Hands-On

Creating Web Maps using ArcGIS Online Services

Ocean Teacher Global Academy (OTGA)

Training Course on

GIS Applications for Coastal Zone Management

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N. Kiran Kumar

Scientist-D & In-charge Web Based Services, INCOIS

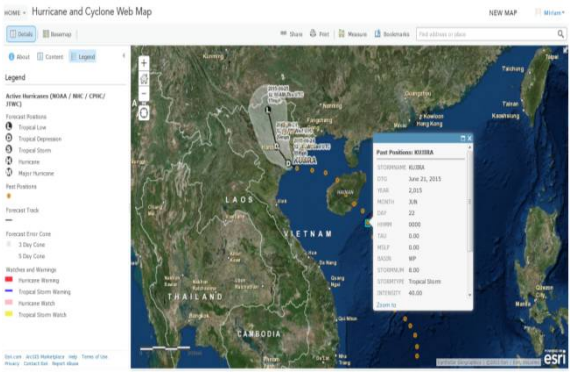
kirankumar@incois.gov.in

International Training Centre for Operational Oceanography (ITCOocean)

ESSO-INCOIS, Hyderabad, India

Web Map

- A map stored in ArcGIS Online or Portal for ArcGIS
  - Basemap
  - Operational layers
  - Legend
  - Scalebar
  - Optional: Bookmarks
- Layers are web layers

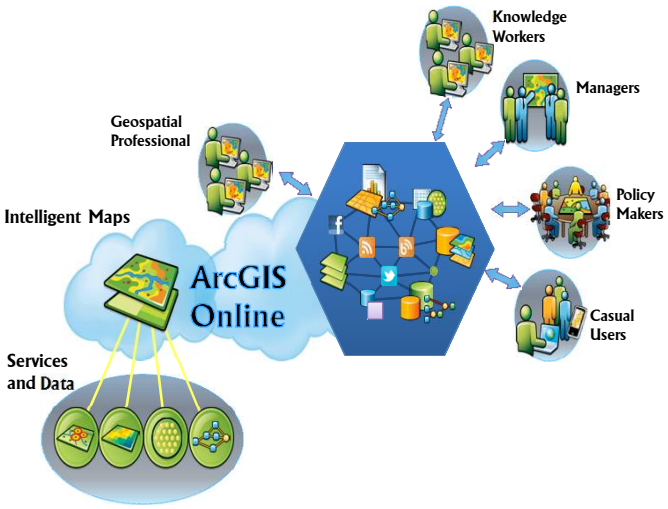


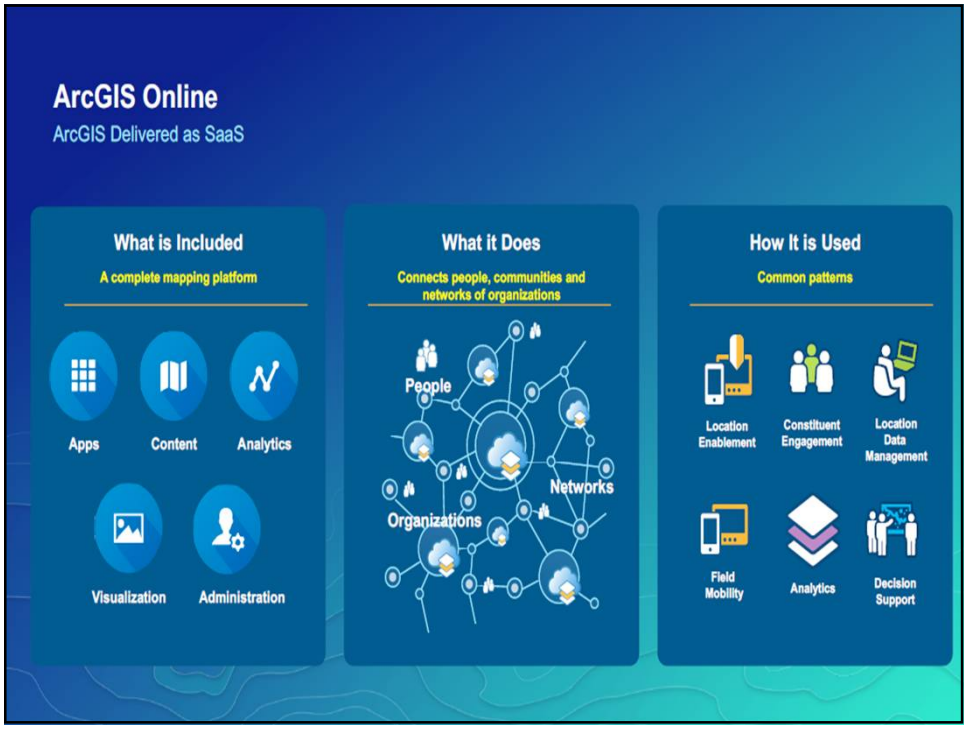
Web Layers

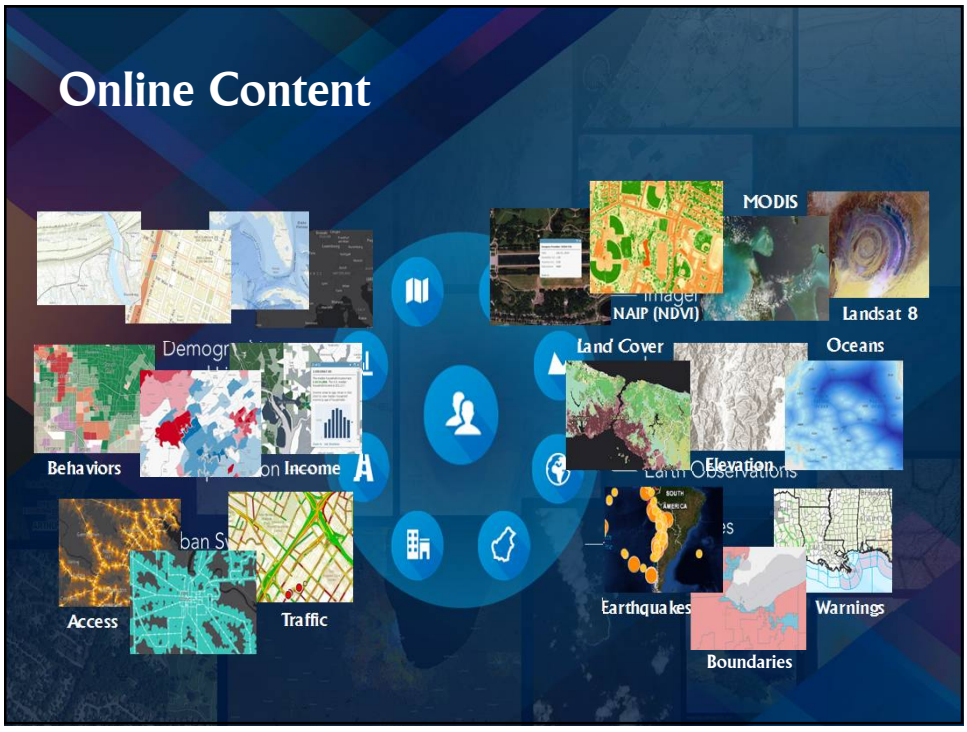
Also called services

- Feature Layers
  - Streams vector features on the web
  - Allow query, visualization, and editing
- Tile Layers
  - Streams pictures of the data on the web
  - Draw fast

ArcGIS Online



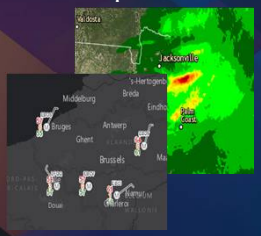

ArcGIS Online
ArcGIS Delivered as SaaS
What is Included
A complete mapping platform
Apps
Content
Analytics
Visualization
Administration
What it Does
Connects people, communities and networks of organizations
People
Networks
Organizations
How It is Used
Common patterns
Location Enablement
Constituent Engagement
Location Data Management
Field Mobility
Analytics
Decision Support


Online Content
MODIS
NAIP (NDVI)
Landsat 8
Land Cover
Oceans
Elevation
Behaviors
Income
Access
Traffic
Earthquakes
Warnings
Boundaries

Community Content

NOAA

Precipitation Estimates



Real-Time Observations

Weather Radar

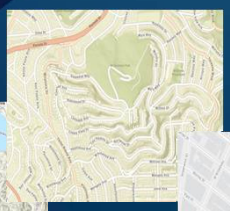
Nearmap Imagery (7cm)

Hexagon Imagery (30cm)

Basemaps

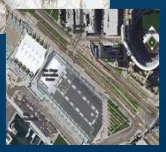
Terrain with Labels

Streets with Relief



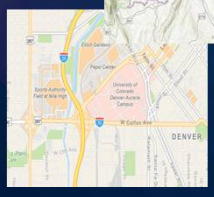
Topographic

Light Gray Canvas



Imagery Hybrid

Navigation



Streets at Night

Dark Gray Canvas

Streets

Hands-On Session

It's time to build your own maps

N. KIRAN KUMAR
Scientist

Indian National Centre for Ocean Information Services
Earth System Science Organisation
(Ministry of Earth Sciences, Government of India)
"Ocean Valley," Pragathi Nagar (B.O.),
Nizampet (S.O.), Hyderabad-500 090, INDIA

Tel: +91-40-23886037 Fax: +91-40-23895001
Mobile: +91-9866062707
E-mail: kirankumar@incois.gov.in
Website: www.incois.gov.in

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