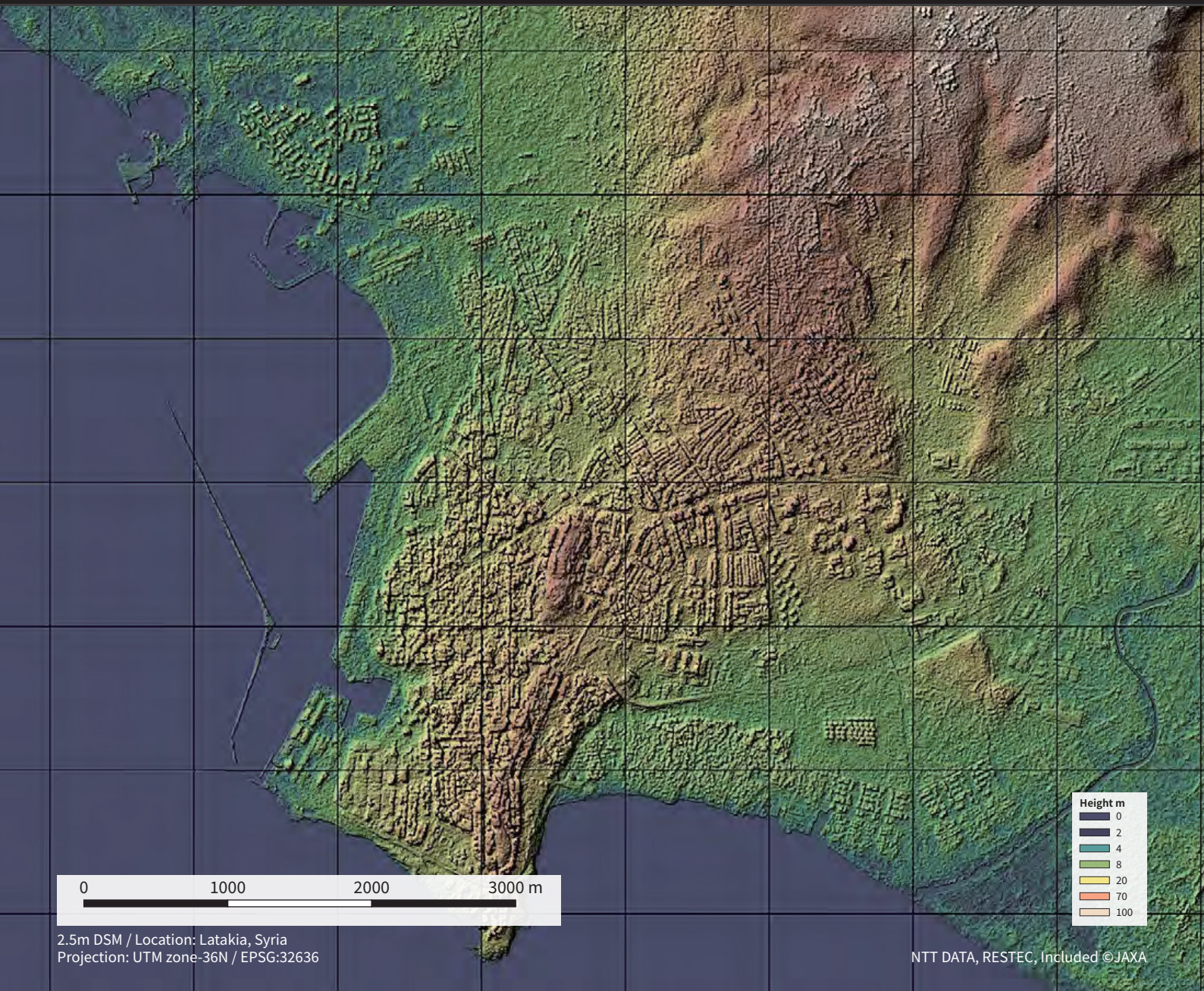




AW3D Standard

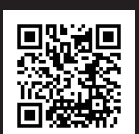
Global Digital Elevation Model

NTT DATA

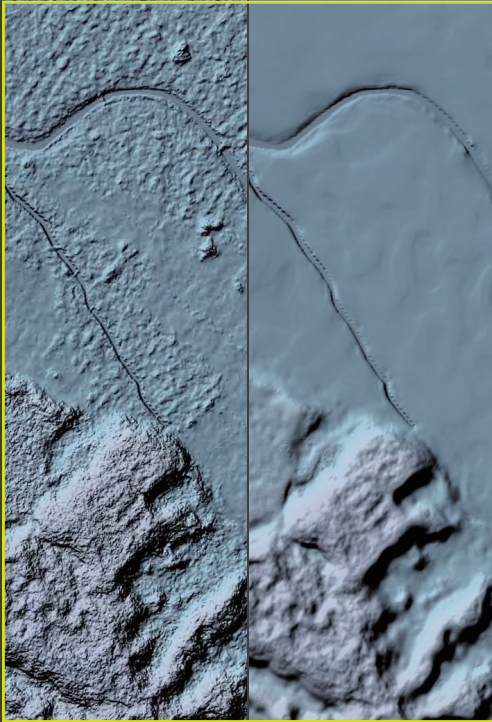


AW3D Standard DEM products are the world's first 3D digital map covering all global land spaces with 2.5 meter and 5-meter resolution. AW3D product family is derived from optical satellite data. – The source imagery of AW3D Standard DEM were captured with ALOS-PRISM tri-stereo sensor by The Japan Aerospace Exploration Agency (JAXA). More than 3 million image stacks were processed with our on-premise system to generate off-the-shelf level-1 Digital Surface Model (DSM).

AW3D Standard DSM/DTM are optimal for any size of projects that require small to medium scale mapping geodata (up to 1/25,000 map equivalent).



AW3D Standard



2.5m DSM vs. 2.5m DTM - Chiba, Japan

Thanks to its worldwide coverage, consistency, high quality, cost-effectiveness, short turnaround time, extensive/flexible customization and superior user support, AW3D product family has been chosen as the worlds' best satellite-based geodata.

AW3D has been used in 130+ countries and in more than 2,000 projects, helping to meet needs for construction, civil engineering, city planning, disaster management, environmental simulation, renewable energy, natural resource exploration, and security/intelligence communities.

AW3D Standard DSM/DTM is suitable for a project that requires high quality, affordable and homogenies geodata over the target area of interest.

Please contact our sales representative for feasibility study, sample request, and any other inquiries.



www.aw3d.jp/en

Specification		
Product Type	Digital Surface Model (DSM) Digital Terrain Model (DTM)	“DSM + DTM” bundle discount is available
Spatial Resolution	2.5 m – native 5 m – native	2.5 and 5m were independently processed with different optimizations specific to each resolution
Coverage	Worldwide	L1-DSM off-the-shelf coverage: 90% of the land area
Data Type	2.5m: 32-bit float 5m: 16-bit signed int	File format: 32-bit GeoTIFF (*.TIF)
Horizontal Accuracy	5m RMSE / 7m CE90 (without GCP)	Global average, local deviations occur
Vertical Accuracy	5m RMSE / 7m LE90 (without GCP)	Global average, local deviations occur
Supported CRSs	Geographic (Lat/Long) Universal Transverse Mercator (UTM)	
Elevation Datum	Orthometric elevation (EGM2008) Ellipsoidal elevation (WGS84)	
Minimum Order Size	DSM: 100+ km ² per area DTM: 400+ km ² per area	Minimum AOI width: 2 km or wider
Options	Ortho-image (30 – 50cm, 2.5m) Contour lines	
Delivery Method	Online download (web/FTP)	



NTT DATA

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