MYANMAR, MAJOR FIRE IN YANGON DUMP SITE

FRIDAY
27 April 2018
1800 UTC+7

SUMMARY OF EVENT
1. Major fire has broke out in Htein Pin Dump Site, Hlain Tharyar township, western part of Yangon, Myanmar, since Saturday, 21 April 2018 until today.
2. Smoke covered 20 townships across Yangon, directly threatening an estimate of 796,852 people (vulnerable pop: 290,850).
3. Possible complications arising from smoke inhalation may include: a) respiratory difficulties, b) eyes and nose irritation (may or may not result in allergic rhinitis and conjunctivitis) and c) shortage of N95 masks.
4. Highly vulnerable population include: a) Patients with existing respiratory conditions such as bronchitis, acute asthma and other upper respiratory tract disorders, b) firefighter and responders, c) Children and elderly and d) those staying near the dumpsite (possibly within 30 km radius and 630 sqkm) – heat stress from the smother and burning flames.
5. A fire anomaly was detected via remote sensing (captured on 22 April 2018): Overlaying the data allows us to draw the heat stress zone (4km by 3km) around the dump site.

AHA Centre and ASEAN Responses
1. ASEAN Emergency Response and Assessment (ASEAN-ERAT) is being mobilized to support Government of Myanmar in assessing the situation, fire fighting strategy and impact to public health.
2. AHA Centre will continue monitor the situation and provides additional updates once information becomes available.

Source of Heat from Major Fire in Htain Bin Dump Site, Yangon
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Satellite Imagery Prior to Major Fire in Htain Bin Dump Site, Yangon

Townships Affected by Major Fire in Htain Bin Dump Site, Yangon

DATA SOURCES
AHA Centre Disaster Monitoring & Response System (DMRS); ASEAN Specialised Meteorological Centre (ASMC); Myanmar: 1. Department of Disaster Management, 2. Department of Meteorology and Hydrology, 3. Myanmar Fire Services Department; Sentinel 2A, European Commission; WorldPop; HDX

DISCLAIMER
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