Applying
THE SCIENCE OF WHERE

Esri Canada
User Conference
2017
Live Q&A

Questions can be submitted one hour before and up to thirty minutes after this session.
GIS is About
Connecting People, Processes, Things and Data About Them

System of Engagement

System of Record

System of Insight
GIS is About
Connecting People, Processes, Things and Data About Them

ArcGIS Pro
ArcGIS Pro

ArcGIS Enterprise

ArcGIS Online

Living Atlas

Vector Tiles

Integrated 3D

Cartography
ArcGIS Pro

Capabilities

Susan Enyedy-Goldner
ArcGIS Pro

Operations Dashboard

Collector

Web Maps

ArcGIS Enterprise

Living Atlas

ArcGIS Online

ArcGIS Online
Solution Deployment Tool

Mark Ho
GIS is About
Connecting People, Processes, Things and Data About Them

ArcGIS Pro
System of Record
System of Engagement
System of Insight
Field Operations

Taking a System of Record to the Field

Susan Enyedy-Goldner
Mark Ho
GIS is About
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ArcGIS Pro

System of Record
System of Engagement
System of Insight
ArcGIS Online
A Complete, Cloud-Based GIS Platform

- Apps
- Maps and Content
- GIS Capabilities
- Collaboration
ArcGIS Online

Creating a System of Insight

Mark Ho
Susan Enyedy-Goldner
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ArcGIS Pro

System of Engagement
System of Record
System of Insight
Open Data Catalog

- Search & download
- Data sets & documents

Open Data Portal

- Data-driven narratives
- Interactive maps & applications
Open Data
Telling Stories with Data
Susan Enyedy-Goldner
Open Data Catalog

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Open Data Portal

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Citizen Engagement Hub

- Citizen participation
- Policy-based initiatives
ArcGIS Hub | A Platform to Engage With Your Community

Organizing and Leveraging Community Interactions

Includes

- **Policy Initiatives** (Web Sites, Apps, Maps and Reports)
- Community Identities
- Dashboard Monitoring
- Demographic Content

ArcGIS Hub

New Product

Government

ArcGIS Online Community Organization

Easily Configured and Used
ArcGIS Hub

Engaging Citizens with Initiatives

Mark Ho
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AWARD OF
EXCELLENCE

WINNER

For Outstanding Use of GIS
Award of Excellence

- Awarded each year to deserving Esri Canada customers
- Honours organizations for their outstanding use of GIS
- Chosen from hundreds of organizations across Canada
This Year’s Winner

• Created the Land Use Planning Tool prototype for Indigenous communities
• Ease of access to authoritative mapped data
• Platform for sharing community-collected data
• Enhanced decision-making on local environmental management & land use
2017 Award Winner

Tim Eryou
Chief Information Officer &
Geomatics Services Team
INAC Organization

- Supports Indigenous and northern peoples in their efforts to improve their social well-being & economic prosperity
- Promotes the use of geography to enhance service delivery & decision-making
- Implemented ArcGIS Online (with web services, cloud, mobile, open data) in 2015-2016
In 2016, INAC Geomatics Services was approached by the Land and Economic Development (LED) Sector to support them in helping Indigenous communities to access relevant local and open data from various federal sources for land use planning.
solution

- In 2016, INAC Geomatics Services leveraged the INAC Geo Infrastructure and ArcGIS Online to develop the Land Use Planning Tool prototype.

- The tool was released publicly to selected communities for demo and feedback in the Spring of 2017.
Demo tool is a useful start and there is interest in continuing engagement in development

Desire for more access

Desire for capacity building/training in use of the tool

Desire for specific data layers relevant to their needs

Internet bandwidth and lack of hardware may be a limiting factor in utility

Seen as a complement to desktop applications and other GIS tools in communities that are more advanced in the use of GIS technologies
Future

- Continue to work with Indigenous communities to develop and apply modern GIS tools
- Collaboration on other initiatives at all levels
- Training/capacity building for GIS use, data capture and data sharing
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