



26 AUGUST 2020

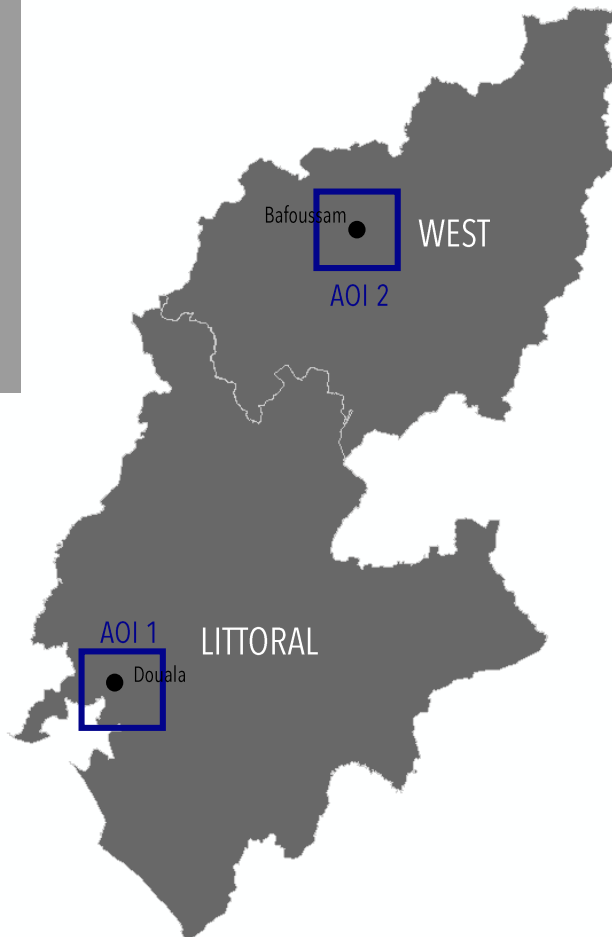
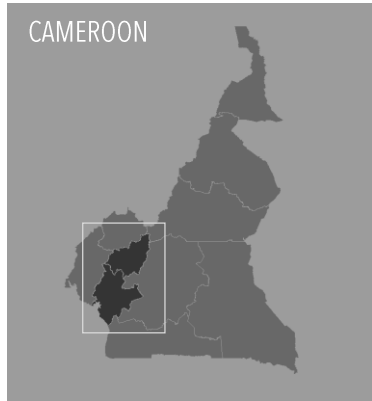
# PRELIMINARY SATELLITE-DERIVED FLOOD ASSESSMENT LITTORAL AND WEST REGIONS, CAMEROON

STATUS: FLOOD WATER DETECTED

FURTHER ACTION(S): CONTINUE MONITORING



## OVERVIEW / BASED ON AOIs ASSESSED



 AREAS OF INTEREST (AOI)  
 REGION

Date of assessment validity:

### Impact and severity\*:

- undetected
- limited impact potentially detected
- significant impact potentially detected

### Data sources:

- (1) pre-event (reference) image:
  - WORLDVIEW-3, 5 APR 2020
  - GEOEYE-1, 2 DEC 2019 [2020 Digital Globe]
- (2) post-event images:
  - Pleiades, 25 AUG 2020 [CNES (2020), distribution Airbus D&S]
- (3) baseline data
  - Administrative boundaries: OCHA Cameroon
  - Reference Water : JRC
  - Waterway : OSM

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

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

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

## AOI 1 YOUPWE, DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : MUDDY SURFACES DETECTED



Image Center :  
09°41'57.795"E  
04°00'36.351"N



WORLDVIEW-3 / 5 APRIL 2020



PLEIADES / 25 AUGUST 2020

## AOI 1 MBOUSSA SENGUE, DOUALA, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : MUDDY SURFACE DETECTED



Image Center :  
09°40'34.582"E  
04°01'34.329"N



WORLDVIEW-3 / 5 APRIL 2020



PLEIADES / 25 AUGUST 2020

## AOI 1 MBOUSSA SENGUE, DOUALA, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : DAMAGED ROOF DETECTED



Image Center :  
09°40'52.516"E  
04°01'34.131"N



WORLDVIEW-3 / 5 APRIL 2020

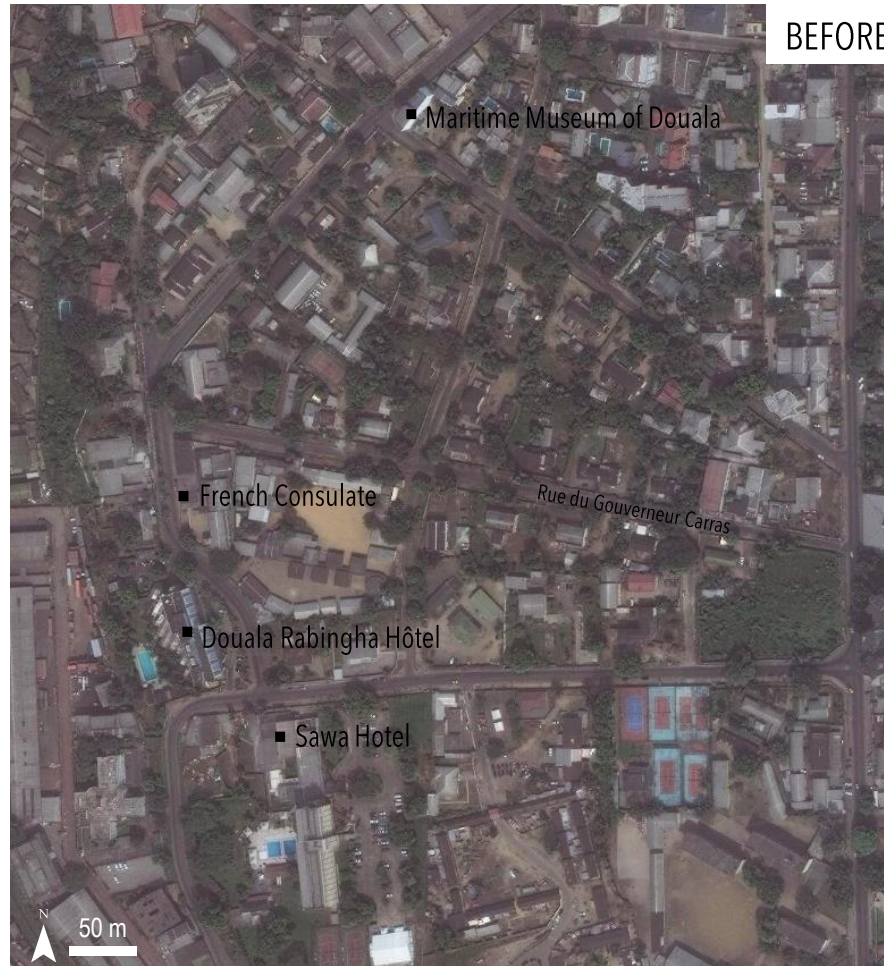


PLEIADES / 25 AUGUST 2020

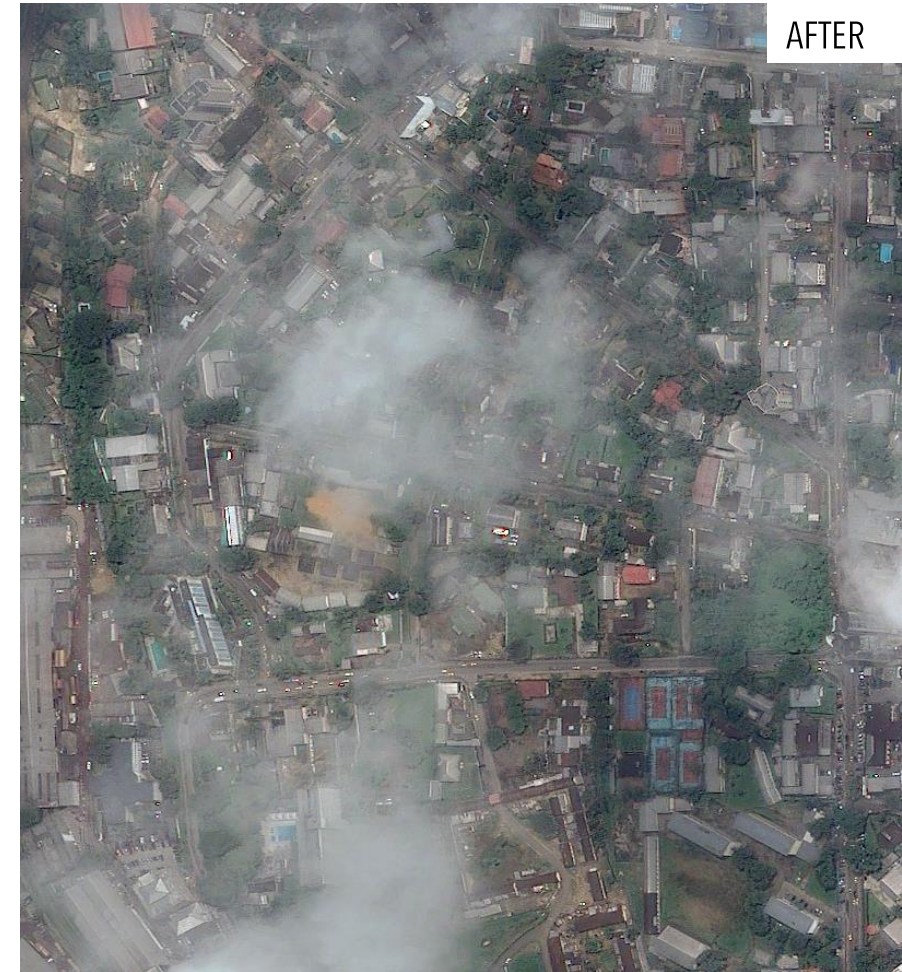
# AOI 1 BONANJO, DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : NO FLOOD WATER DETECTED



Image Center :  
09°41'05.599"E  
04°02'10.145"N



WORLDVIEW-3 / 5 APRIL 2020

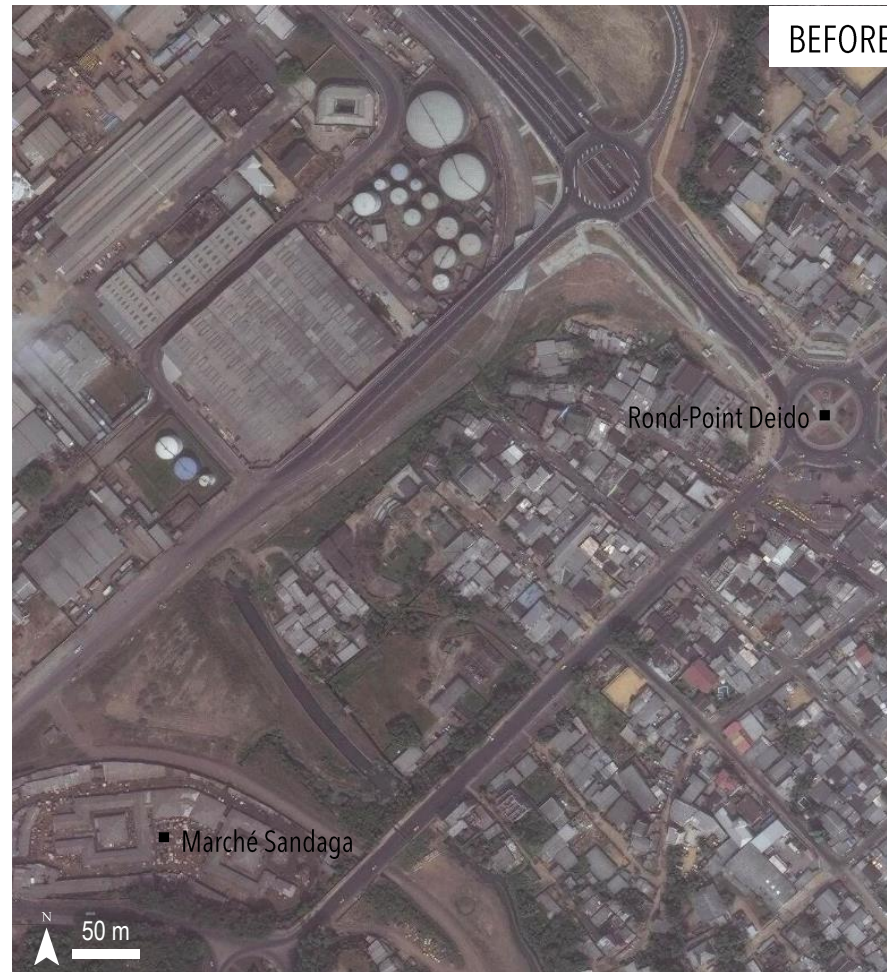


PLEIADES / 25 AUGUST 2020

## AOI 1 AKWA, DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : NO FLOOD WATER DETECTED



Image Center :  
09°42'17.140"E  
04°03'49.356"N



WORLDVIEW-3 / 5 APRIL 2020

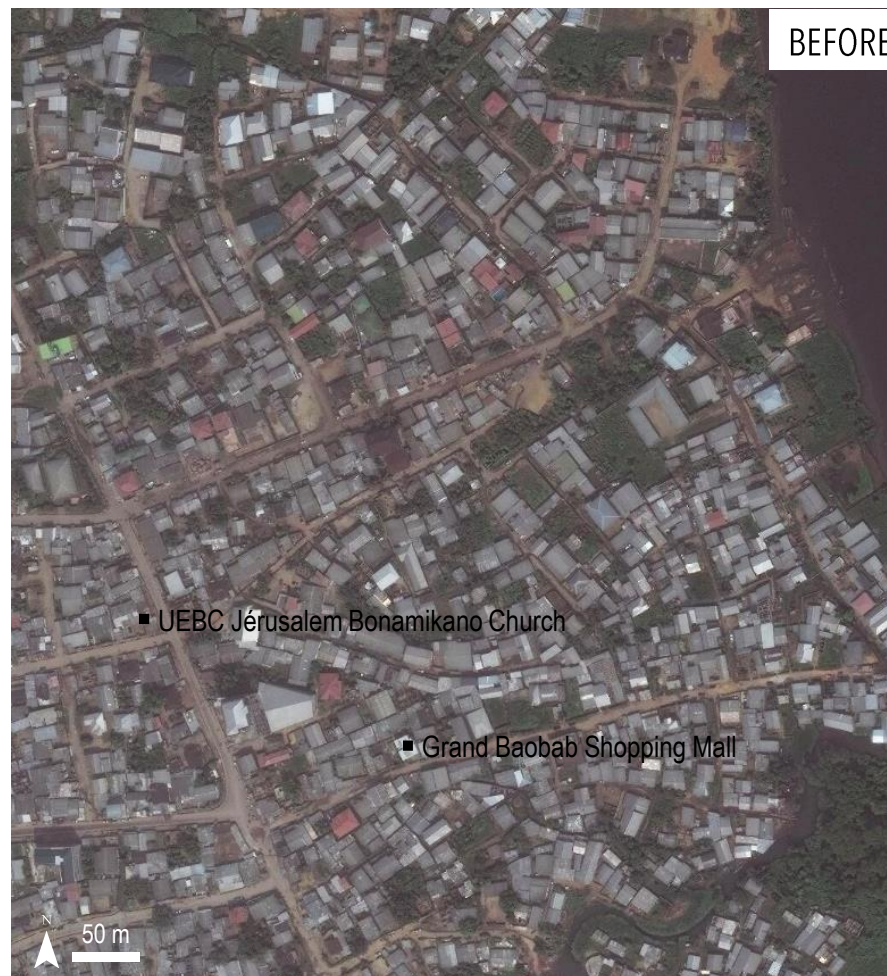


PLEIADES / 25 AUGUST 2020

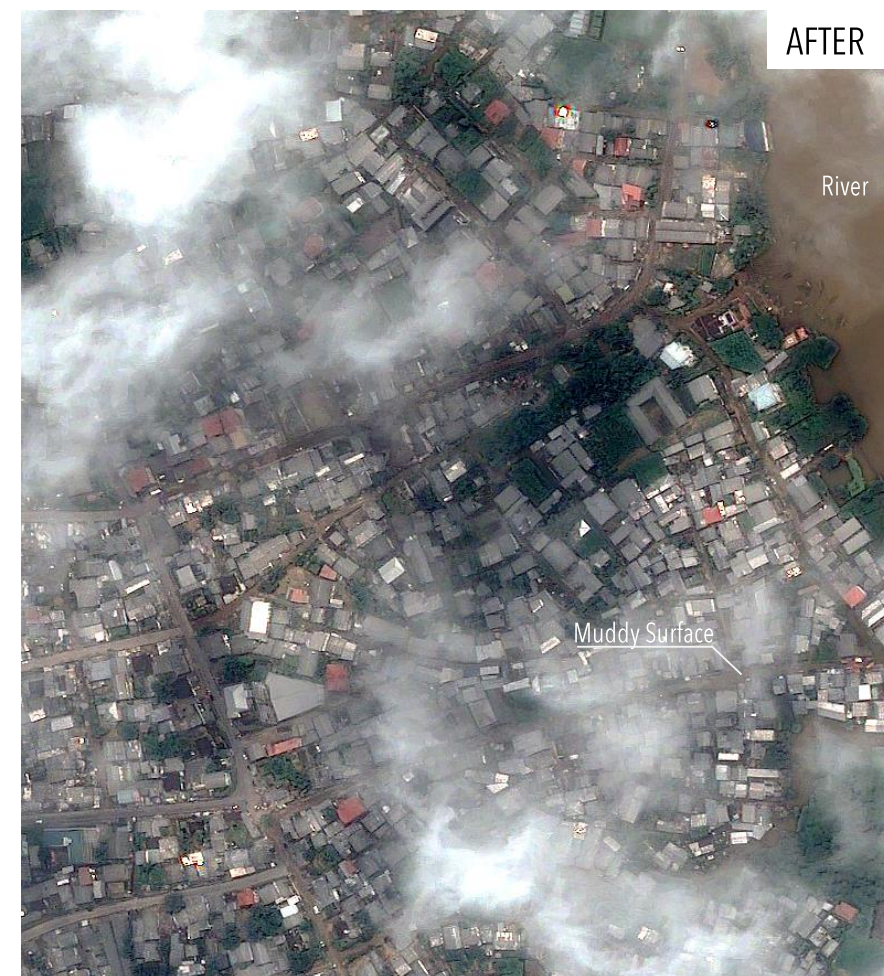
## AOI 1 BONABERI, DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : MUDDY SURFACES DETECTED



Image Center :  
09°40'52.960"E  
04°04'43.223"N



WORLDVIEW-3 / 5 APRIL 2020



PLEIADES / 25 AUGUST 2020



## AOI 1 BONABERI, DOUALA, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : FLOOD WATER DETECTED



Image Center :  
09°38'34.790"E  
04°04'03.877"N



WORLDVIEW-3 / 5 APRIL 2020



PLEIADES / 25 AUGUST 2020

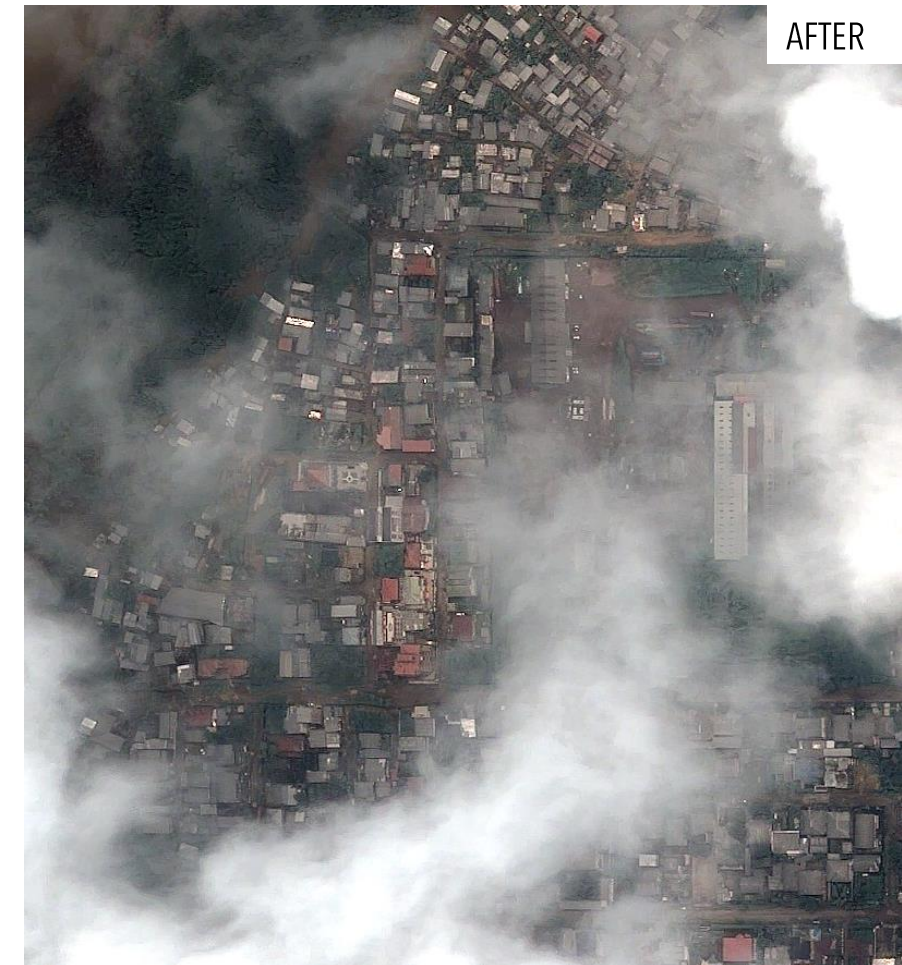
## AOI 1 DENVER, DOUALA CITY, WOURI DEPARTMENT, LITTORAL REGION, CAMEROON : NO FLOOD WATER DETECTED



Image Center :  
09°43'46.639"E  
04°05'42.536"N



WORLDVIEW-3 / 5 APRIL 2020



PLEIADES / 25 AUGUST 2020

## AOI 2 BAFOUSSAM CITY, MIFI DEPARTMENT, WEST REGION, CAMEROON : FLOOD WATER DETECTED

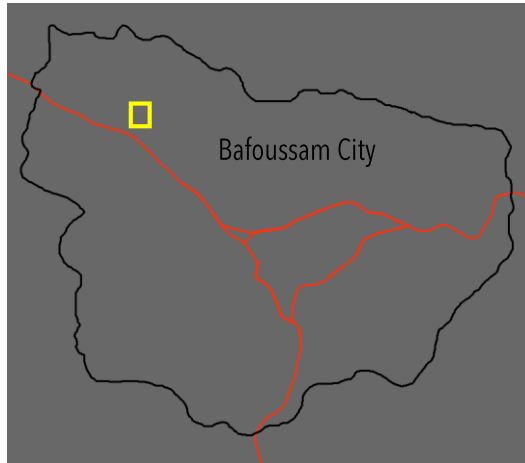
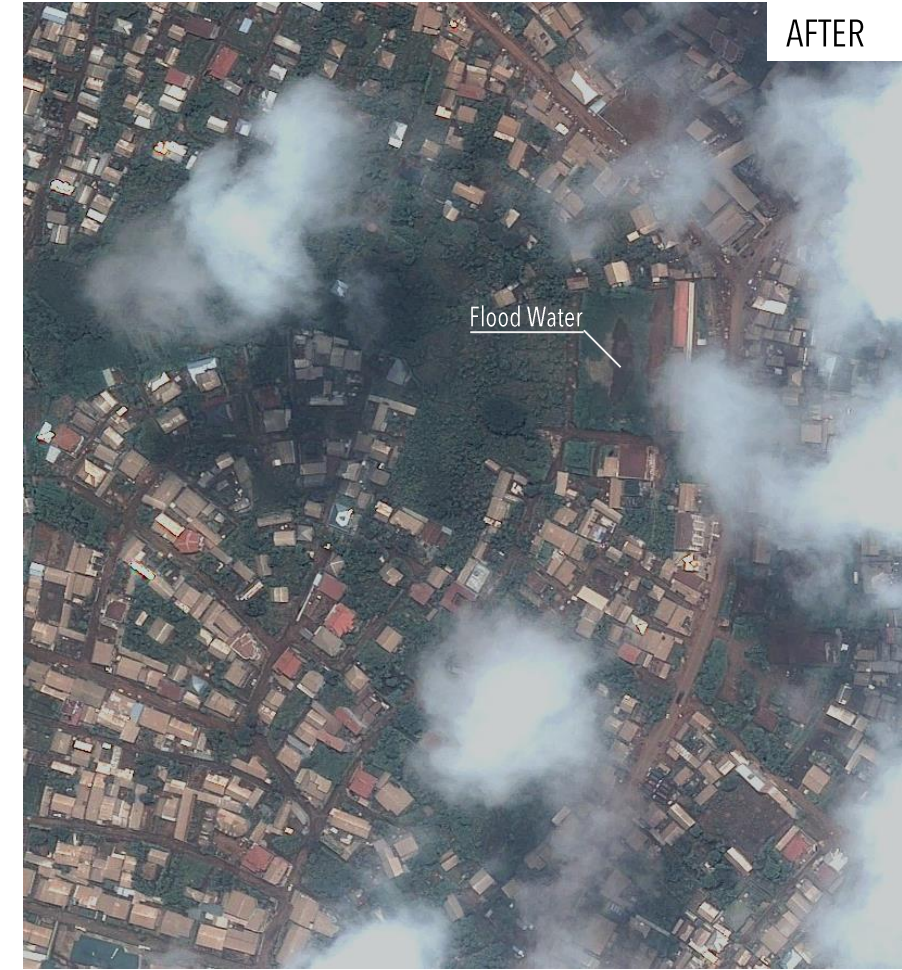


Image Center :  
10°23'47.351"E  
05°30'13.997"N



GEOYE-1 / 2 DECEMBER 2019



PLEIADES / 25 AUGUST 2020

## AOI 2 BAFOUSSAM CITY, MIFI DEPARTMENT, WEST REGION, CAMEROON : NO FLOOD WATER DETECTED

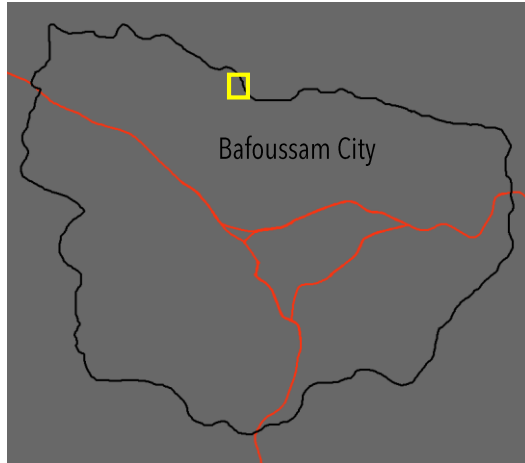
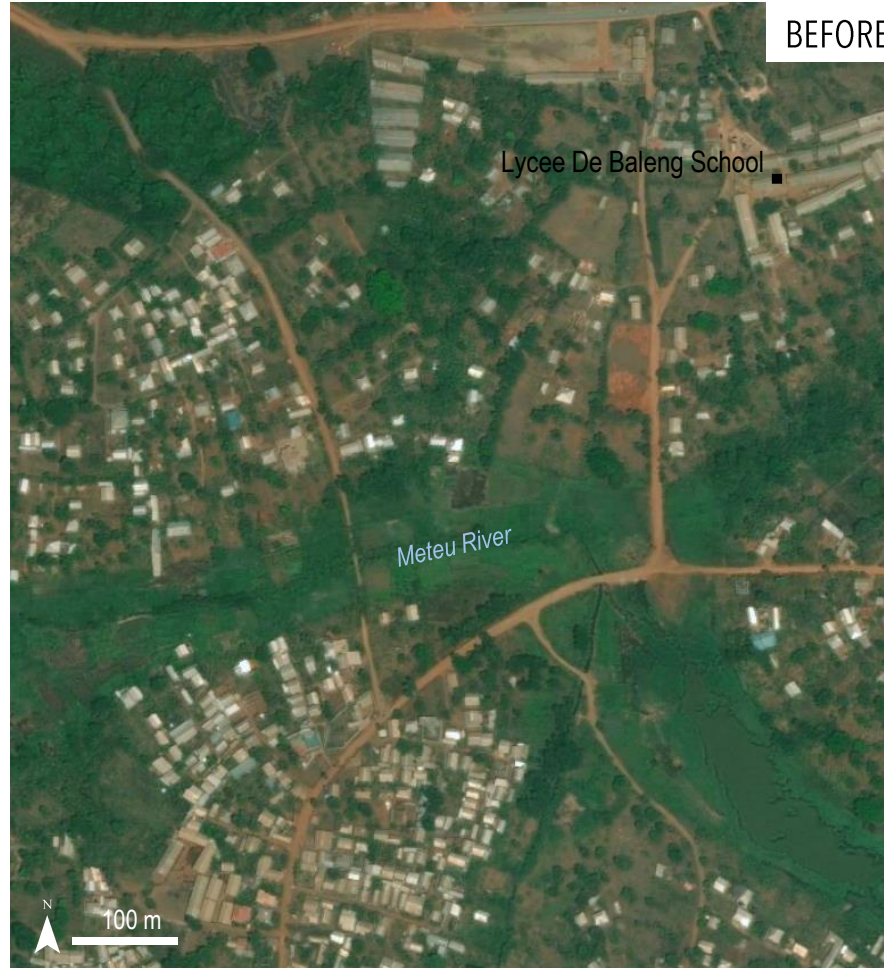


Image Center :  
10°24'58.720"E  
05°30'19.884"N



GEOEYE-1 / 2 DECEMBER 2019



PLEIADES / 25 AUGUST 2020

## AOI 2 BAFOUSSAM CITY, MIFI DEPARTMENT, WEST REGION, CAMEROON : MADDY SURFACE DETECTED

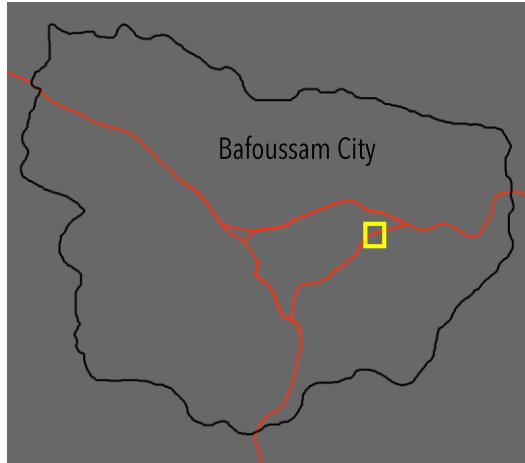
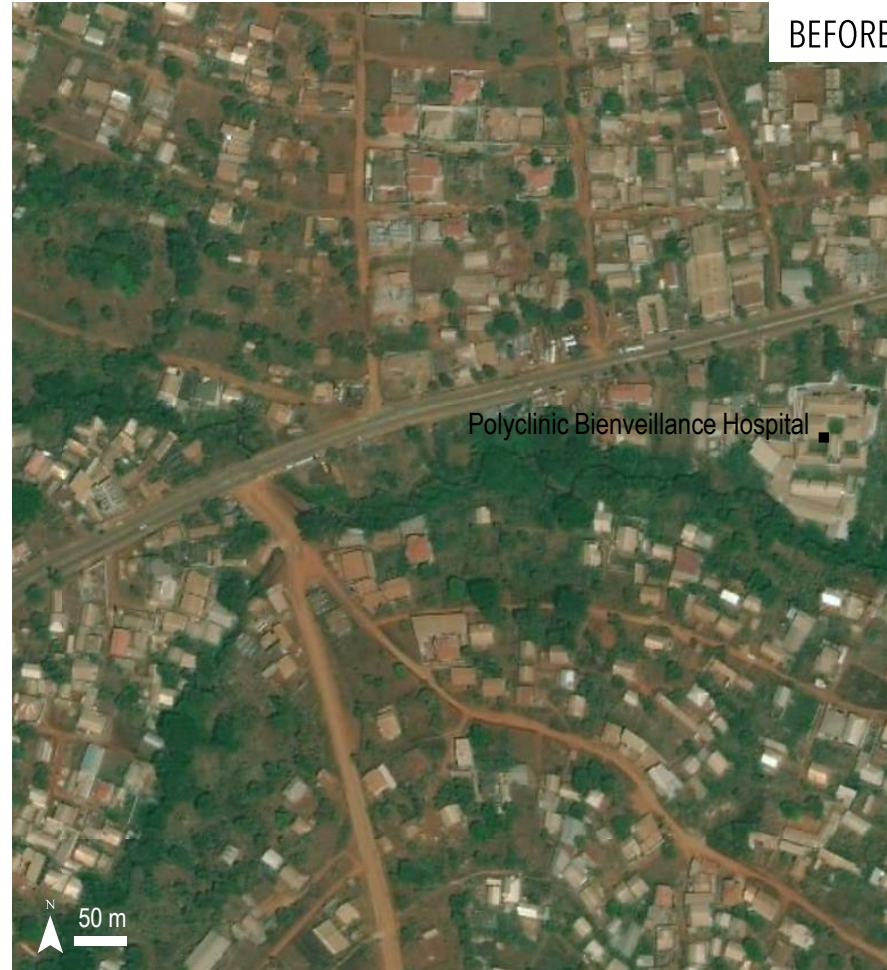
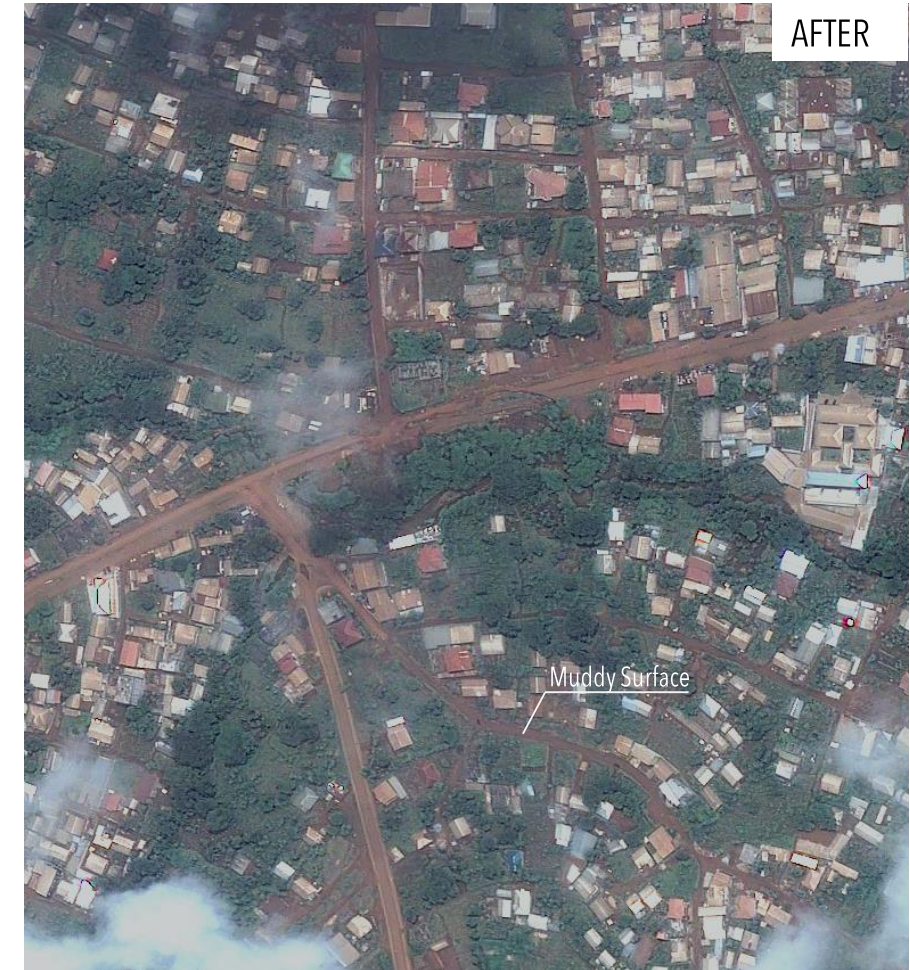


Image Center :  
10°26'33.488"E  
05°28'42.995"N



GEOEYE-1 / 2 DECEMBER 2019



PLEIADES / 25 AUGUST 2020

## AOI 2 BAFOUSSAM CITY, MIFI DEPARTMENT, WEST REGION, CAMEROON : NO FLOOD WATER DETECTED

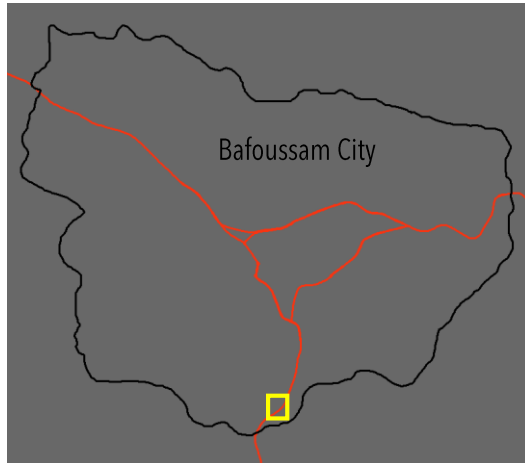
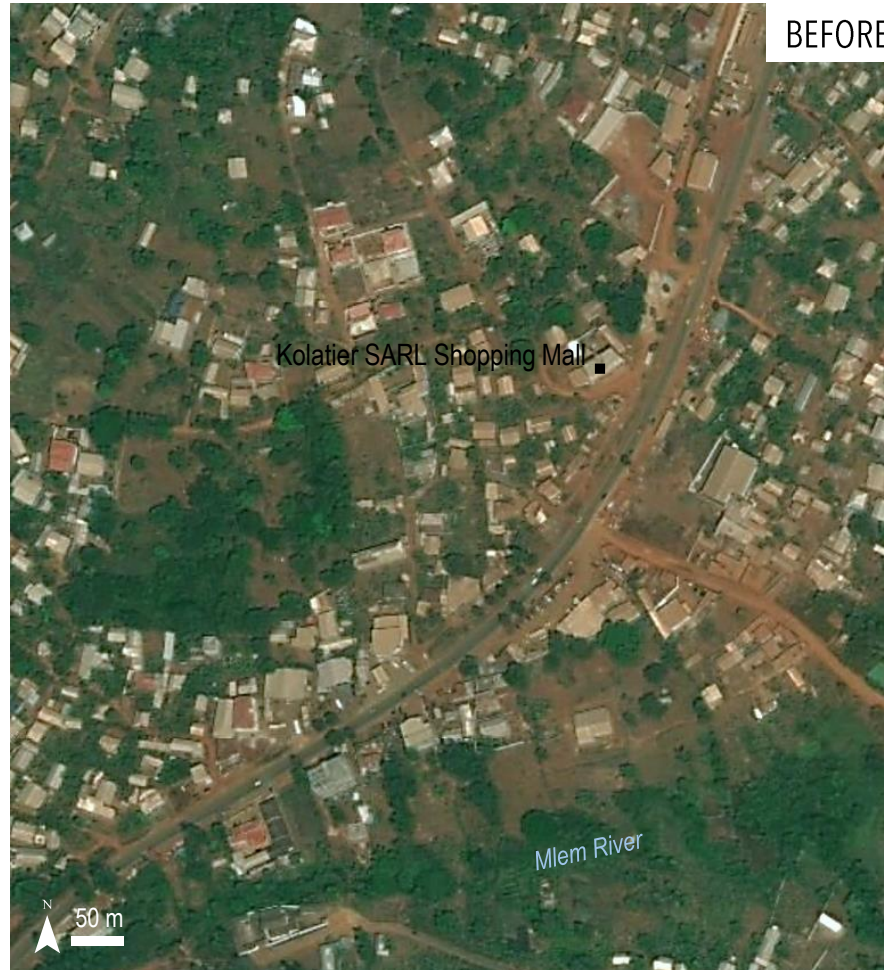


Image Center :  
10°25'27.042"E  
05°26'52.894"N



GEOEYE-1 / 2 DECEMBER 2019

BEFORE



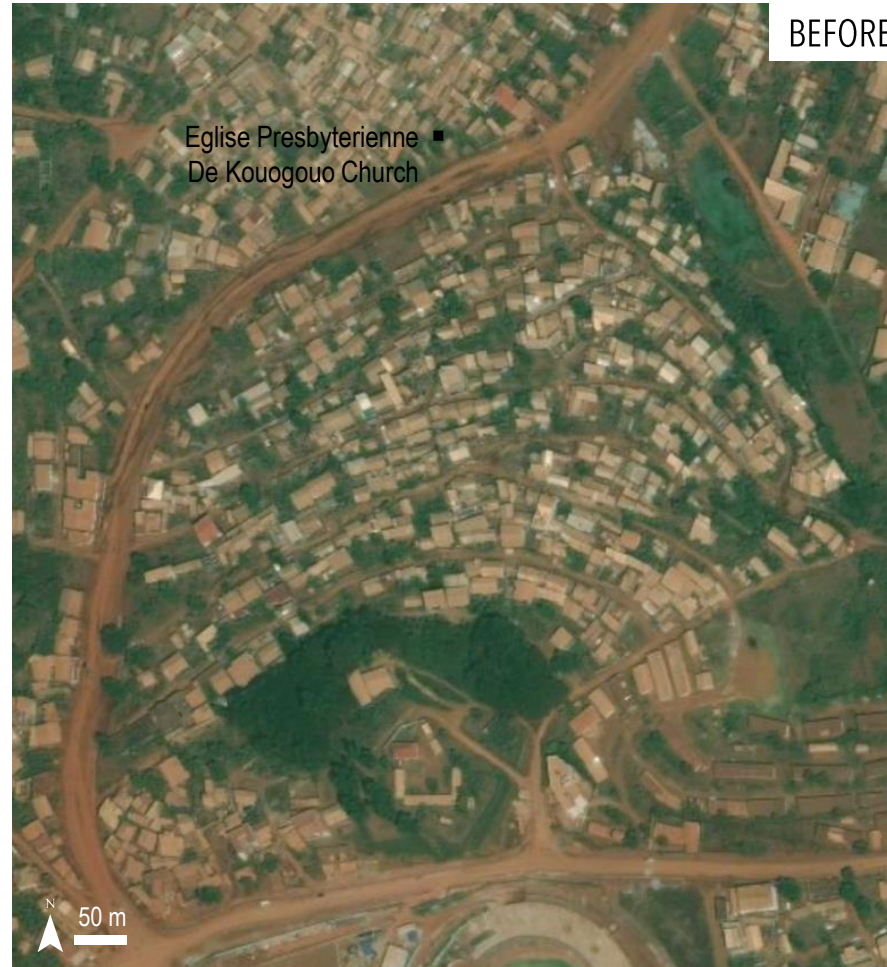
AFTER

PLEIADES / 25 AUGUST 2020

## AOI 2 BAFOUSSAM CITY, MIFI DEPARTMENT, WEST REGION, CAMEROON : FLOOD WATER DETECTED



Image Center :  
10°24'24.857"E  
05°28'20.618"N



WORLDVIEW-3 / 5 APRIL 2020



PLEIADES / 25 AUGUST 2020

## SUMMARY OF PRELIMINARY OBSERVATIONS AND FURTHER ACTIONS

**Date of assessment validity: 26 AUGUST 2020**

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

- Remaining flood water and muddy areas have been observed either in the populated areas and industrial zone located in the vicinity of the estuary zone of Douala (AOI 1) as of 25 Aug 2020;
- An industrial building of Mboussa Sengue in Douala city is likely damaged (Ripped roof);
- Flood waters and muddy surfaces are detected in the community area of Bafoussam;
- Some zones could not be assessed because of the cloud cover.

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

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

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