

# CAPturing the coast from above

## Cheap Aerial Photography with a kite



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# Kite Aerial Photography (KAP)

Rokkaku kite (210 cm tall, 3-5 Bft)

Picavet suspension and camera rig

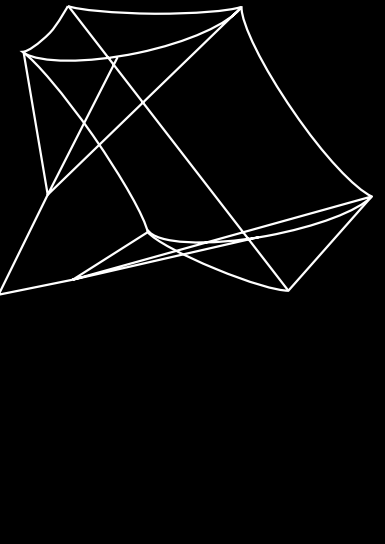
Camera with internal timer or remote control

200 m Dyneema line (150 kg strength)

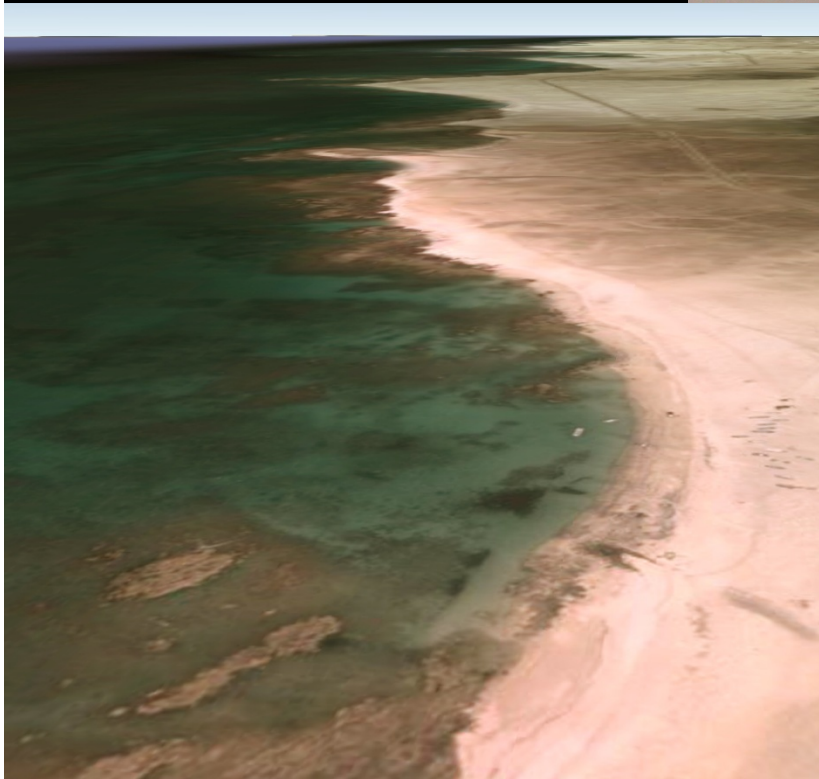
Sand anchor and harness

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= 555 EUR



# 1. Horizontal imagery

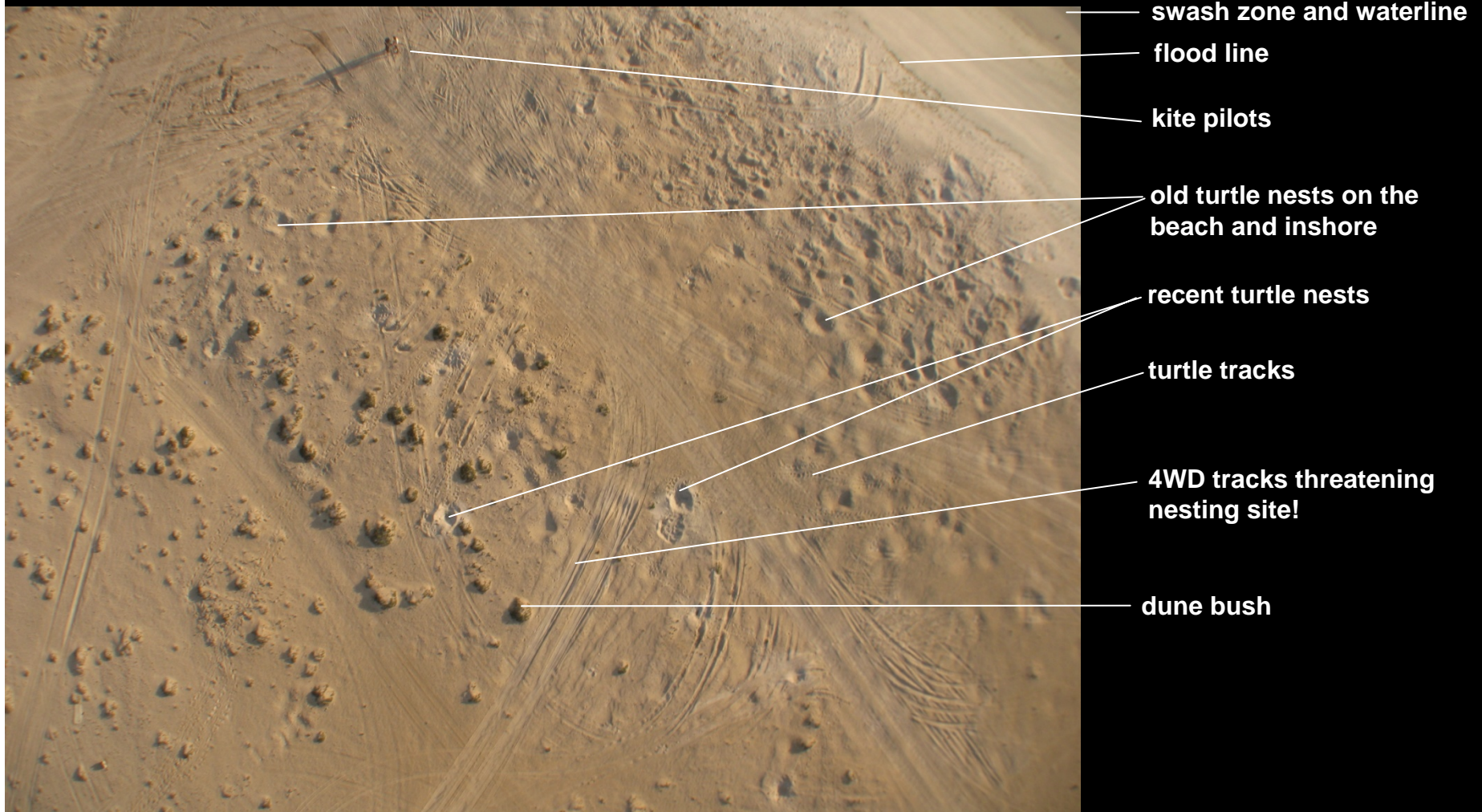


Google Earth

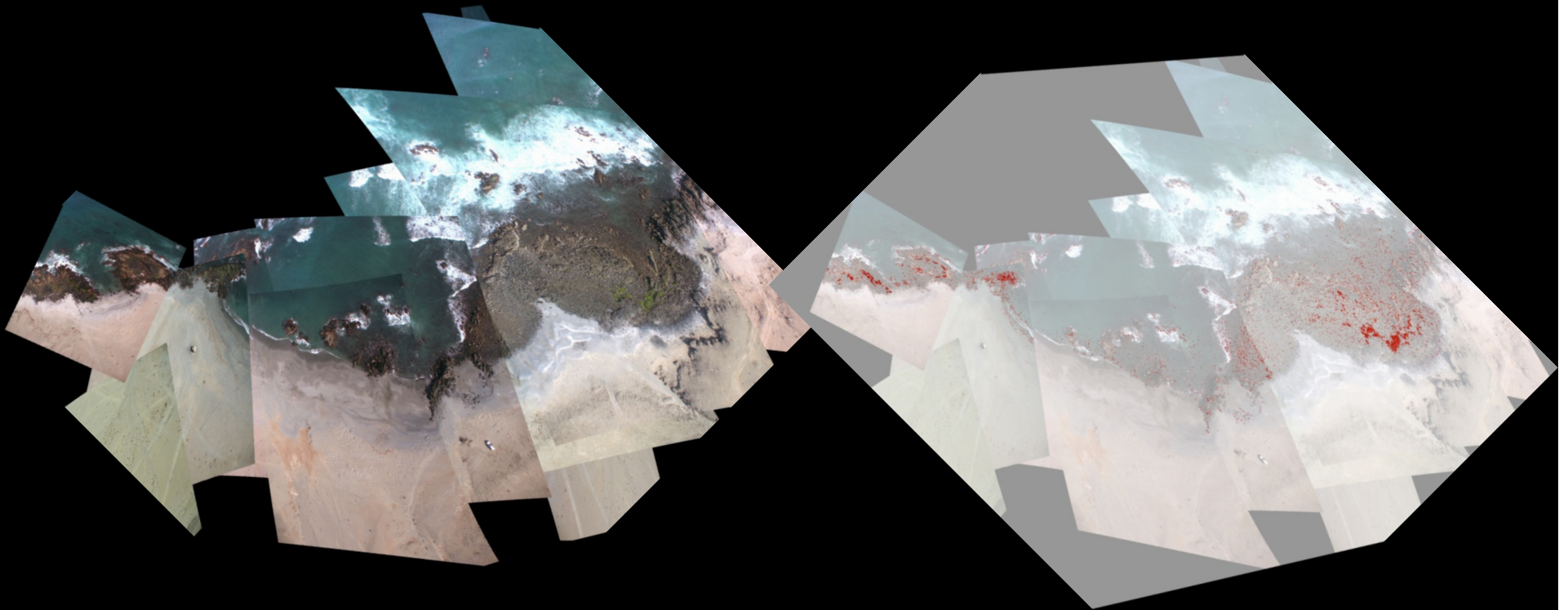
KAP



## 2. Near-vertical imagery



# 3. Image mosaicing and processing



Supervised pixel classification based on three colour bands (using open-source GIS software)  
-> detection of intertidal algae (food source for Green turtle)



Thanks to Marine Pollution Monitoring Section, Ministry of Environment & Climate Affairs, Oman