

## Acknowledgements

## Technical Guidelines for Small Island Mapping with UAVs

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## Abbreviations

2D two-dimensional

ADS-B Automatic Dependent Surveillance–Broadcast

AGL above ground level

AOI area of interest

AT automatic triangulation

ATC air traffic control

CAA Civil Aviation Authority

CV computer vision

DSLR digital single-lens reflex  
DSM digital surface model  
DTM digital terrain model  
EXIF exchangeable image file format  
GCP ground control point  
GeoTIFF Georeferenced Tagged Image File Format  
GIS geographic information system  
GPS Global Positioning System  
GPU graphics processing unit  
HOT Humanitarian OpenStreetMap Team  
IMU inertial measurement unit  
LiDAR Light Detection and Ranging  
LiPo lithium polymer  
NIR near infrared  
NOTAM Notice to Airmen  
OAM OpenAerialMap  
OSM OpenStreetMap  
PacDID Pacific Drone Imagery Dashboard  
PIC Pacific Island Country  
PPK Post-Processed Kinematic  
RGB red-green-blue  
RTK Real-Time Kinematic  
SfM Structure from Motion  
SIDS Small Island Developing States  
SSD solid-state drive  
UAV unmanned aerial vehicle  
UAViators Humanitarian UAV Network  
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