Impact of New Technologies on Geospatial Information Management

International Workshop on Legal and Policy Frameworks for Geospatial Information

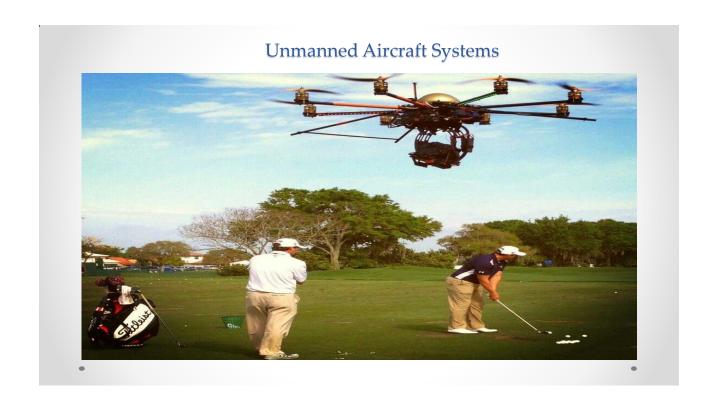
Nuku'alofa, Kingdom of Tonga 10-13 April

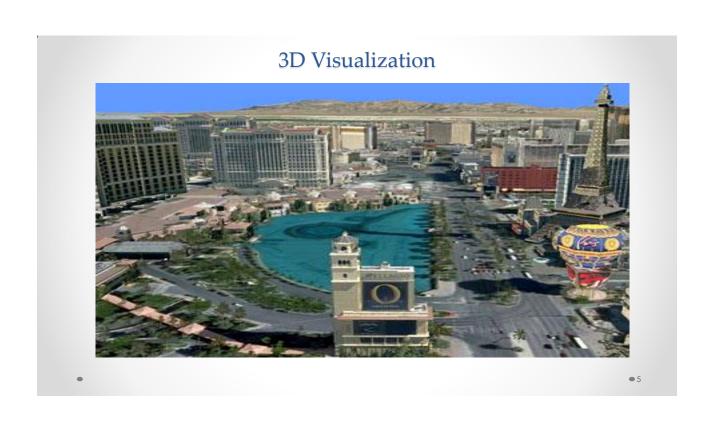
Objectives of This Module

- Understand Emerging Trends That Will Impact Geospatial Information Management.
- Understand How Laws and Policies Developed In Response to Emerging Technologies Could Impact Geospatial Information Management.

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Tracking Devices





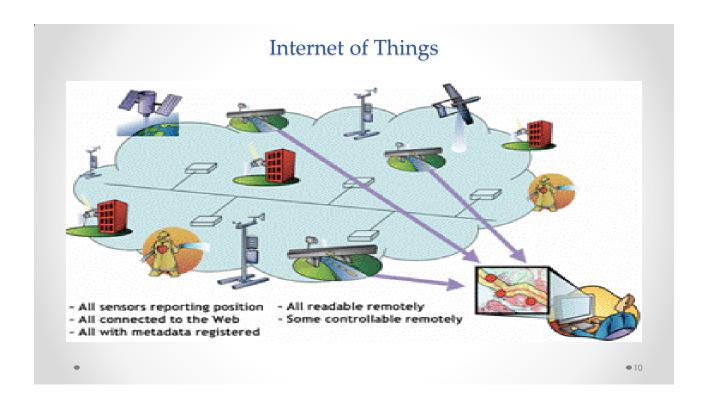
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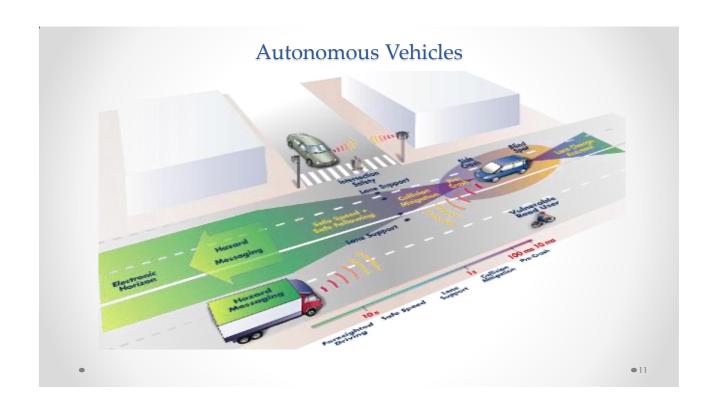
Social Media



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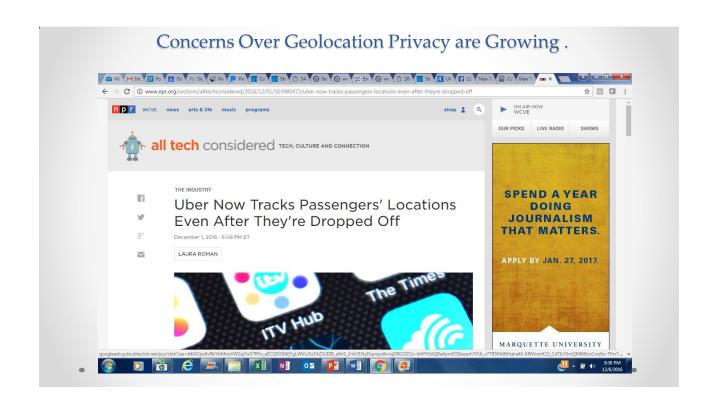


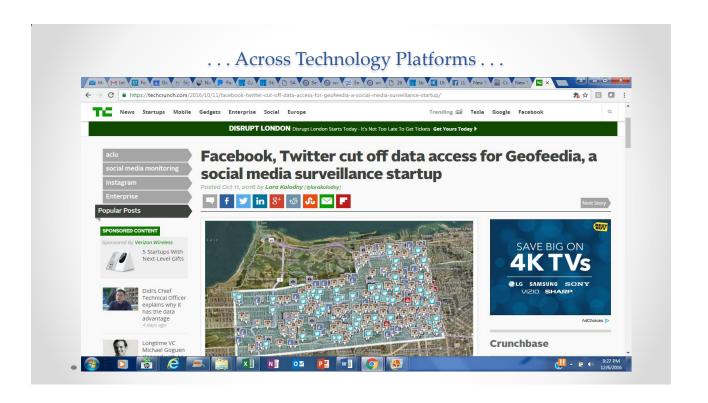


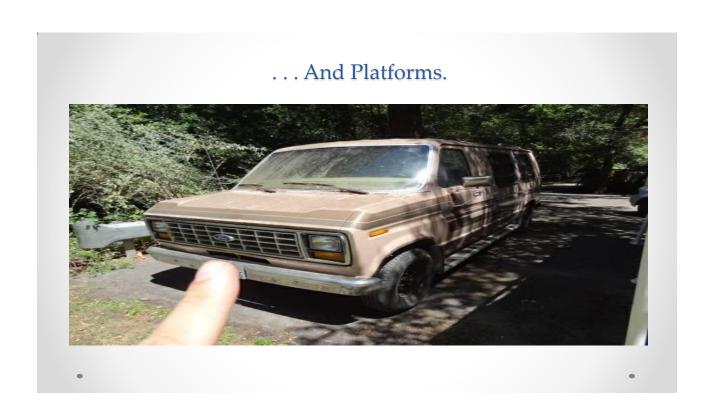
Growth has Resulted in a Number of Media Reports On Geolocation Privacy

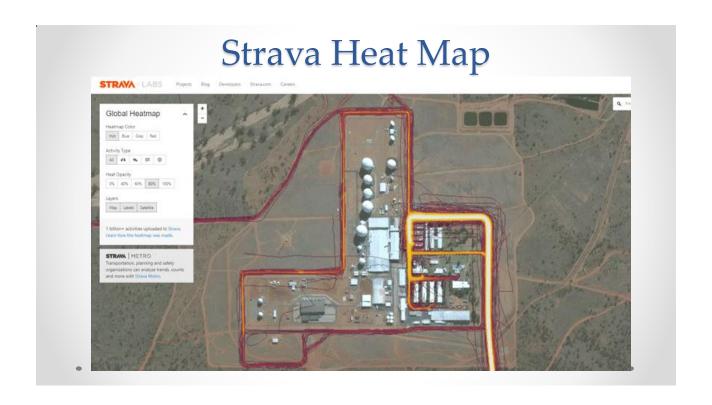
- Smart phone apps
- Drones
- Geotagging of on-line photos
- Law Enforcement's Use of Location Data
- Smart Grid
- Tracking Devices
- Autonomous Vehicles

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Open Data Trends

- Growing number of organizations are creating their own Open Data licenses.
- Each are a little different.
- · Will be harder to aggregate Open Data without careful review.
- But most are not well suited for geospatial community
 - Defined terms
 - Users of geospatial information
 - Types of geospatial information
 - Variety of actors using geospatial information

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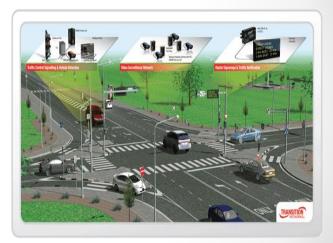
New Stakeholders

•	Geospatial community will	need to	"share"	geoinformation	with
	new communities:				

- □ Smart Cities
- Autonomous Vehicles
- Internet of Things
- Open Data Communities
- ☐ Business Intelligence
- ☐ Internet of Things
- Each have their own motivations, concerns.
- Subject to their own regulations and legal framework.

Challenge Will Grow As New Technologies and Applications Develop

Laws/policies will developed concerning nontraditional geospatial technologies and stakeholders that will impact broader geospatial community.



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New Regulators

- Consumer Protection
- Telecommunications
- Privacy
- Law Enforcement
- Energy
- Transportation
 - o Ground
 - o Air

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Discussion Items

• Discuss what can work for you?

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