

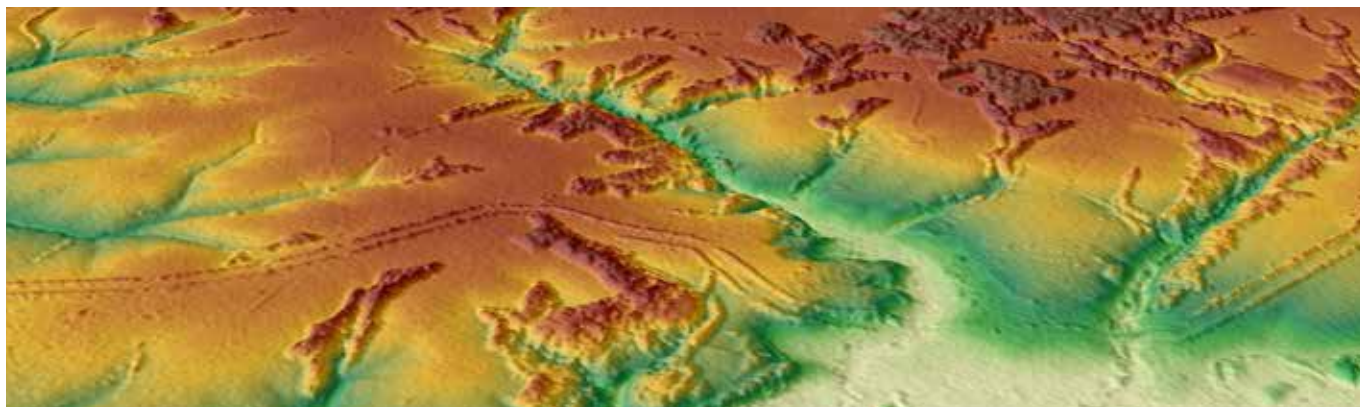


**Intelligence**

**WorldDEM™**  
Reaching New Heights



# WorldDEM™: The New Standard of Global Elevation Models



## Accuracy of a New Dimension

Pole-to-pole coverage coupled with unrivalled accuracy and quality - these are the defining characteristics of the WorldDEM. The accuracy surpasses that of any global satellite-based elevation model available today and defines a new industry standard

### WorldDEM™ in Brief:

- Superior elevation information anywhere on Earth
- Homogenous standardised pole-to-pole coverage
- Unrivalled accuracy: 2m (relative) / 4m (absolute) vertical accuracy in a 12m x 12m raster
- Easy access

WorldDEM™ is the product of the TanDEM-X Mission (TerraSAR-X add-on for Digital Elevation Measurements), realised as a Public Private Partnership (PPP) between Airbus Defence and Space and the German Aerospace Centre (DLR). Airbus Defence and Space holds the exclusive commercial marketing rights for the data and refines the elevation models according to the needs of commercial users worldwide.

## Elevation Model of Choice for all Global Applications

Integrating WorldDEM™ as a reliable and precise reference layer into operations and applications provides for a single confidence scale and enhances the performance of a wide range of systems and equipment.

- Enhanced responsiveness and efficiency for defence & security missions
- Improved flight safety and efficiency
- High-quality image orthorectification
- Reliable planning and operation of exploration projects
- Global availability enhances international cooperation and cross-border mission planning
- Timely intelligence for emergency response

## Unique Data Quality and Level of Detail

Airbus Defence and Space refines the DEM according to customer requirements and makes three WorldDEM products available:

- **WorldDEMCORE**  
Unedited Digital Surface Model, usually contains radar artefacts and voids
- **WorldDEM™**  
Edited Digital Surface Model with assured hydrological consistency (editing of water bodies and shorelines, consistent flow of rivers)
- **WorldDEM™ DTM**  
Digital Terrain Model representing the bare Earth terrain (vegetation and man-made objects removed)

