

Background

- Founded in 1992
- DigitalGlobe is a leading global provider of commercial high-resolution earth imagery products and services, sourced from our own advanced satellite constellation.
- Global presence with offices in Longmont, Washington D.C., London, Singapore, with 700 global employees
- Listed on NYSE (DGI)

Leading Provider of World Imagery Solutions

- High resolution satellite constellation & advanced aerial program
- Most comprehensive Digital Globe
- Highly scalable Geospatial Cloud Computing capabilities
- Innovative products and services providing insight analysis, saving time, resources and cost.



Challenges for Effective Planning & Digital Mapping

Imagery

- Historical imagery for accurate change detection within infrastructure
- Current imagery updated regularly
- Seasonal consistency

Access

 Distributed access to imagery via online and web based services for in-field, emergency response

Cost Efficiency

- Low cost access to imagery for planning, in-the-moment access of events, post event mobilization and monitoring
- Flexible solutions for ease of automating processes/analysis

Comprehensive Baseline Coverage

 Comprehensive, in-depth world imagery coverage of consistent source, scale and quality

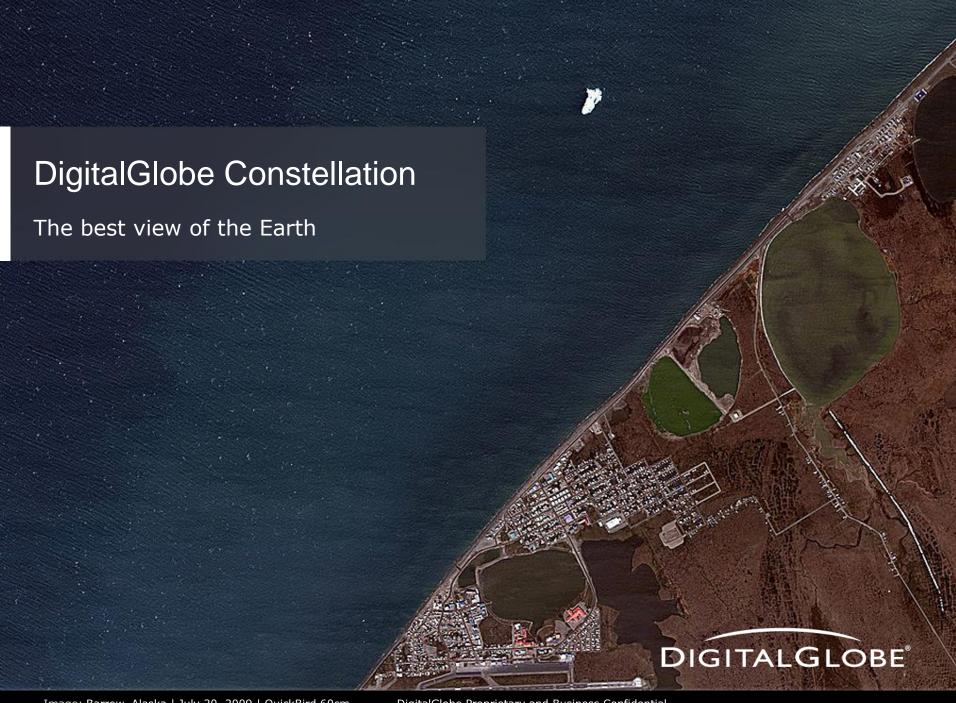


Effective Land Administration Solution

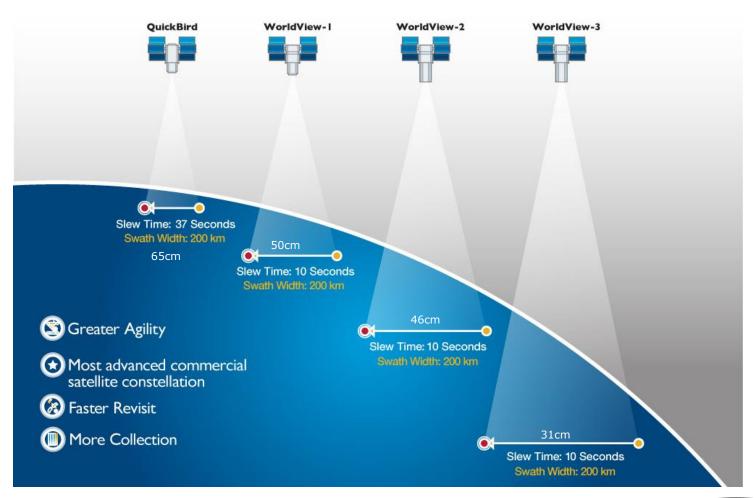


- Worlds Largest Commercial ImageLibrary = >2.6BN km2
- Most Agile satellite constellation available = Collecting 2.5M km2 each day
- World's only 8 band high resolution sensor for better feature extraction and classification
- Digital Elevation Models for elevation and volumetric analysis
- Access offline or online, on mobile devices & desktops





The best view of the Earth





Large Area Collections

Collection Capacity

2.5 million km² collected daily

Collection Rate

Six times the world's land mass each year

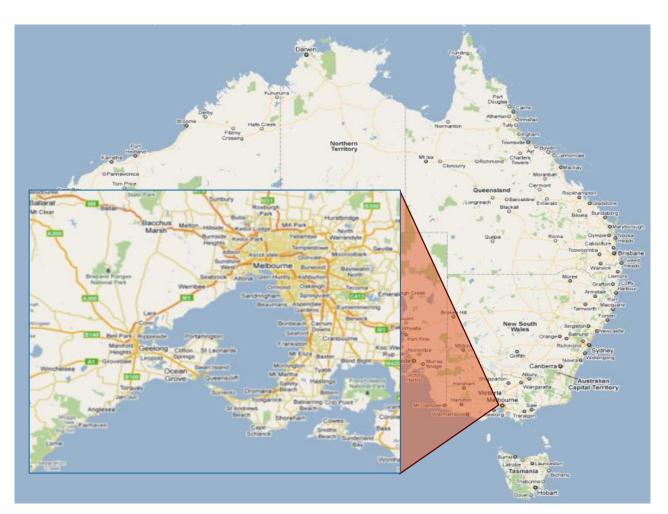


ImageLibrary

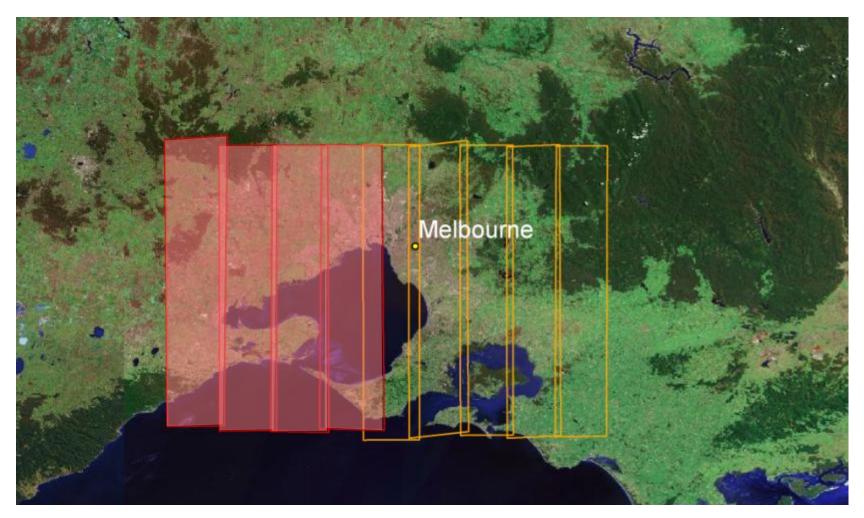
2.6 billion km² to date



Large Area Collection



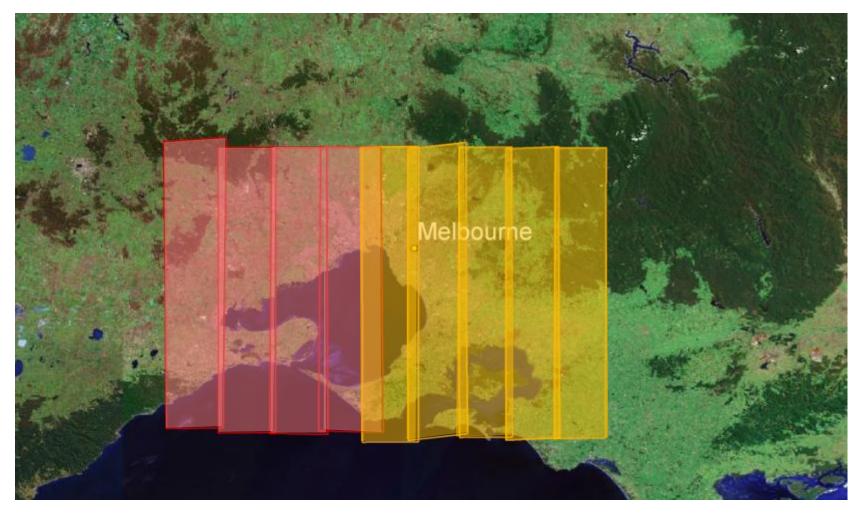
WorldView-1 Single Pass



WorldView-1: 9,018 km² in a single pass



WorldView-2 Single Pass



WorldView-2: 10,662 km² in a single pass



Projects in Brazil

Paraná State Mapping 220.000 km2

Project requirements

- Area: 220.000 km²
- 2 m resolution, RGB, 5% cloud cover.





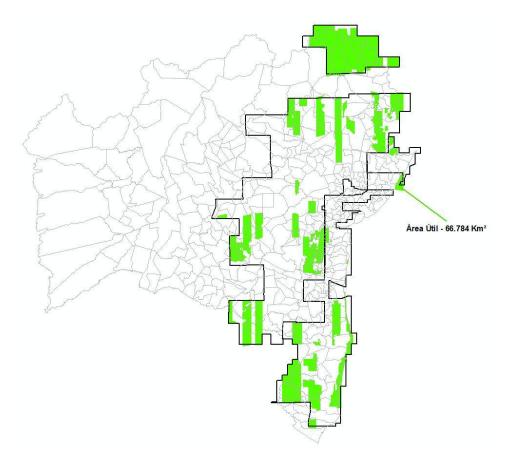




Projects in Brazil

DEM for Bahia State

- **225.000** Km2
- Stereo pairs
- 66.000 km2 already collected





Projects in South America

DSM and ortho mosaic for IGM Chile

- 185.200 Km2 (part 1, north of Chile)
- Delivery of DSM:
 - Resolution: 8 meter posting interval
 - Absolute Vertical Accuracy: 8 meter LE90
 - Relative Vertical Accuracy: 5 meter LE90

Delivery of ortho-mosaic:

- Resolution: .5meter
- Radiometric Resolution of 8 bit
- Spectral Resolution of 0.4 to 0.9 micron
- Accuracy: 6.5m CE90 horizontal.
- Project schedule (estimated): 9 months



Industry leading Agility























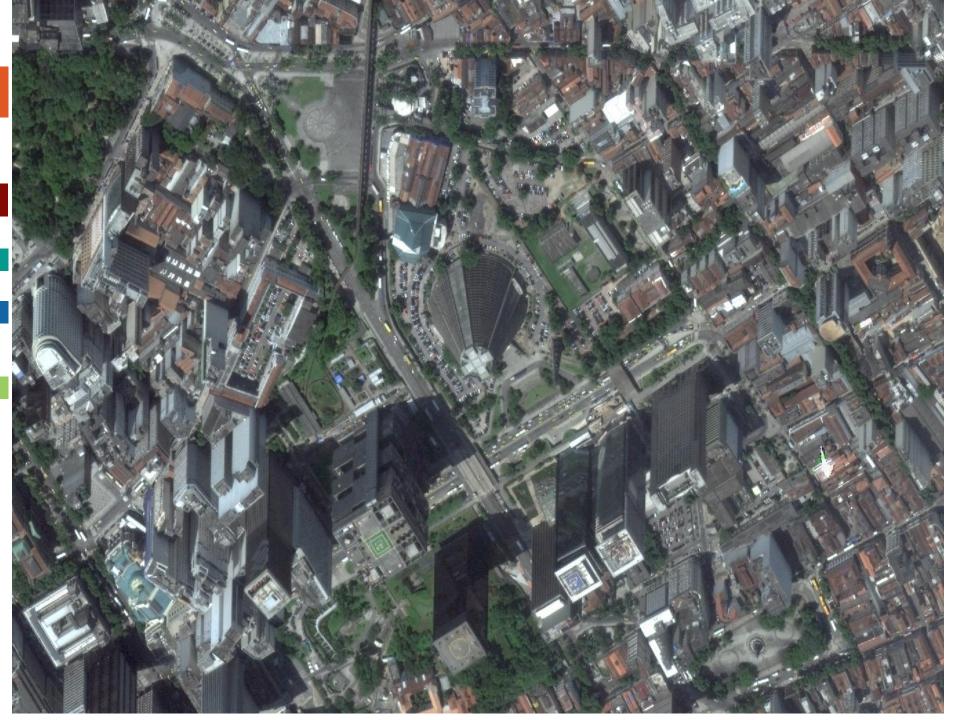


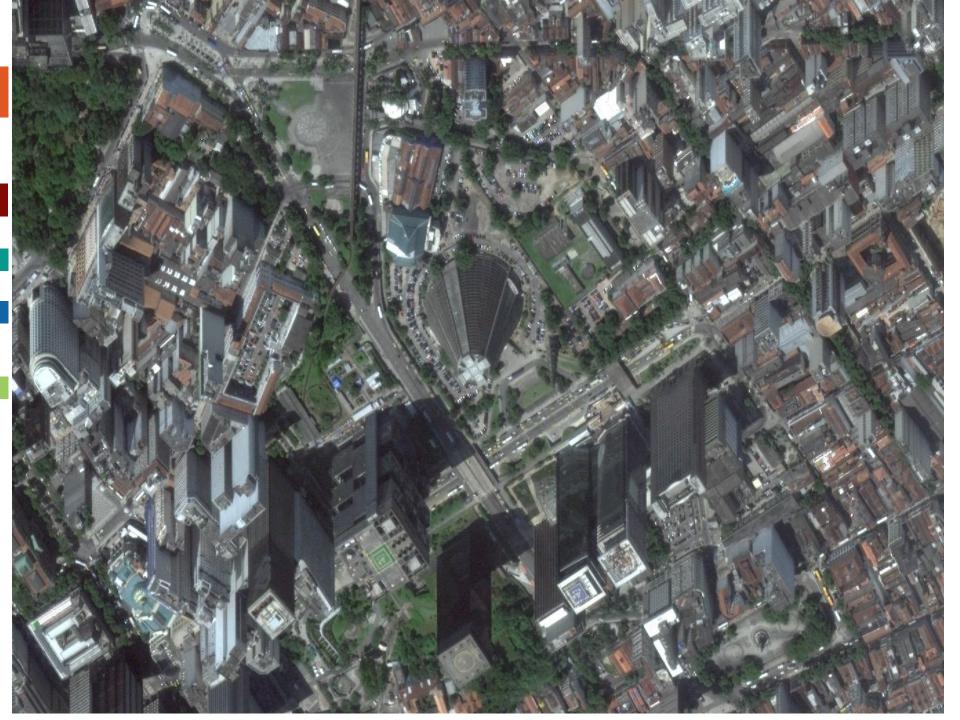


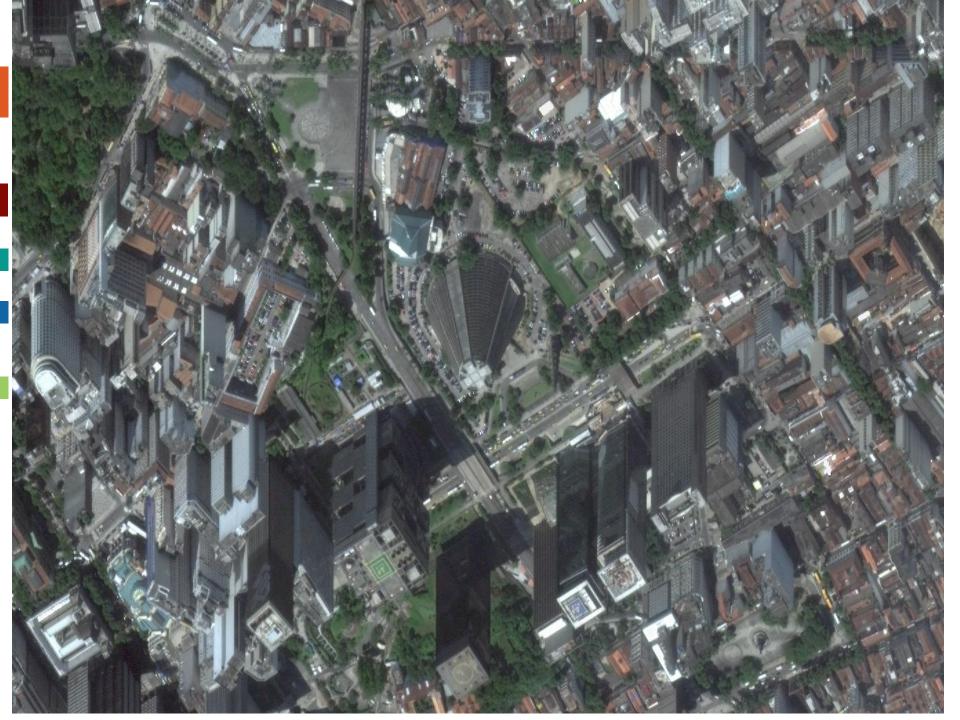


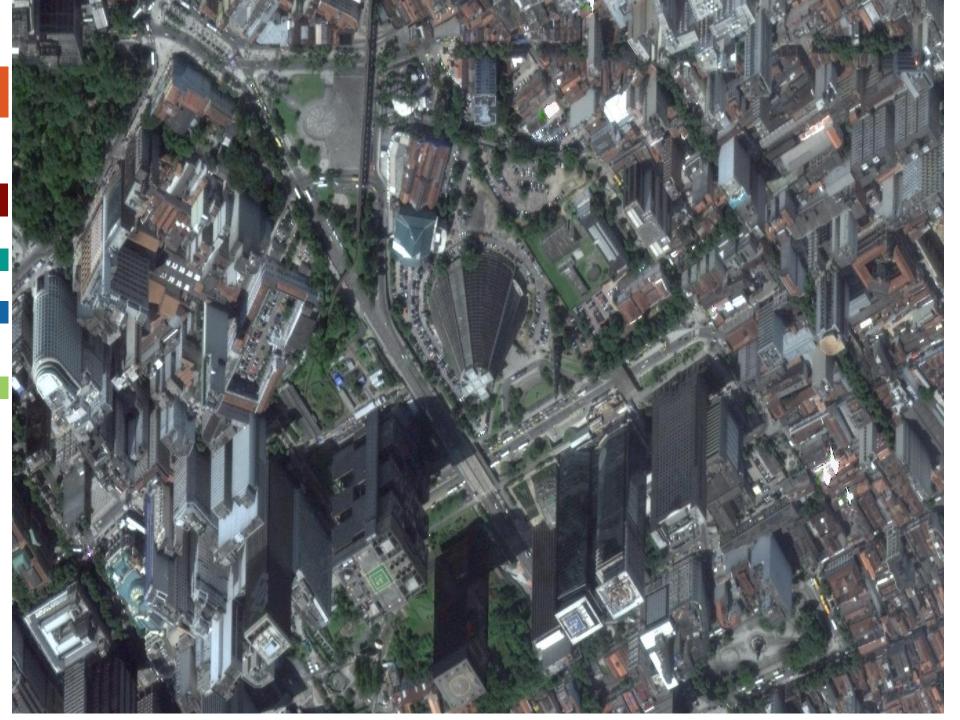


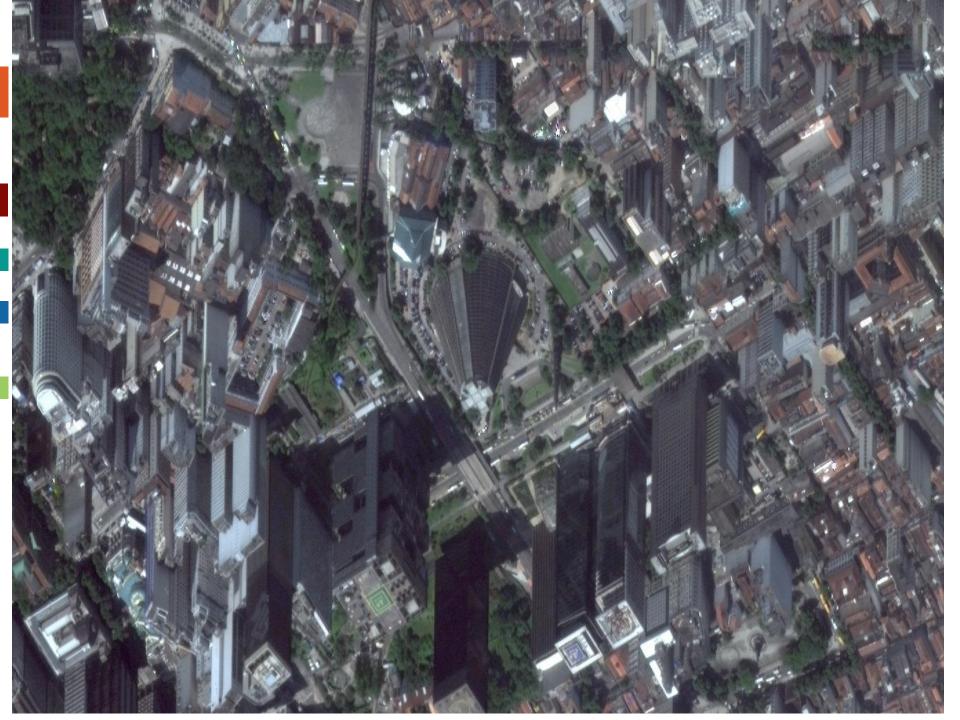


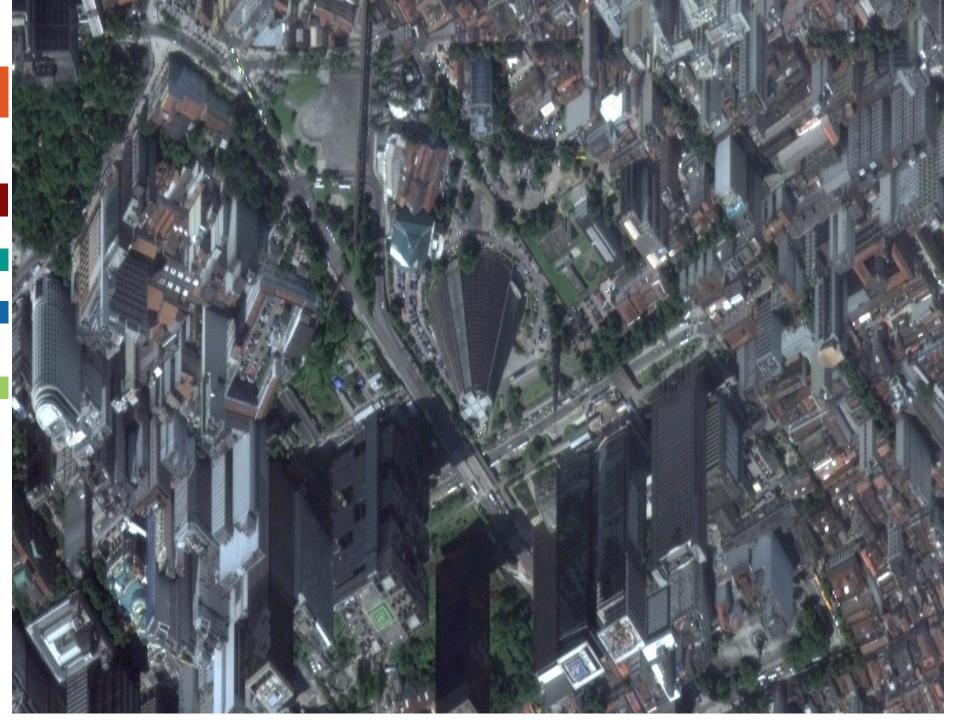


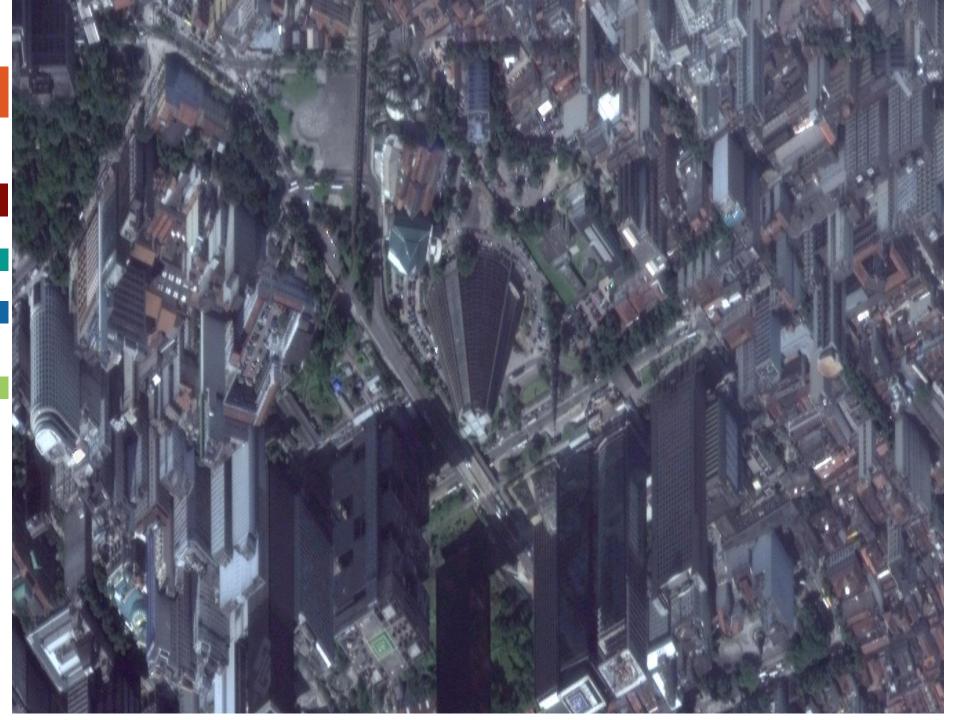


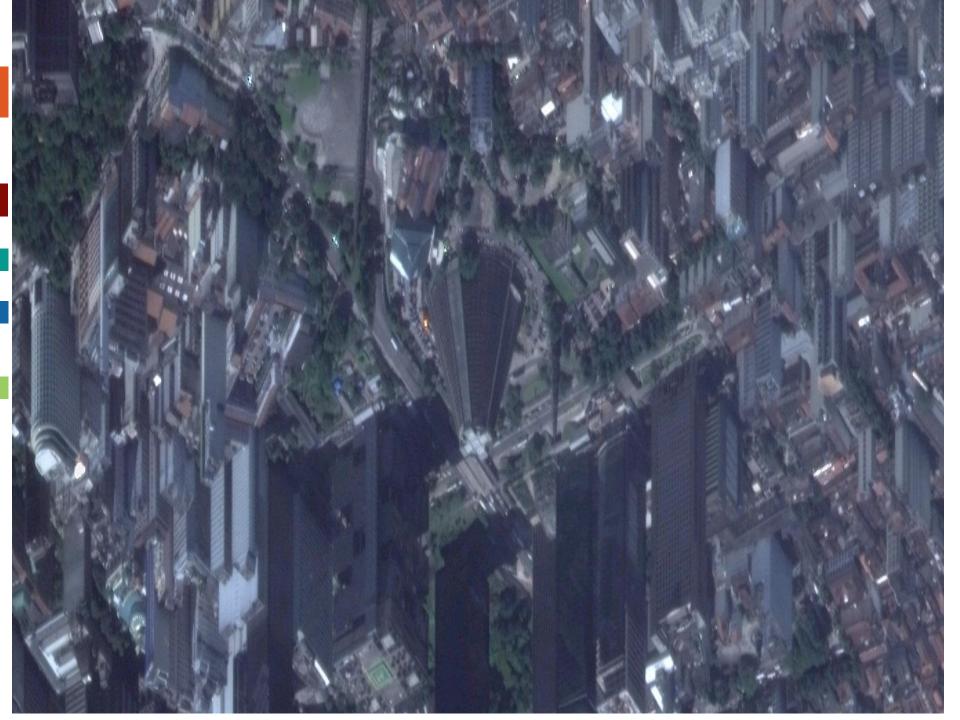


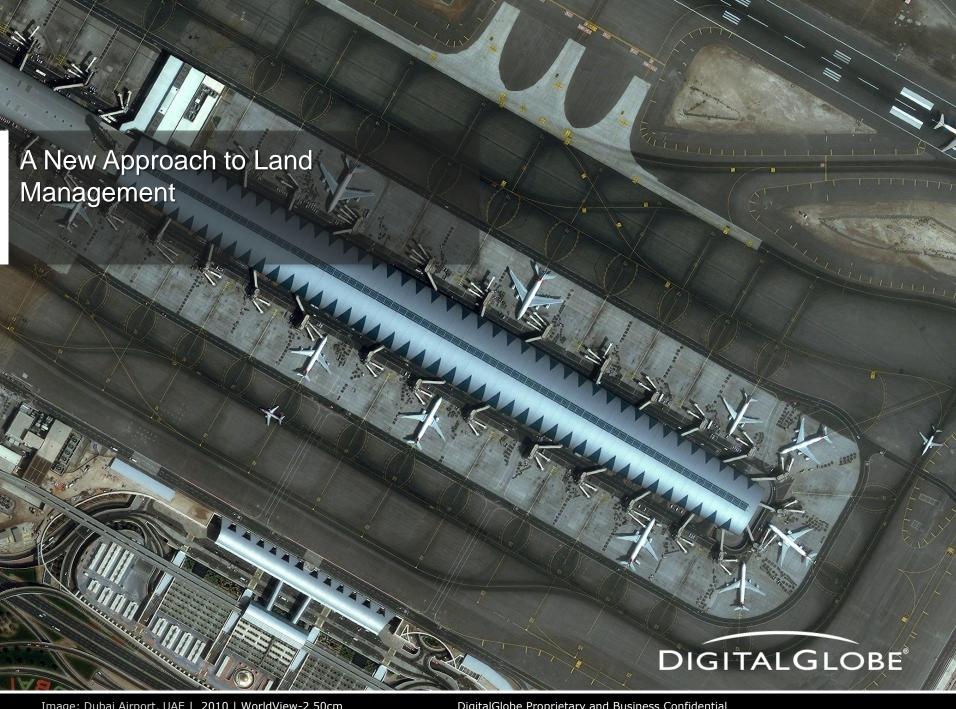






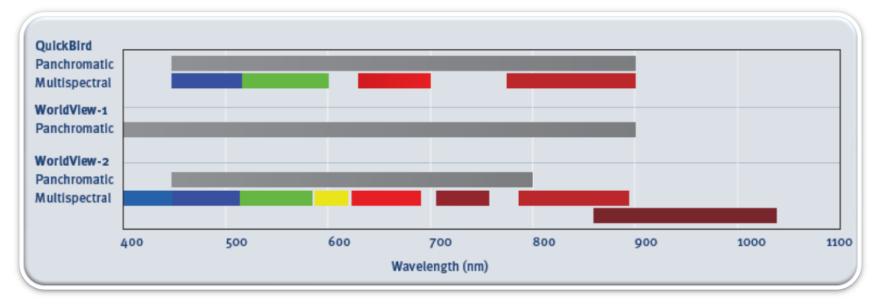






8 Bands – More Detail, Better Insight

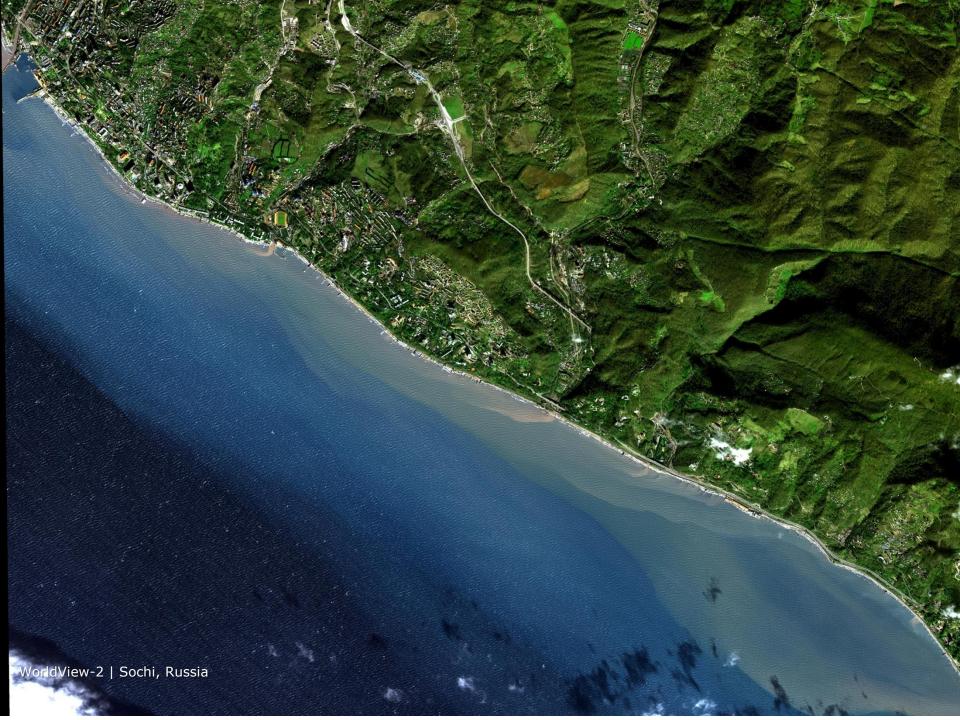
 DigitalGlobe (WorldView-2) has the only commercial high resolution satellite to capture in 8 band imagery, allowing for greater feature extraction, vegetation & bathymetric analysis.



 Additional bands include coastal blue, red edge, yellow and near infra-red 2.

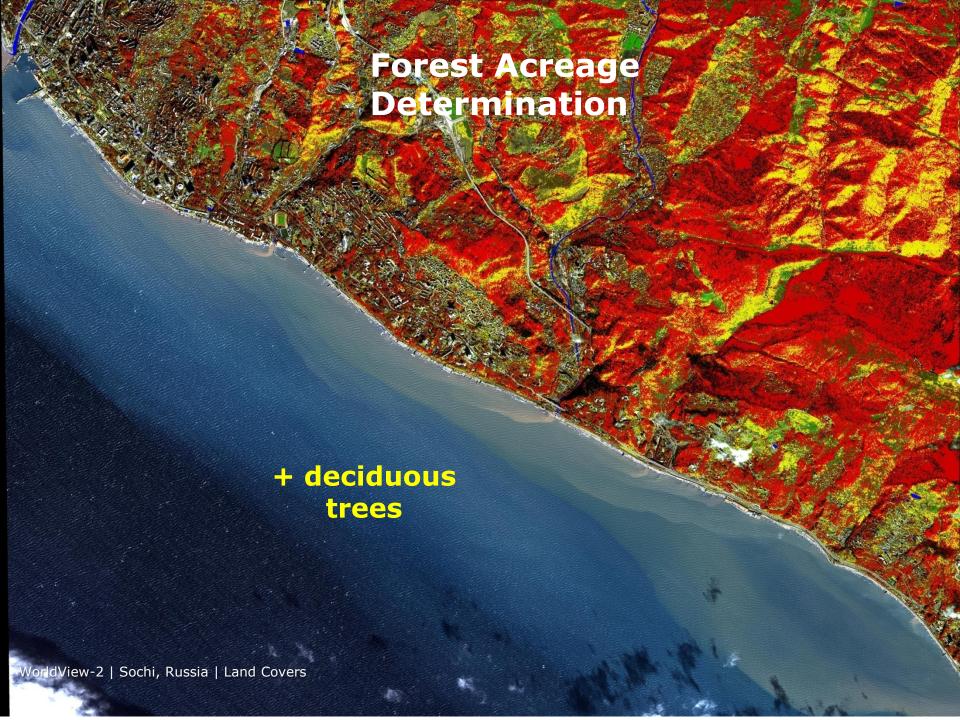




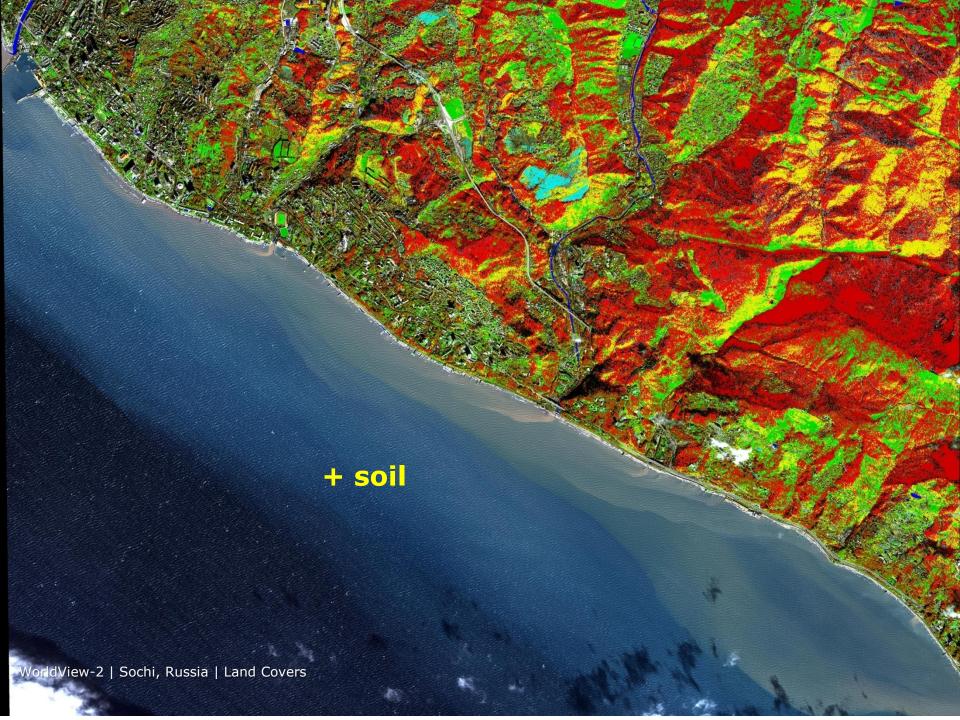




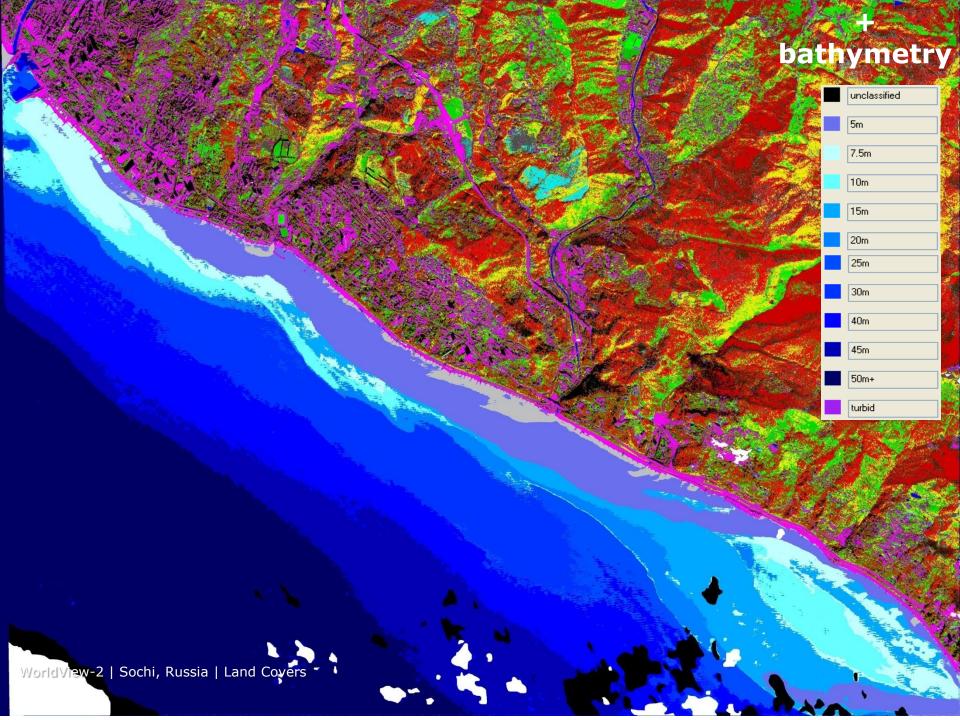
Forest Acreage Determination + conifers shaded and nonshaded! WorldView-2 | Sochi, Russia | Land Covers

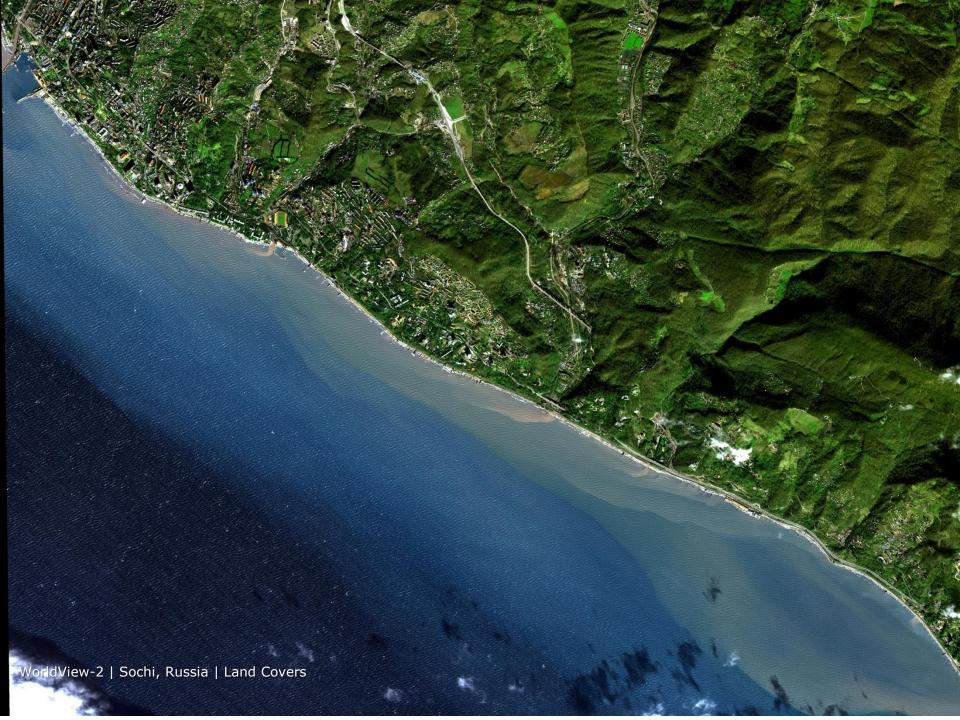








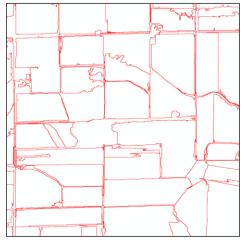




Crop Identification and Acreage Estimation

Field Boundary Extraction



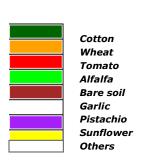


Field Boundaries

Crop
Identification
and Acreage
Estimation

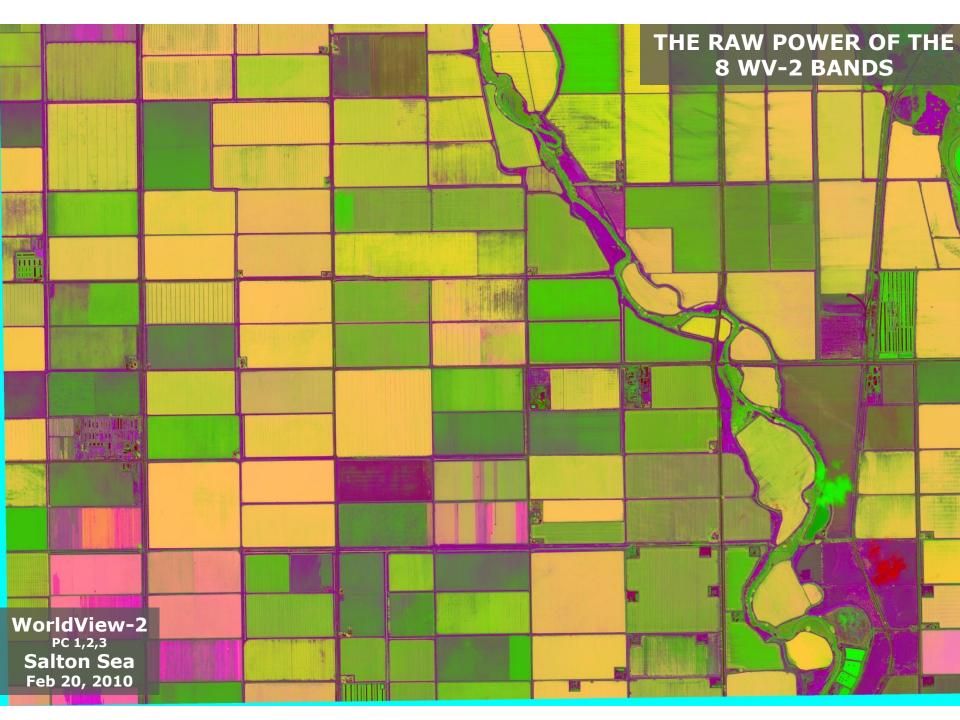


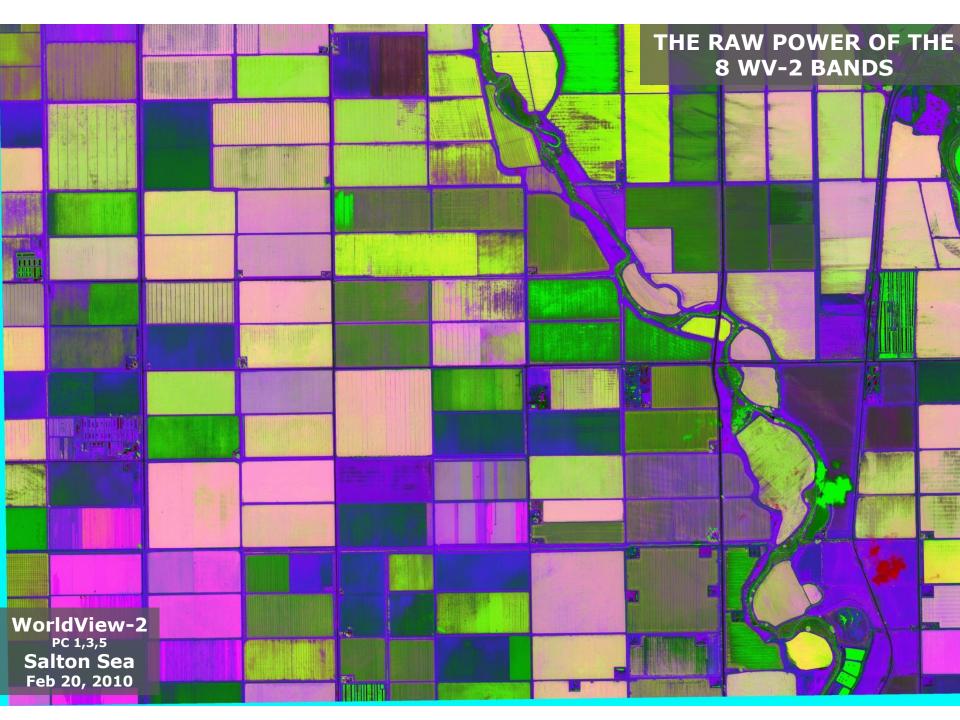


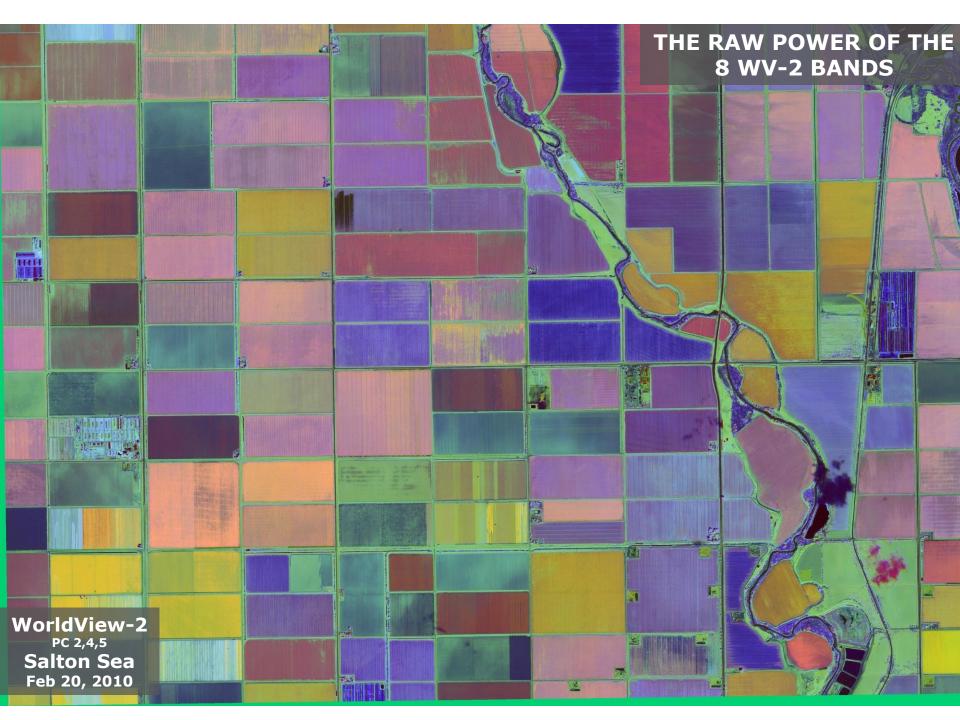














Change Detection – Visual Context



Summary

Land Management

- Highly accurate large area imagery reduces time and cost
- Building management/codes enforcement
- Land Classification and Feature Extraction
 - Roads, Buildings, Forests, Water
- Crisis Event Management
 - Historical & latest images for change detection and emergency planning
 - Elevation data for flood planning and area classification
- Plot urban sprawl
- Change Detection
 - Historical vs Current





