19 NOVEMBER 2019

UPDATE OF SATELLITE-BASED DETECTION OF BUILT STRUCTURES ON BHASHAN CHAR ISLAND, CHITTAGONG DIVISION, PEOPLE’S REPUBLIC OF BANGLADESH

STATUS: INCREASED NUMBER OF BUILT STRUCTURES DETECTED

FURTHER ACTION(S): CONTINUE MONITORING UPON REQUEST
OVERVIEW / BASED ON AOIs ASSESSED

Date of assessment validity*: 19 November 2019

Data sources:

(1) satellite imagery

WorldView-3, 7 May 2018
WorldView-3, 7 February 2019
WorldView-2, 5 May 2019
WorldView-1, 15 October 2019
© 2018-9 DigitalGlobe, Inc., Longmont CO USA 80503

Pléiades, 12 November 2019
© 2019 CNES, Distribution Airbus DS

(2) ancillary data

- administrative boundaries: © 2019 HDX
- schematic of built structures: © 2019 Reuters Graphics

* disclaimer (i.e. assessment has yet to be validated with field-based information)
AOI 1 / BHASHAN CHAR ISLAND, CHITTAGONG DIVISION, PEOPLE’S REPUBLIC OF BANGLADESH

(Left): Location of built structures within flood defense embankment (*)

(Top): Schematic of sample block of built structures planned for and constructed on Bhashan Island consist of buildings and cyclone shelters (Reuters Graphics, 2019)
Construction in progress, based on buildings observed with WorldView 3, 7 May 2018

Increase in built structures observed with Pléiades, 12 November 2019
SUMMARY OF PRELIMINARY OBSERVATIONS AND FURTHER ACTIONS

Date of assessment validity: 19 November 2019

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

- Increases detected in the number of built structures on Bhashan Char Island with satellite imagery from 2018 and 2019
- Further action: continue monitoring upon request

<table>
<thead>
<tr>
<th>Number of built structures observed from satellite imagery</th>
</tr>
</thead>
<tbody>
<tr>
<td>date</td>
</tr>
<tr>
<td>sensor</td>
</tr>
<tr>
<td>barrack houses</td>
</tr>
<tr>
<td>cyclone shelters</td>
</tr>
</tbody>
</table>