





Asia Water Forum – ADB, October 2018

Leica Geosystems

8

PT. Map Tiga Internasional (PTMI)

Present

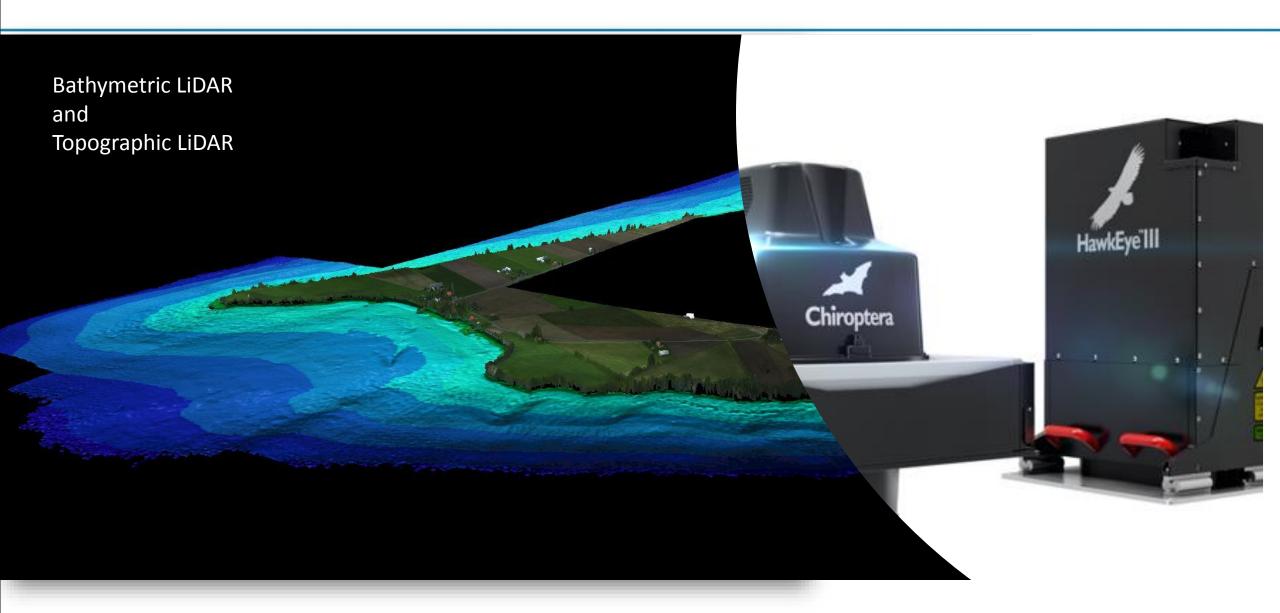
Topographic & Bathymetry LiDAR for Irrigation

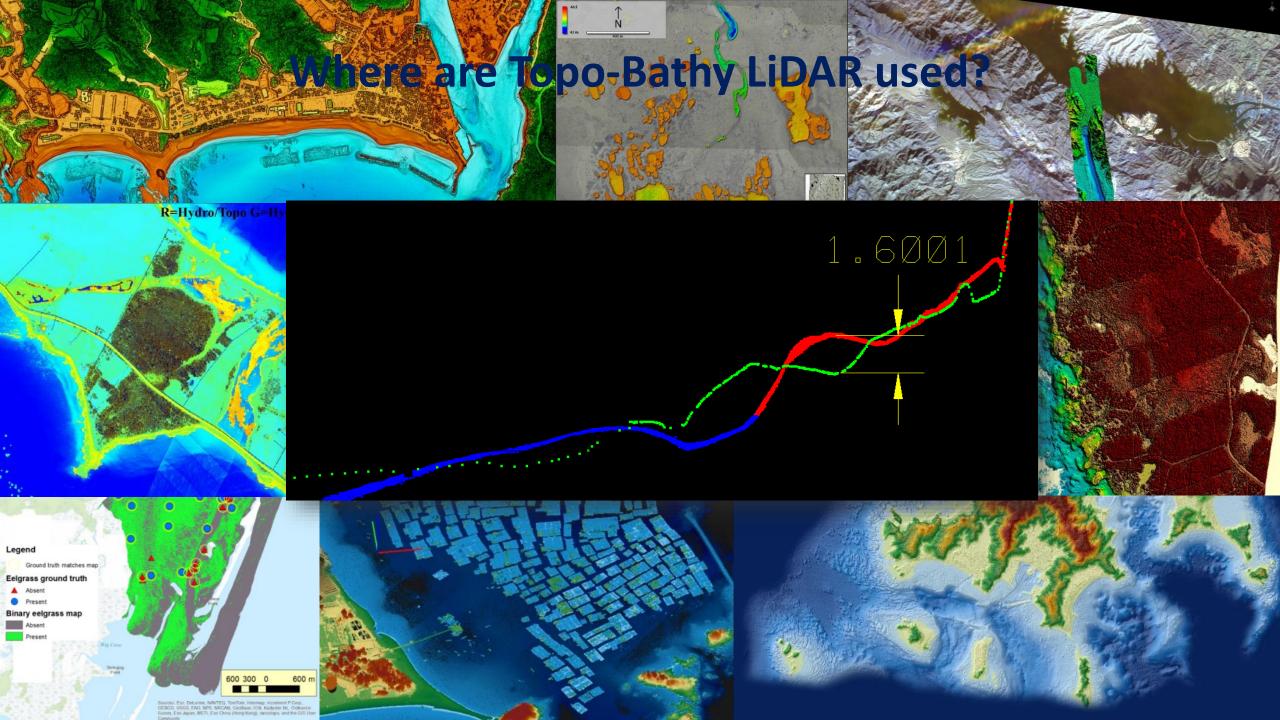
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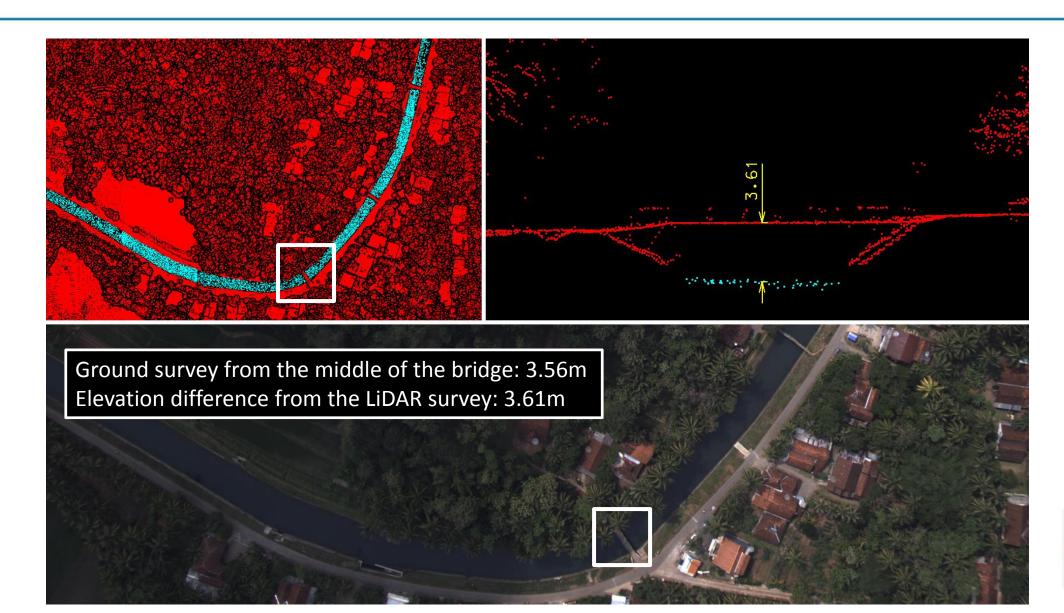


Topo - Bathymetric LiDAR



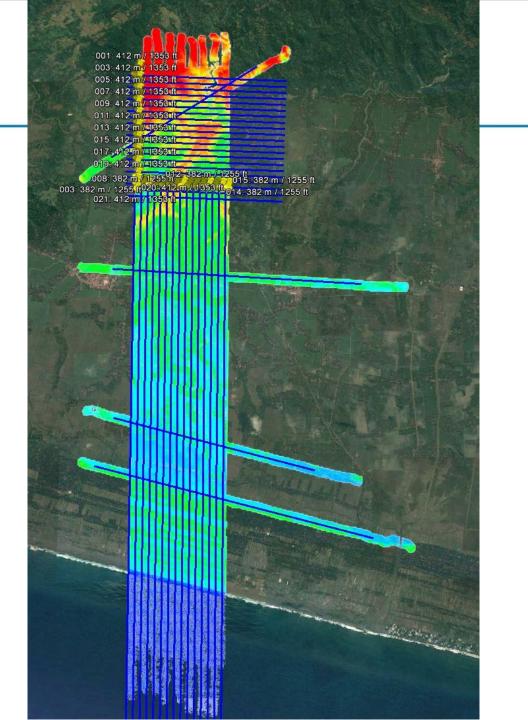


Poncowarno Canals – Cross Sections









LiDAR Coverage Checks

Flight Plan &
Coverage - LiDAR
Bathymetry Irrigation



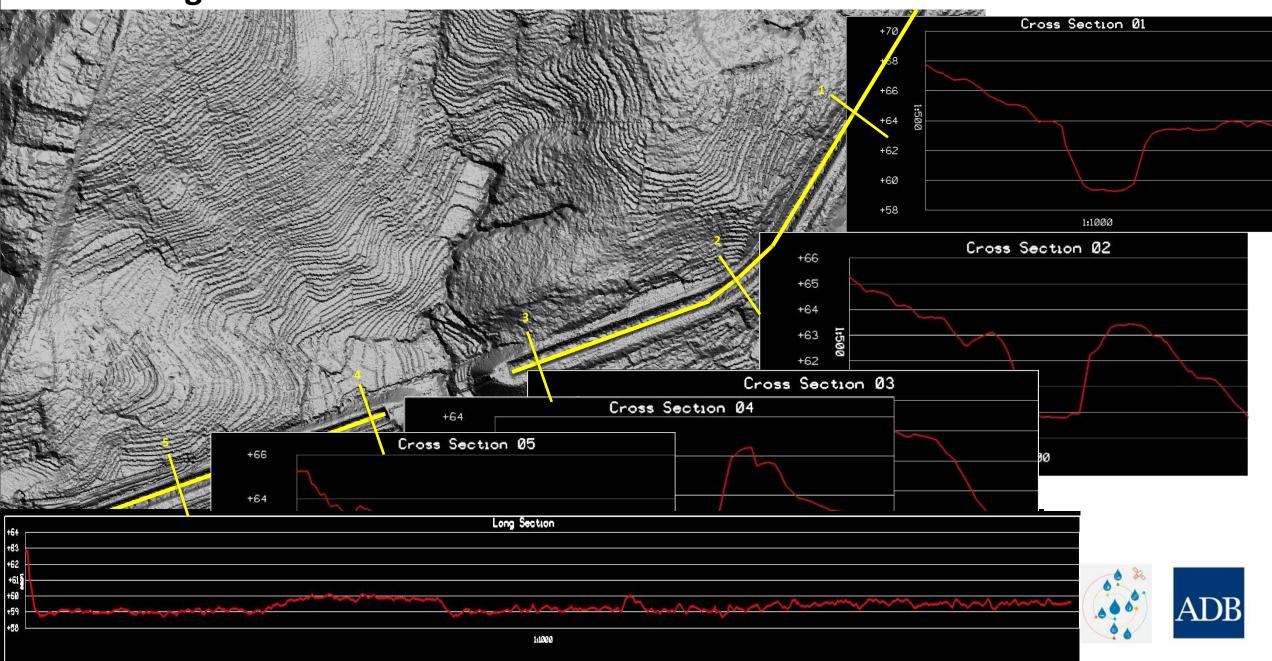
LiDAR Irrigation



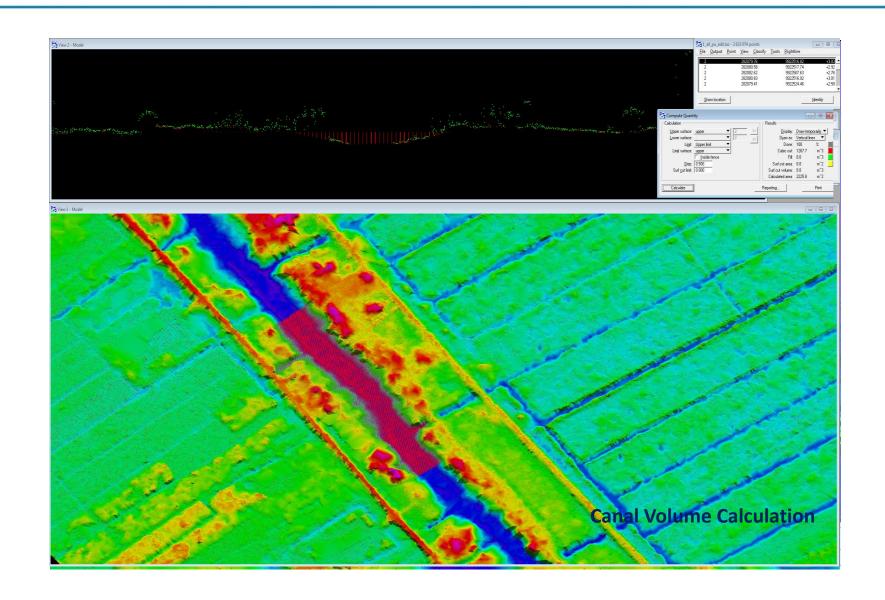




LiDAR Irrigation – Cross Section Profiles



Topo and Bathy LiDAR – Irrigation Deliverables



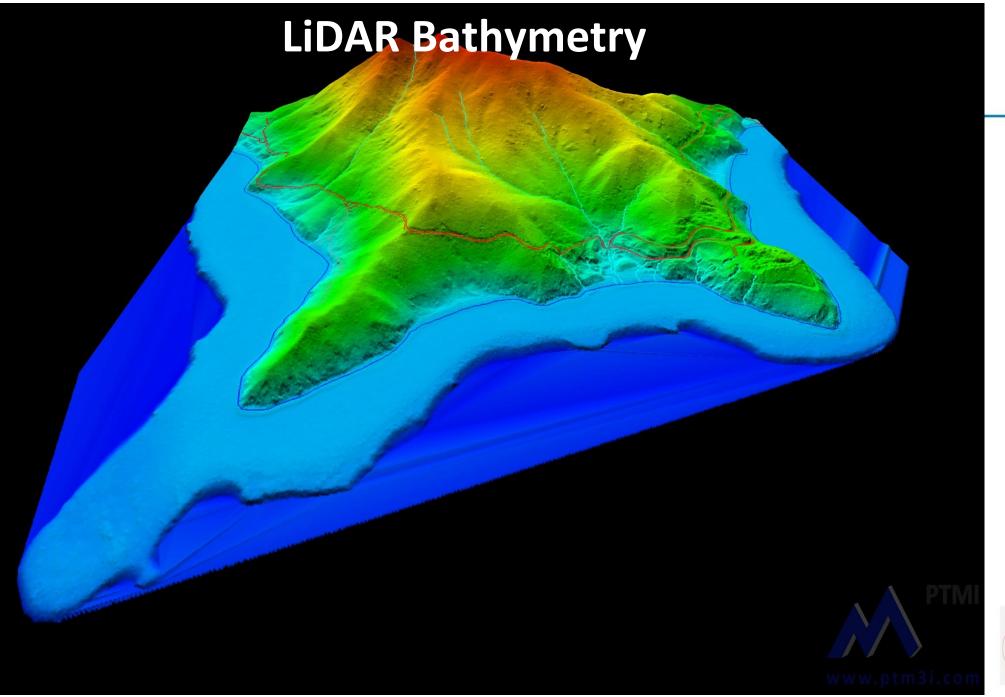
















Topo/Bathy LiDAR & DAP Data Deliverables

Standard:

- 1. RAW Digital Air Photo (DAP)
- 2. Classified LiDAR Data (Ground & Non-Ground)
- 3. Contouring @ selected contour intervals
- 4. Intensity Map Image
- 5. Tile (Map Sheet) Index

Value Added:

- 1. 3D Feature Mapping
- 2. Rectified Single Frame DAP
- Ortho Mosaic 10-15 cm Ground Pixel Resolution
- 4. Color / Color Infra Red / Near Infra Red Imaging
- 5. Irrigation, water management, watershed
- 6. River/Canal profiles and cross-sections
- 7. Dam/Reservoir mass water volume
- 8. Slope Analysis (stability design, etc.)
- 9. Land use management and monitoring, change detection
- Deliverables can be tiled at 1km x 1km tile size or at client's preference.



