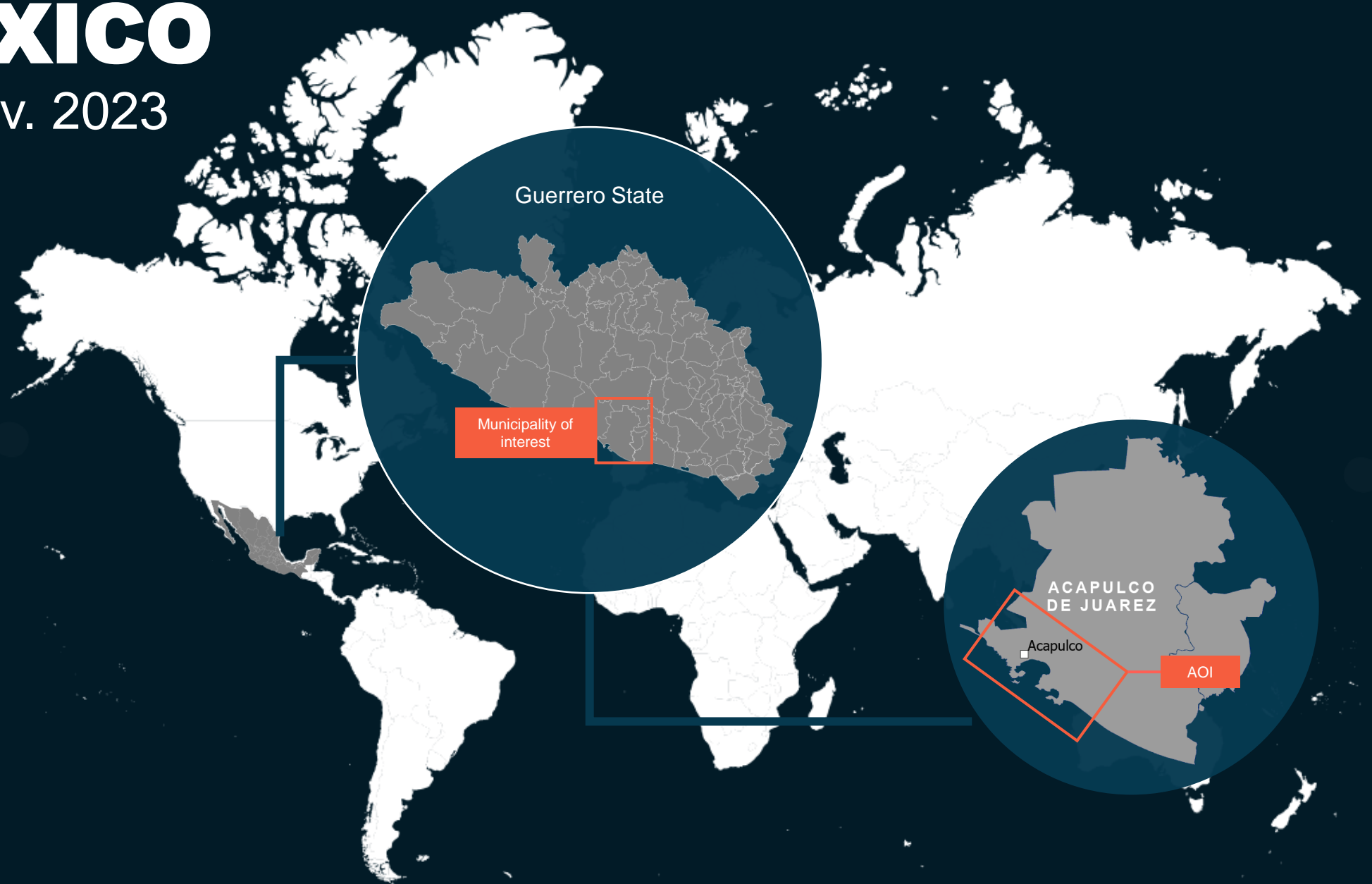


 Status: Widespread damaged structures and affected road observed

 Further action(s): continue monitoring

MEXICO

02 Nov. 2023



Guerrero State

Municipality of
interest

ACAPULCO
DE JUAREZ

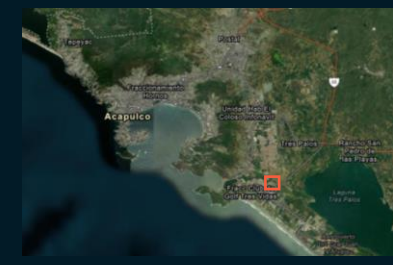
Acapulco

AOI

AOI 1 – 1: Acapulco town, Acapulco de Juárez Municipality, Guerrero State

Widespread damaged structures and flooded roads

Image center:
99°47'49"W
16°47'58"N



WorldView-2 / 12 October 2023

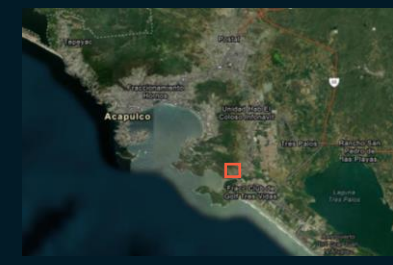


WorldView-2 / 31 October 2023

AOI 1 – 2: Acapulco town, Acapulco de Juárez Municipality, Guerrero State

Widespread damaged structures and affected road

Image center:
99°49'48"W
16°48'30"N



WorldView-2 / 12 October 2023

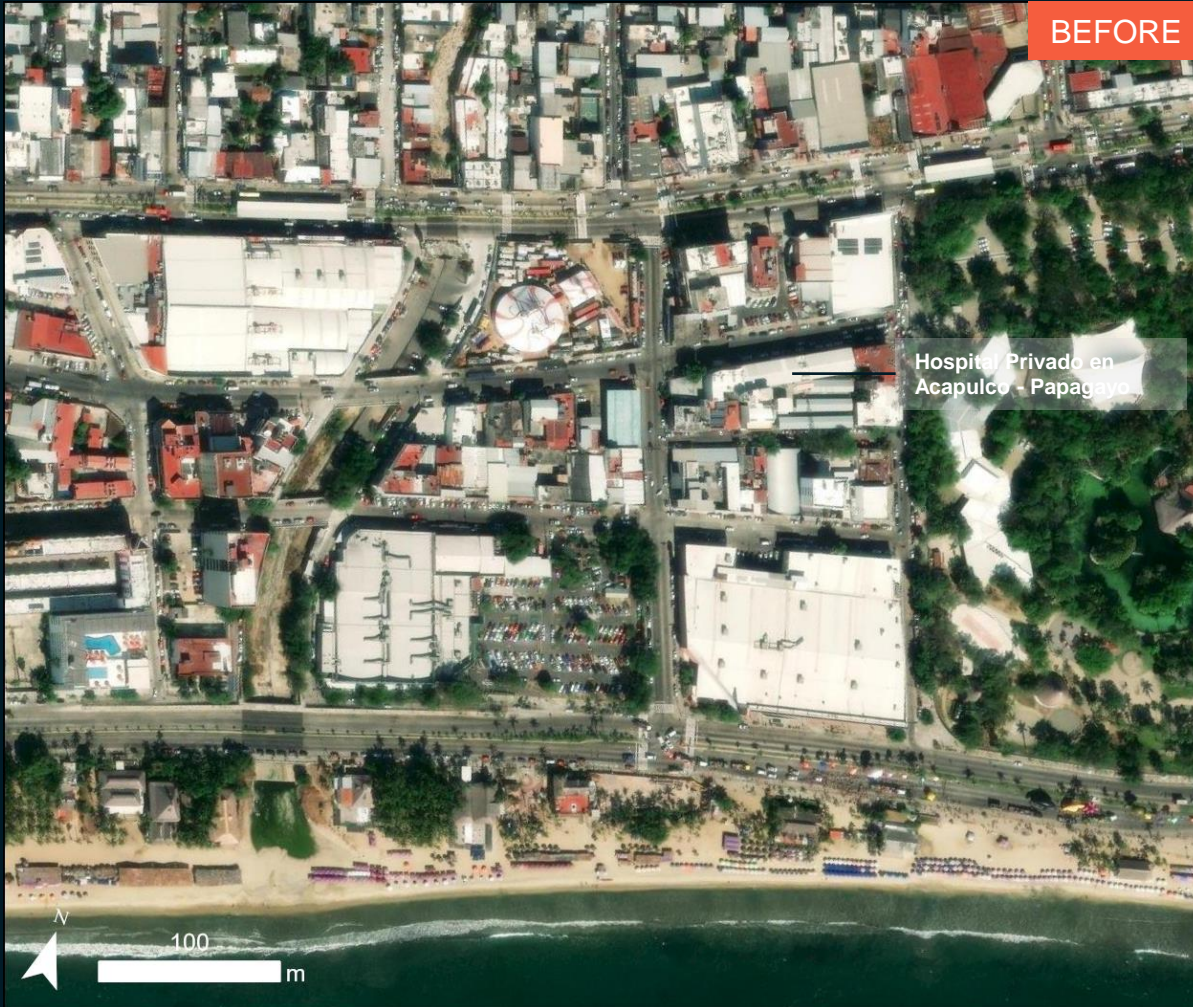
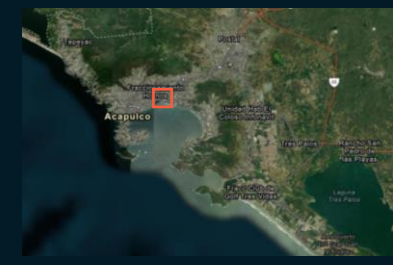


WorldView-2 / 31 October 2023

AOI 1 – 3: Acapulco town, Acapulco de Juárez Municipality, Guerrero State

Widespread damaged structures and flood evidence

Image center:
99°53'30"W
16°51'31"N



BEFORE

Hospital Privado en
Acapulco - Papagayo

GeoEye-1 / 6 January 2023



AFTER

Damaged structure

Hospital Privado en
Acapulco - Papagayo

Damaged structure

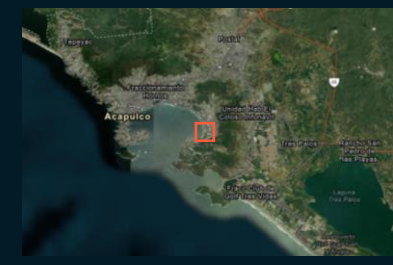
Severe damaged structured
along the shoreline

WorldView-2 / 31 October 2023

AOI 1 – 4: Acapulco town, Acapulco de Juárez Municipality, Guerrero State

Widespread damaged structures

Image center:
99°50'52"W
16°50'39"N



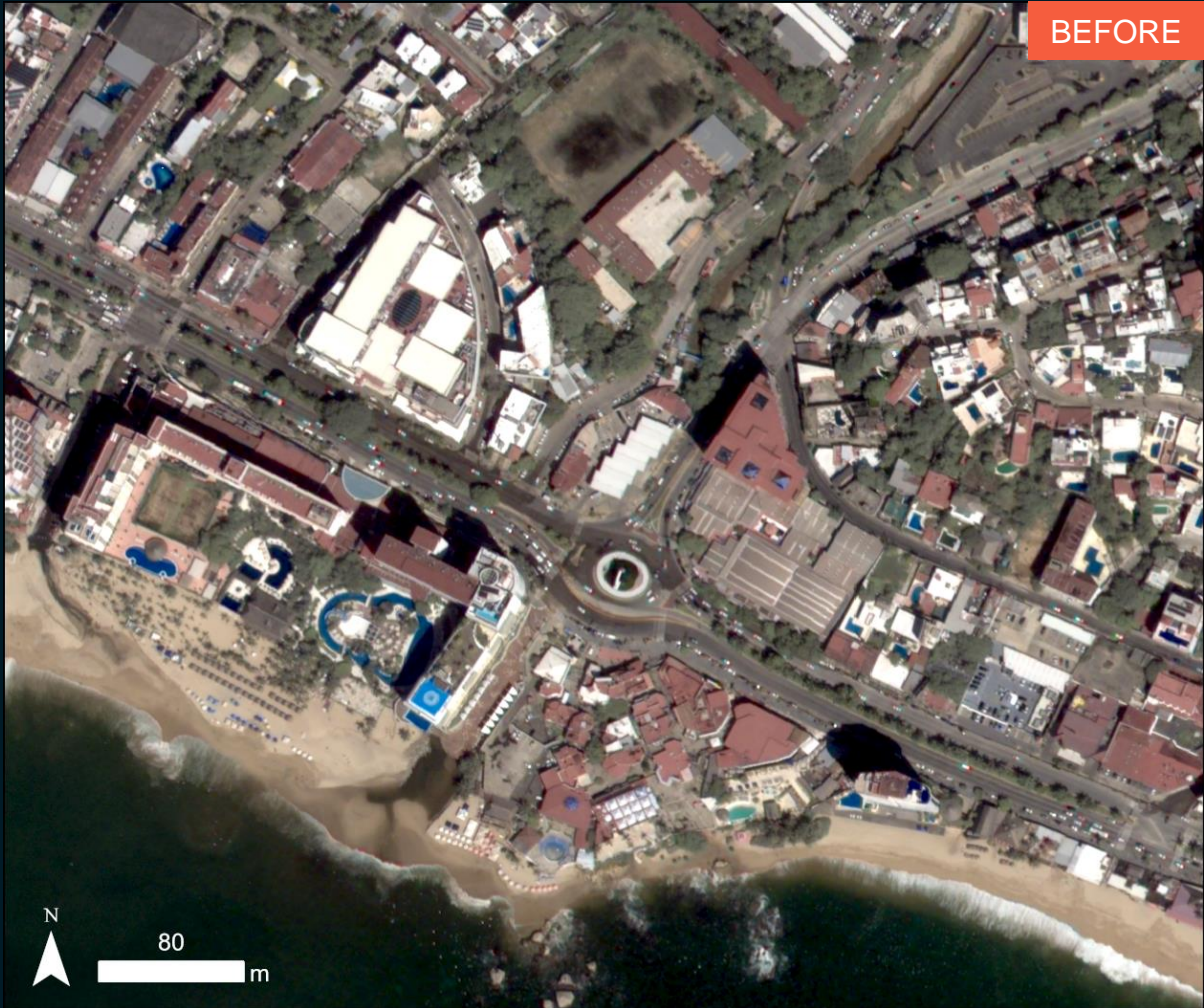
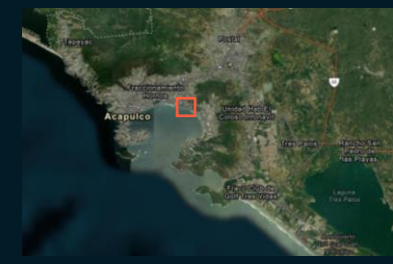
GeoEye-1 / 6 January 2023

WorldView-2 / 31 October 2023

AOI 1 – 5: Acapulco town, Acapulco de Juárez Municipality, Guerrero State

Damaged structures

Image center:
99°52'21"W
16°51'34"N



BEFORE



AFTER

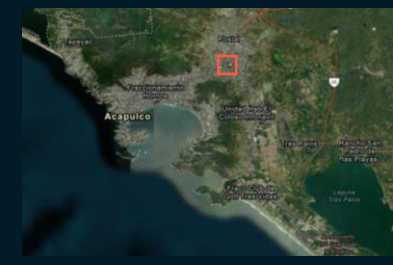
GeoEye-1 / 6 January 2023

WorldView-2 / 31 October 2023

AOI 1 – 6: Acapulco town, Acapulco de Juárez Municipality, Guerrero State

Damaged structures

Image center:
99°49'21"W
16°53'47"N



GeoEye-1 / 6 January 2023



WorldView-2 / 31 October 2023

SUMMARY OF FINDINGS

- Widespread damaged structures observed in Acapulco town and along the shoreline of Acapulco Bay, Acapulco de Juárez Municipality, Guerrero State as of 31 October 2023;
- Flash flood affected road observed in Acapulco town and along the shoreline of Acapulco Bay, Acapulco de Juárez Municipality, Guerrero State as of 31 October 2023;
- Widespread affected vegetation observed in Acapulco town and along the shoreline of Acapulco Bay, Acapulco de Juárez Municipality, Guerrero State as of 31 October 2023.

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Data sources:

(1)

Satellite Image (Post-event): WorldView-2

Acquisition date : 31 October 2023, 17:19 UTC

Resolution: 50cm

Copyright: © (2023) DigitalGlobe, Inc.

Source: USGS / HDDS

(2)

Satellite Image (Pre-event): WorldView-2

Acquisition date : 12 October 2023, 17:16 UTC

Resolution: 50cm

Copyright: © (2023) DigitalGlobe, Inc.

Source: USGS / HDDS

Satellite Image (Pre-event): ESRI Basemap

(3) Ancillary data

Administrative boundaries: UNOCHA

Populated place: OpenStreetMap

Waterway: OpenStreetMap

Analysis: United Nations Satellite Centre (UNOSAT)

Production: United Nations Satellite Centre (UNOSAT)

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