



27 AUGUST 2020

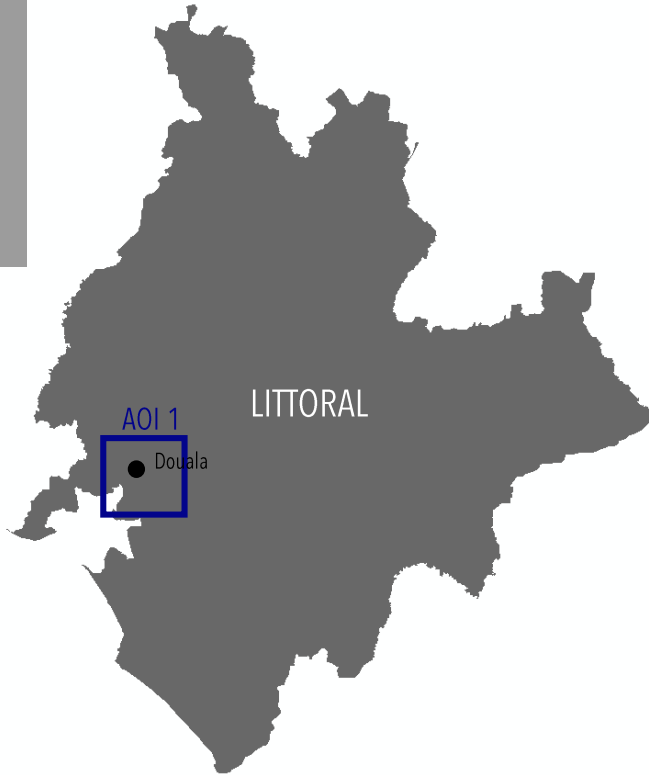
## PRELIMINARY SATELLITE-DERIVED FLOOD ASSESSMENT IN DOUALA, LITTORAL REGION, CAMEROON


STATUS: FLOOD WATER DETECTED

FURTHER ACTION(S): CONTINUE MONITORING



## OVERVIEW / BASED ON AOIs ASSESSED



-  AREA OF INTEREST (AOI)
-  REGION

Date of assessment validity:

### Impact and severity\*:

- undetected
- limited impact potentially
- significant impact potentially

### Potentially affected elements at risk (indicate all that are applicable):

- buildings - residential
- buildings - commercial/ industry
- vulnerable structures (e.g. schools, hospitals, water, sanitation, power)
- internally displaced persons (IDP) camps
- transportation network
- agriculture
- other:

### Data sources:

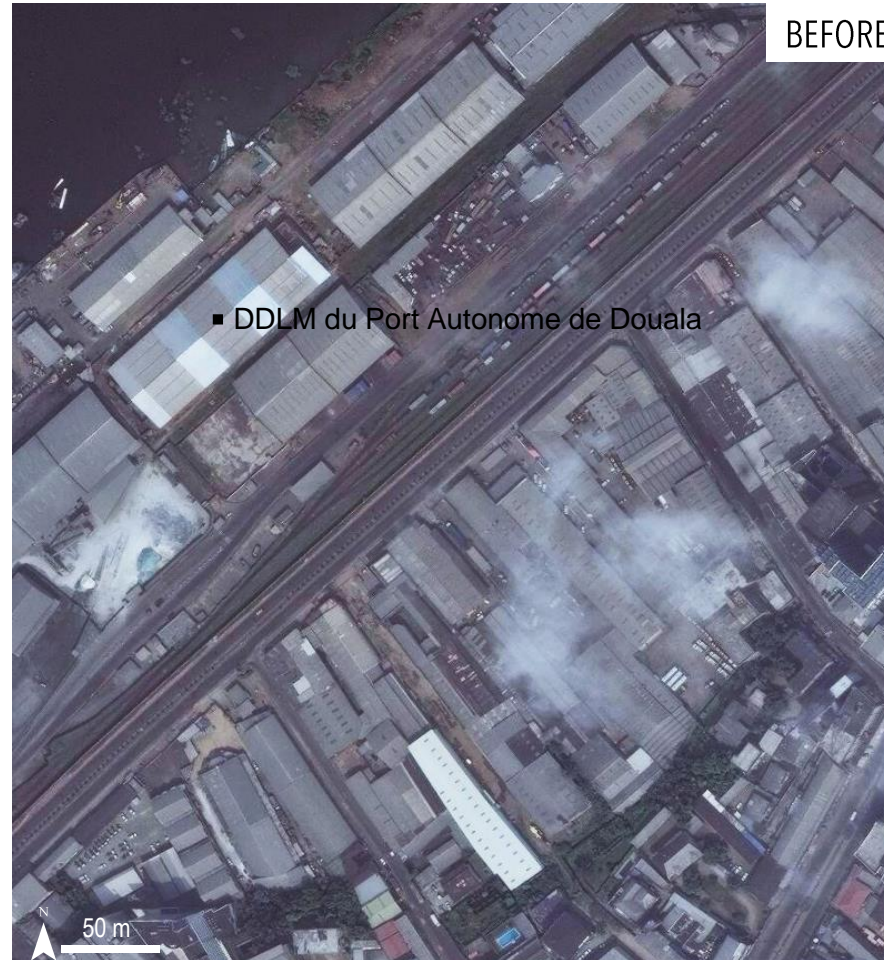
- pre-event (reference) image:
  - WORLDVIEW-3, 5 APR 2020 [2020 Digital Globe]
- post-event images:
  - Pleiades, 26 AUG 2020 [CNES (2020), distribution Airbus D&S]
- baseline data
  - Administrative boundaries: OCHA Cameroon
  - Reference Water : JRC
  - Waterway : OSM

\* disclaimer (i.e. assessment has yet to be validated with field-based information)

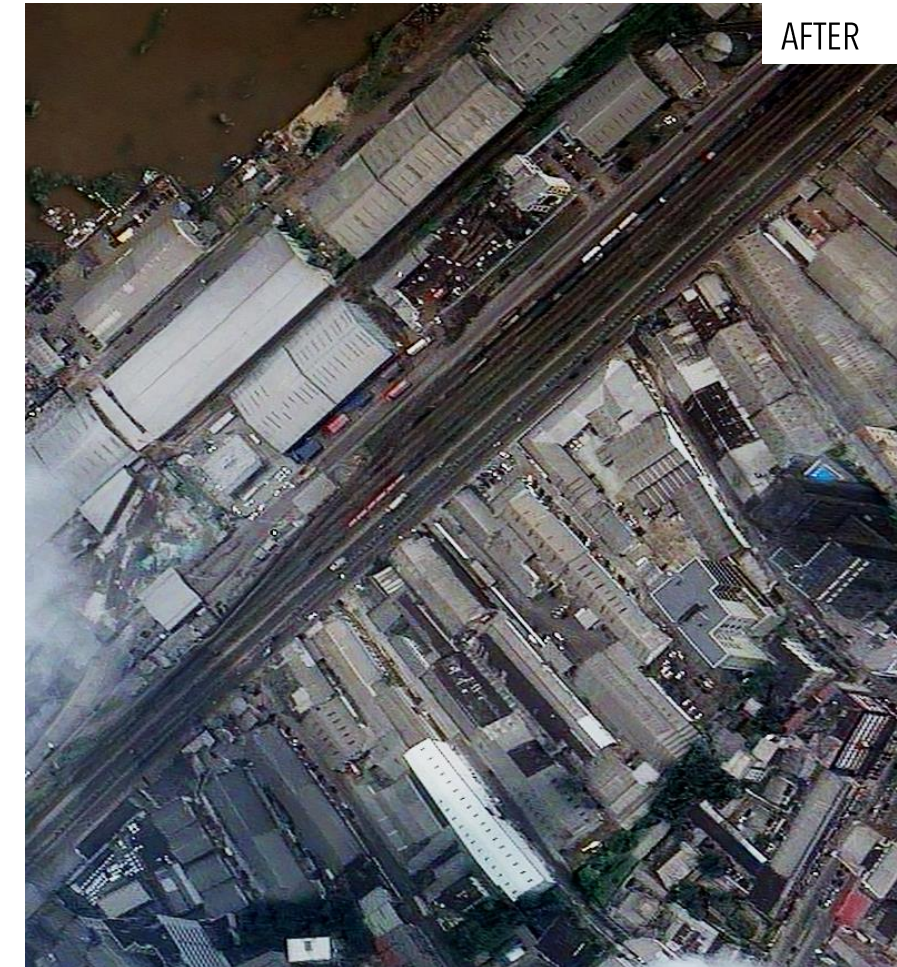
## AOI 1 DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : NO DETECTED FLOODS



Image Center :  
09°41'49.046"E  
04°03'26.431"N



WORLDVIEW-3 / 5 APRIL 2020



PLEIADES / 26 AUGUST 2020

## AOI 1 DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : NO DETECTED FLOODS



Image Center :  
09°43'12.789"E  
04°02'05.424"N



WORLDVIEW-3 / 5 APRIL 2020



PLEIADES / 26 AUGUST 2020

# AOI 1 DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : NO DETECTED FLOODS



Image Center :  
09°47'4.824"E  
04°1'46.055"N



WORLDVIEW-3 / 5 APRIL 2020

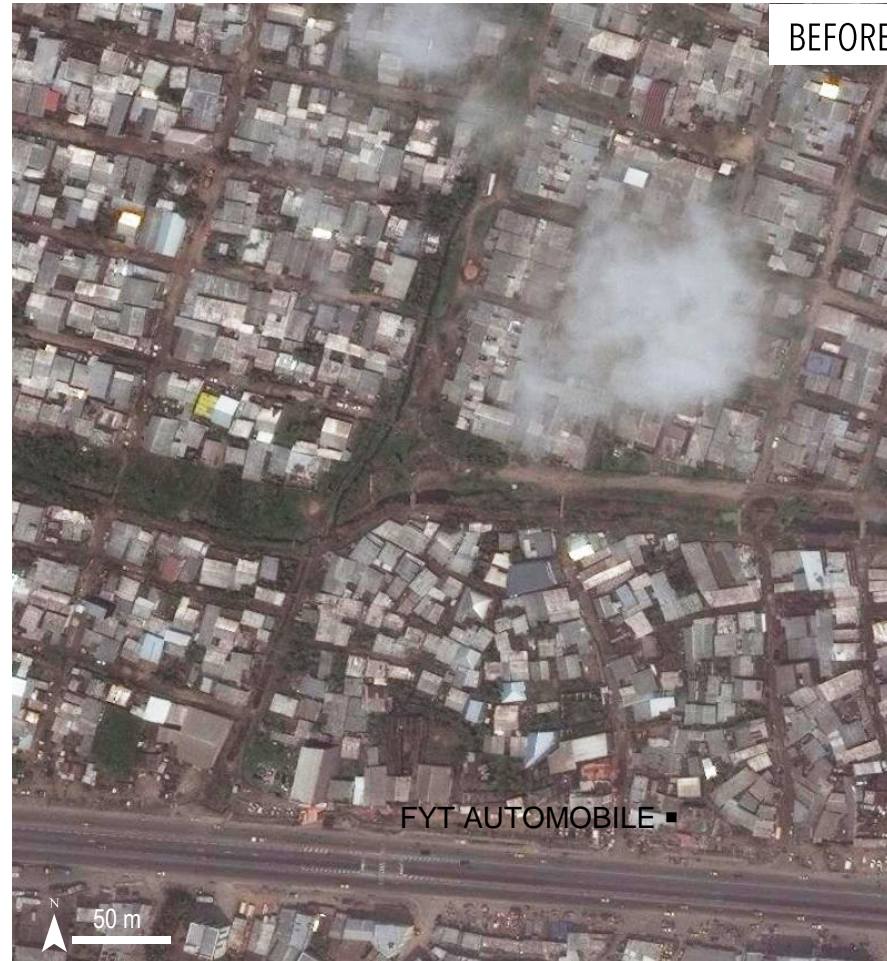


PLEIADES / 26 AUGUST 2020

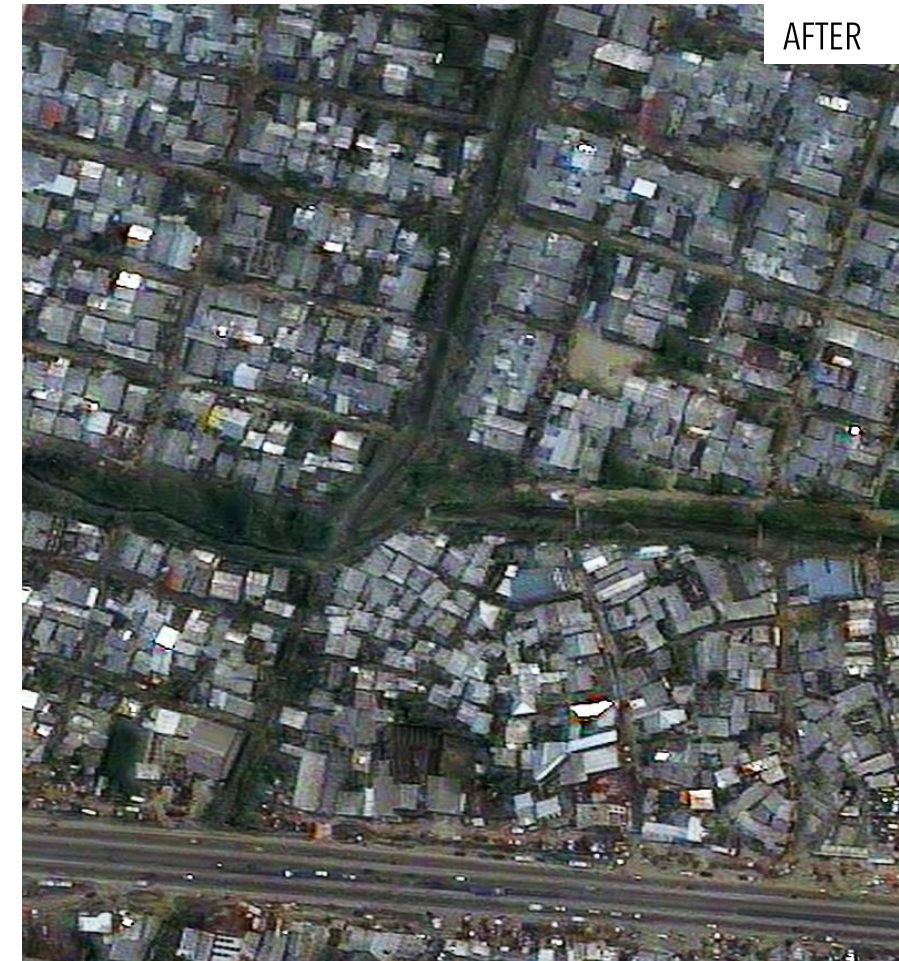
## AOI 1 DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : NO DETECTED FLOODS



Image Center :  
09°44'40.091"E  
04°00'38.118"N



WORLDVIEW-3 / 5 APRIL 2020

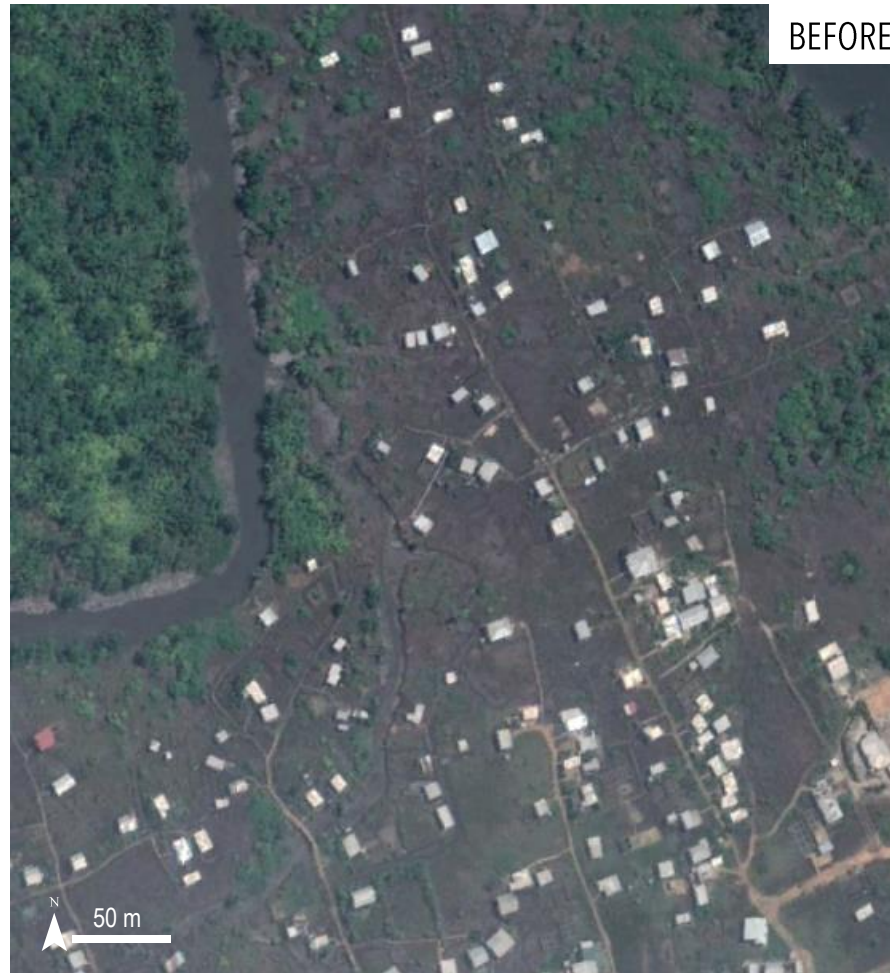


PLEIADES / 26 AUGUST 2020

## AOI 1 DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : FLOODS DETECTED



Image Center :  
09°38'45.780"E  
04°07'18.168"N



WORLDVIEW-3 / 5 APRIL 2020



PLEIADES / 26 AUGUST 2020

## AOI 1 DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : FLOODS DETECTED

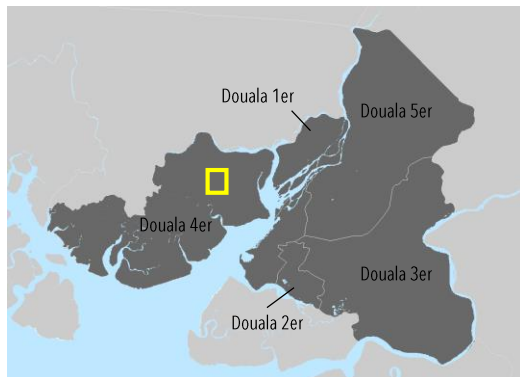
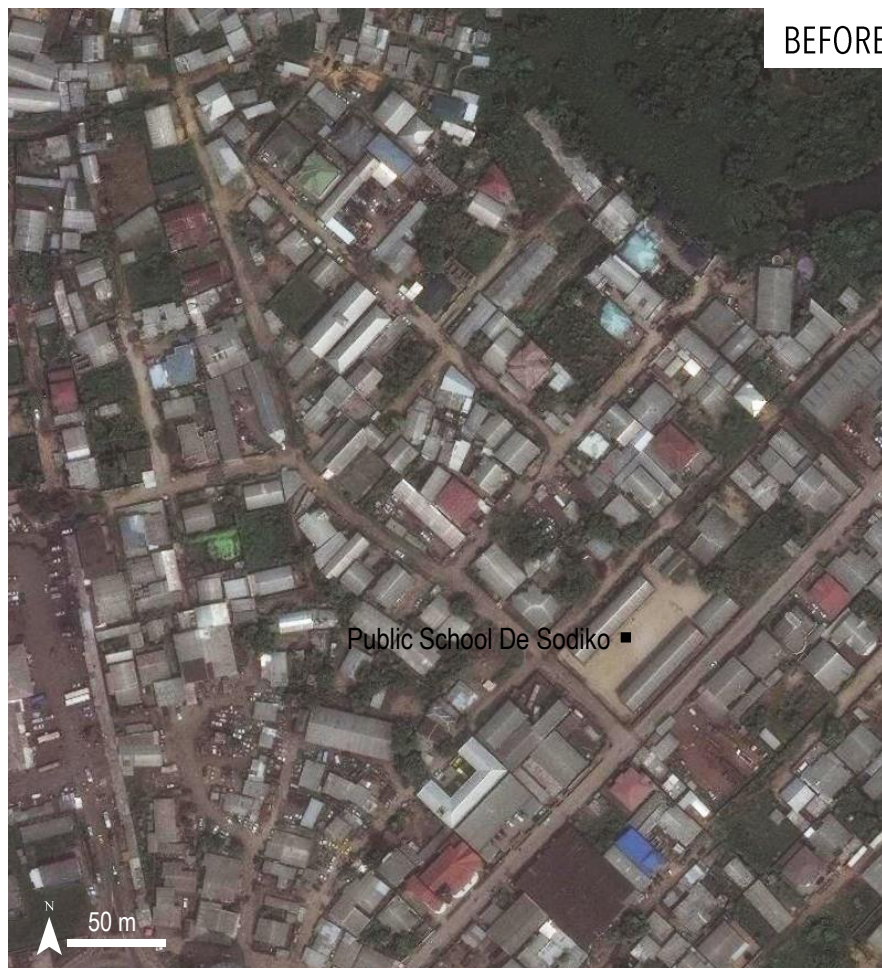


Image Center :  
09°39'21.096"E  
04°05'53.832"N



WORLDVIEW-3 / 5 APRIL 2020



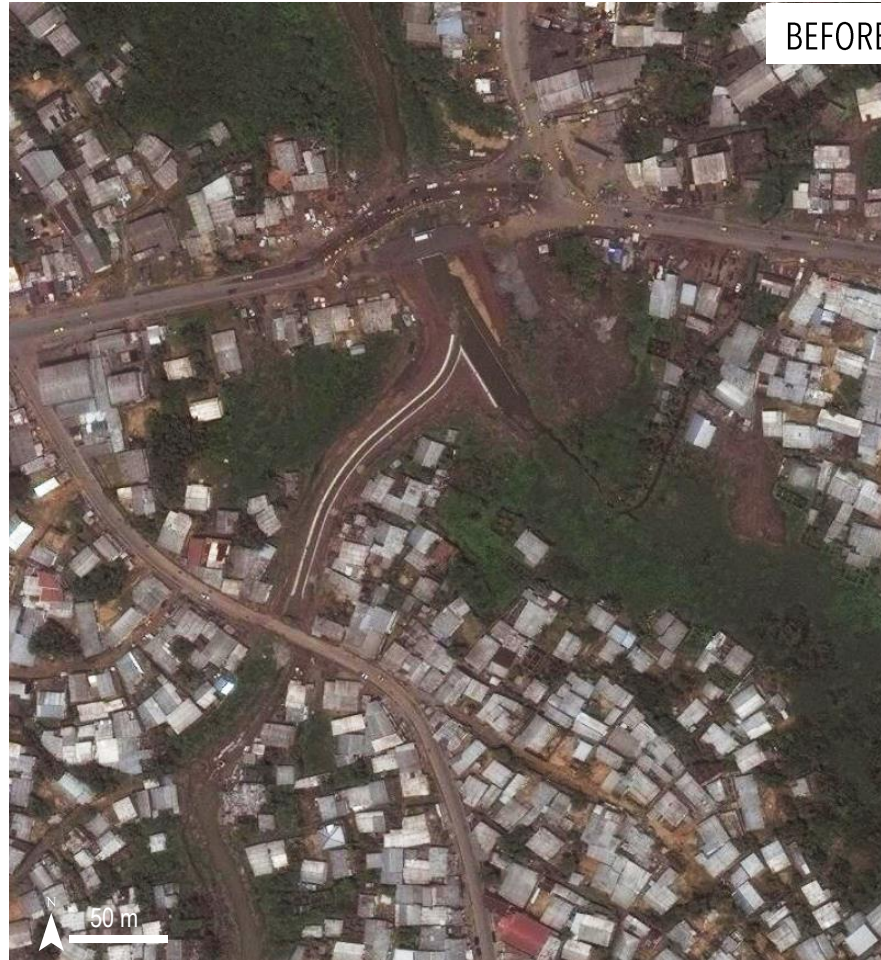
PLEIADES / 26 AUGUST 2020



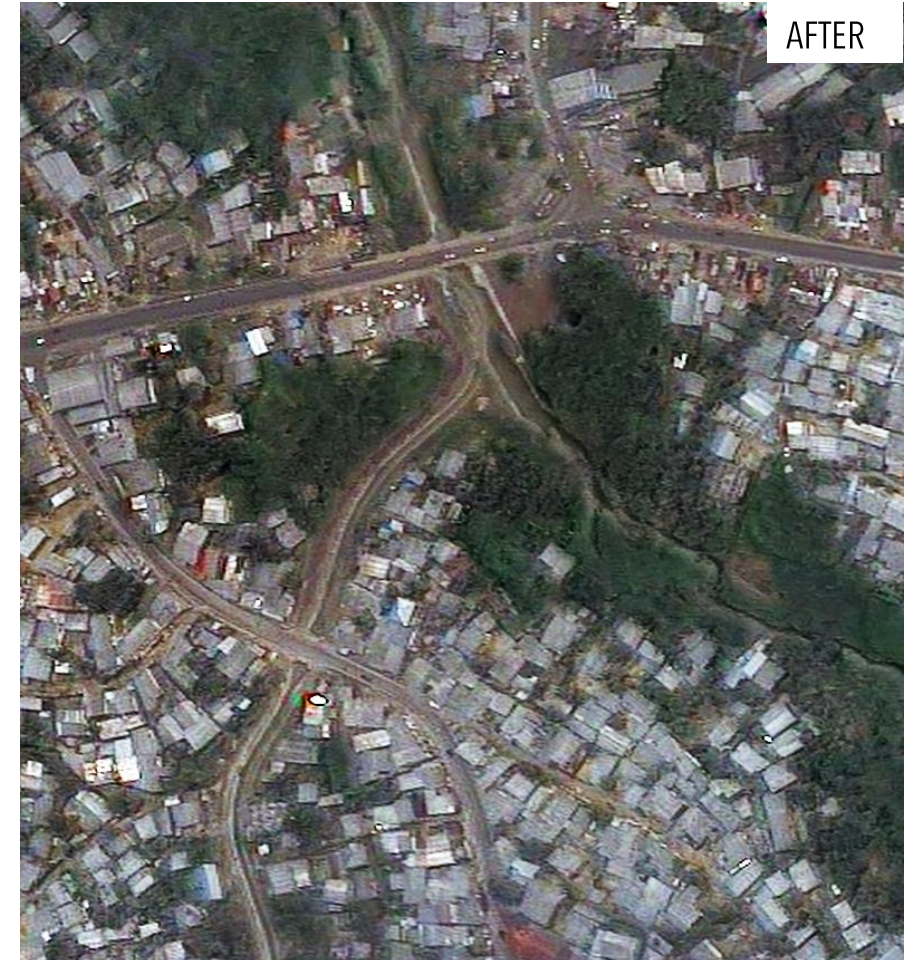
## AOI 1 DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : NO DETECTED FLOODS



Image Center :  
09°45'40.326"E  
04°02'47.687"N



WORLDVIEW-3 / 5 APRIL 2020



PLEIADES / 26 AUGUST 2020

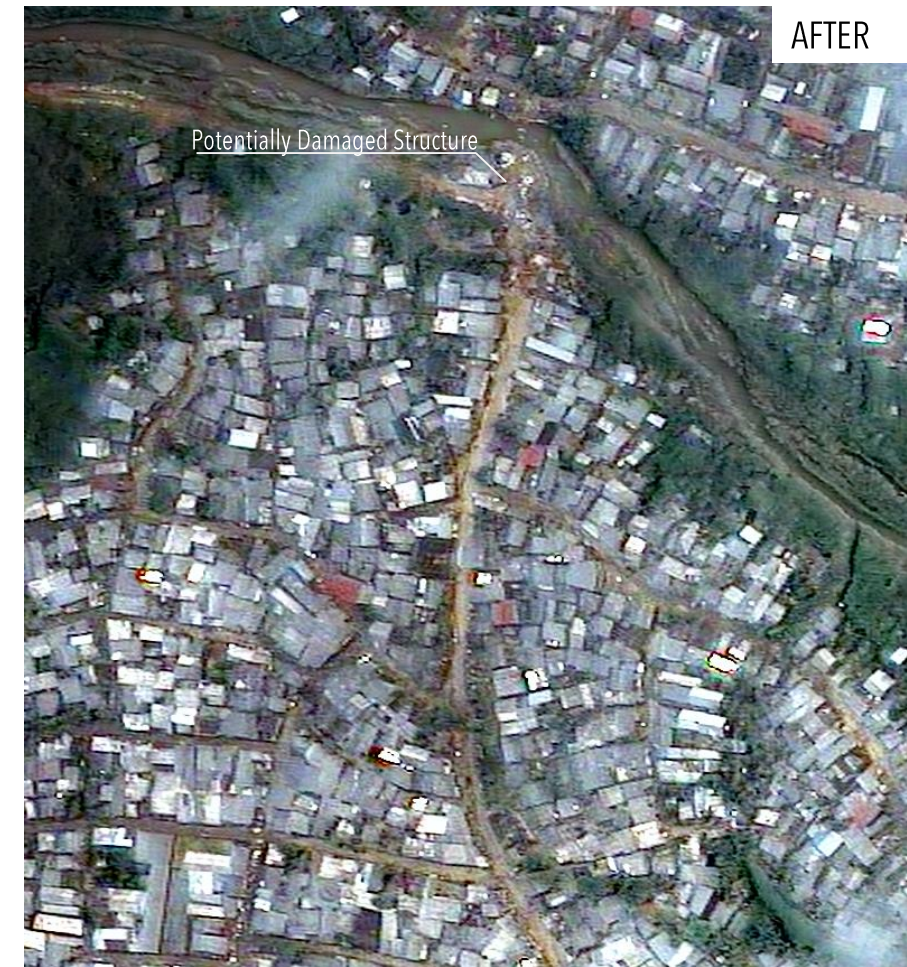
# AOI 1 DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : POTENTIALLY DAMAGED STRUCTURE DETECTED



Image Center :  
09°44'18.105"E  
04°04'16.803"N



WORLDVIEW-3 / 5 APRIL 2020



PLEIADES / 26 AUGUST 2020

## AOI 1 DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : NO DETECTED FLOODS

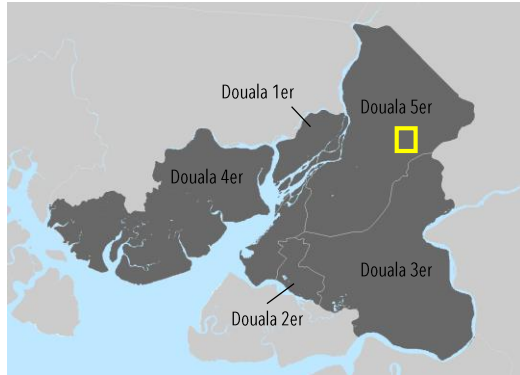


Image Center :  
09°48'29.616"E  
04°06'49.638"N



WORLDVIEW-3 / 5 APRIL 2020



PLEIADES / 26 AUGUST 2020

## SUMMARY OF PRELIMINARY OBSERVATIONS AND FURTHER ACTIONS

**Date of assessment validity: 27 AUGUST 2020**

### **Preliminary observations, impact and severity \*:**

- Flood waters observed in the western parts of Douala (Commune 4). Many houses appear to be affected;
- Potentially damaged structure detected in Douala V Commune close to the waterway;
- Several areas could not be assessed because of the cloud cover.

### **Further/ anticipated actions from UNOSAT:**

- no impact detected/ discontinue monitoring over specific
- potential impact detected  continue monitoring over specific  full assessment to be conducted
- more data and/ or information needed to confirm impact

1

\* disclaimer (i.e. assessment has yet to be validated with field-based information)