

Metadata: Key in making wise social, economic, and environmental decisions?

Mr. Todd Oseth CEO, Intermap 10/23/2011

www.Intermap.com

Geospatial Market Overview

INIERW/P



Geospatial Data – Information - Knowledge

INIERW1

ytes storage cloud computing access

latitude posting reference pixel height optical microwave space airborne RGB elevation bands longitude resolution accuracy root mean square satellite collection editing hydro-enforced orthorectification shuttle photogrammetry interferometry LE wavelen red gree

Does the geospatial cification upper right-hand corner radar parameters SRTM digital surface model

3D road indus

Does the geospatial industry follow universal metadata standards?

web ser **metadata standards?** gle range geospatial software database GPS software projection vector raster ideas risk assessment orthometric ellipsoidal heights geodetic ground control network telecommunications buildings carbon exchange storage constellation X-L-P polarimetric national-scale services products infrastructure aggregate fusion 3D viewing contours coverage megabyte GIS



spot height

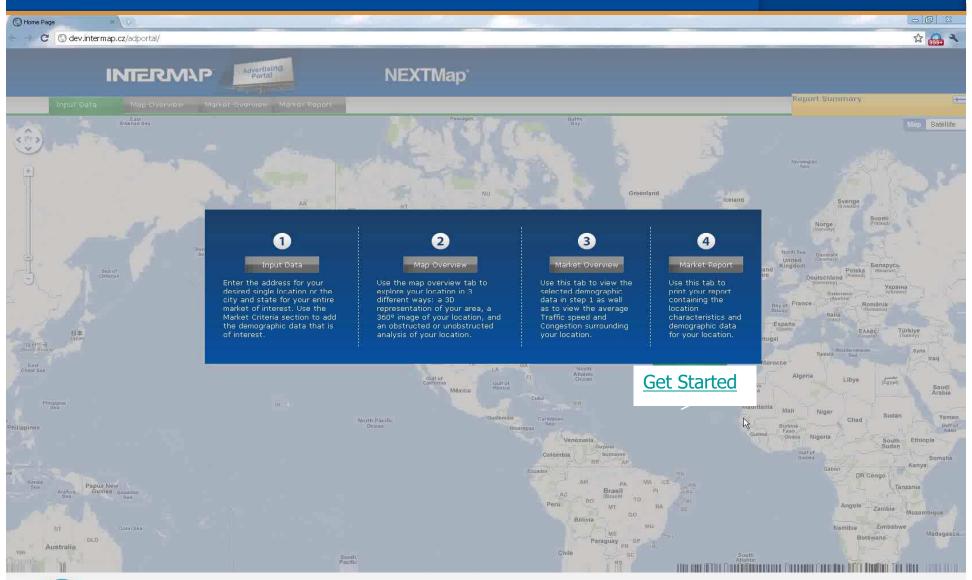
Z height estimate

Imagery maps reports

hub transfer strategic

Geospatial Data Providing Answers







Exchange Forum with Business Leaders on GGIM

Metadata Defined.... Well Maybe...

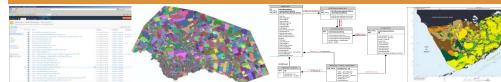
INIERMIP

longitude posting date sensor name/type NAD83 HARN/HPGN address enables queries Ireland 1975 Irish Grid IRENET95 Irish Transverse Mercator ITM WGS84 UTM compliant GDA94 UTM spatial data infrastructure WGS84 Geographic NAD83 UTM NAD27 UTM D50 data about data phic NAD83 State Planes report NAD27 Geographic data Table KGF93 NADOS HAKIN/HPGN Geographic State Plane RSO projections acquisition 1948 ETRS89 Geographic Alaska Albers Equal Area Conic Bessel 1841 Geographic byte Ccompliant ETRS89 UT the voice of data Potsdam DHDN latitude NTF France Gauss Krueger standards links ED50 Geographic acquisition ED50 Gauss Krueger RGF93 Geographic Greenwich Lambert Projections Bessel RGF93 Lambert 93 1841 Gauss Kreuger WGS84 Lambert Projections ED50 Lambert Projections NTF Paris Lambert Projections NTF France Greenwich Geographic security in the security of th Potsdam DHDN Gauss Kreuger Gamany Ireland 1975 Irish Grid Transve Mercator (ITM) OSGB36 Brid National Grid RSO proje 1948 RSO East Malan Kertau 1948 RS GDA94 PRS92



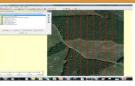
Is Metadata the Answer to Wisdom?















Will data issues overcome the ability to solve issues of great importance?





Data About Data...

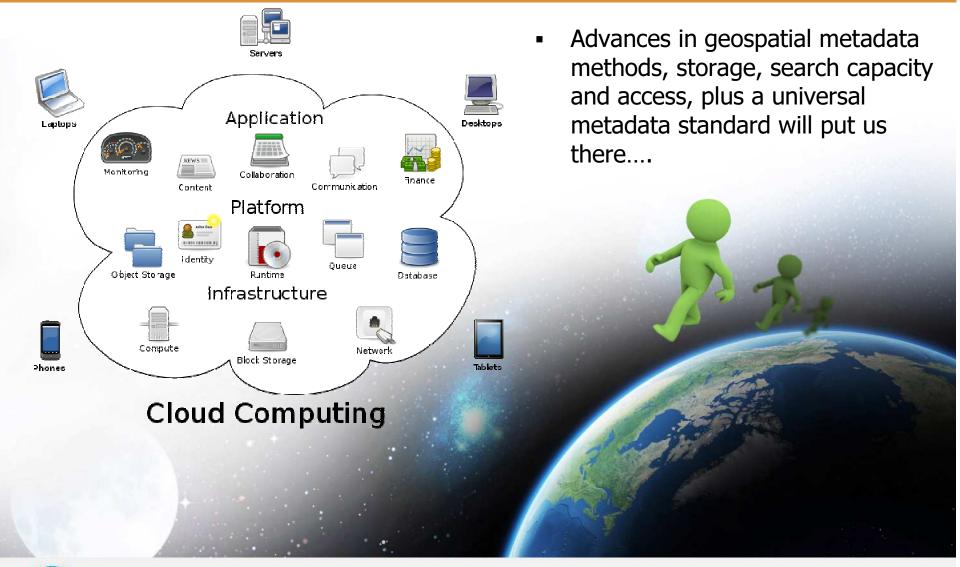






Are we on the right Metadata path?

INIERWIP





Concluding Thoughts....



- As geospatial data sophistication grows, so does the required complexity of metadata...
- How can we get to a place where every pixel/post on the planet has tied to it, information and knowledge that can help make wise decisions about social, economic, and environmental issues of pressing importance?



