Geospatial World Forum
Business Intelligence Panel

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Trends

“Anything, Anywhere, Anytime”
- Track, monitor, forecast, predict
- IoT, Drones, machine data, business data....
- New normal

Acceleration to cloud
- Time to value
- TCO

Spectrum of sources
- Imagery
- Real-time data
- Operational data, data warehouse, data lake
- User’s data

Self Service
- Line of business and executive users
- Data scientists
- Beyond visualization
Example – Global Agriculture Monitoring
USDA

Presented at Oracle Spatial User Conference
Example – Justice Program Grants Analysis
DOJ
UniCoop Firenze – Retail Sales Optimization
Example – Emergency Response
Innovations

Microservices
- Small, independent, lightweight
- Do one thing well
- Agile uptake

Serverless
- Load function to serverless platform
- Platform manages operational overhead
- Triggered, short-lived

Vector tiles
- Replacing raster ‘slippy maps’ for web mapping
- Much more flexible, powerful, visually appealing
- Brings maps to high water mark of BI visualizations

NLP
- Extract location entities
- Geo-enrich with geometry, geo-hierarchy
- Used for harmonization and analytics in BI