Update on Community Maps Program

Alfredo Frauenfelder
Esri Boston Regional Office
Agenda

Program Status
New and Changing Maps
Community Maps 2.0
Community Maps Program Review:

- Community Maps is a relatively new program now in year three
- A suite of cloud-based maps at global to local scales
- Image cache format for quick, consistent mapping on all platforms
- Content drawn from commercial sources supplemented by authoritative data from government GIS agencies
- An integral part of ArcGIS online
- **NOT** a data portal: no vector data can be discovered and downloaded
Program success so far

Program Totals (March 2012)

- 208 published maps
- 350 more in production

And Growing!!
Community Maps Team(s)

Product Management

Don Cooke – Product Manager - Community Maps

Deane Kensok – Manager - ArcGIS Online

Christophe Charpentier – Manager – Data & Content

Professional Services:

Seth Sarakaitis - CM Team Lead

Tiffany Cronin– Production/QA Lead

Brian Sims - CM 2.0 PM

Mark Stewart– CM Training
Agenda

Program Status
New and Changing Maps
Community Maps 2.0
New and Changing Maps

- New Light-Gray “Canvas” Map
- New National-Geographic Styled Map

Allen Carroll, Chief Cartographer at Esri
New and Changing Maps

- New Light-Gray “Canvas” Map
- New National-Geographic Styled Map
- New Oceans Basemap

Dawn Wright, Esri’s Chief Scientist
New and Changing Maps

- New Light-Gray “Canvas” Map
- New National-Geographic Styled Map
- New Oceans Basemap
- New World Topographic Map Design (provisional)
  - Damien Demaj is leading the redesign effort
Design Objectives

- Maintain the ‘look and feel’ of a traditional topographic map
- Compliment Esri’s existing suite of basemaps
- Respect and maintain characteristics of the current design
- A functional and simple design that can be implemented by our community of contributors
- Limit the number of changes as the scale increase
- Bottom line – the design MUST look great!
Boston: 1:4000
Boston: 1:36,000
Boston: 1:144,000
Agenda

Program Status
New and Changing Maps
Community Maps 2.0
Dynamic Attribution
Issue Reporting / Feedback:

Search Results

40 results for 'topographic map feedback'

**Topographic**
Topographic map which includes boundaries, cities, water features, physiographic features, parks, landmarks, transportation, and buildings.

Web Map by esri
Last Modified: February 16, 2012

☆☆☆☆☆ (23 ratings, 1 comment, 560,074 views)

**World Topographic Map**
This world topographic map (aka "the community basemap") includes boundaries, cities, water features, physiographic features, parks, landmarks, transportation, and buildings.

Map Service by esri
Last Modified: April 2, 2012

☆☆☆☆☆ (42 ratings, 2 comments, 194,967 views)

**Topographic Map Feedback**
This map enables you to provide feedback on issues or errors that you see in the Esri World Topographic Map. Click the "Edit" button (or "Create Features" button in Explorer Online) on the toolbar and add a feature on the map to provide feedback.

Web Map by esri
Last Modified: January 16, 2012

☆☆☆☆☆ (1 rating, 4 comments, 1,192 views)
Issue Reporting / Feedback:

ArcGIS Topographic Map Feedback

Topographic Map Feedback

This map enables you to provide feedback on issues or errors that you see in the Esri World Topographic Map. Click the "Edit" button (or "Create Features" button in Explorer Online) on the toolbar and add a feature on the map to provide feedback.

Web Map by esri
Last Modified: January 16, 2012

(1 rating, 4 comments, 1,223 views)

More Details...

Open this map in:
ArcGIS Explorer Online

Make your own map
Add to this map
Make a new map
Issue Reporting / Feedback:

ArcGIS Topographic Map Feedback

Add Features

Draw Polygon to Add Comment
- Open Issue
- Closed Issue

Draw Line to Add Comment
- Open Issue
- Closed Issue

Draw Point to Add Comment
- Open Issue
- Closed Issue
Issue Reporting / Feedback:

ArcGIS | Topographic Map Feedback

Add Features

- Draw Polygon to Add Comment
  - Open Issue
  - Closed Issue

- Draw Line to Add Comment
  - Open Issue
  - Closed Issue

- Draw Point to Add Comment
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  - Closed Issue

Click to add a point
Press CTRL to enable snapping
Issue Reporting / Feedback:

ArcGIS | Topographic Map Feedback

Add Features

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Draw Point to Add Comment
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- Closed Issue

Type
- General map comment
- Add feature
- Delete feature
- Move feature
- Relabel feature

Description

Email (optional)

Status
- Delete
- Close
Issue Reporting / Feedback:

ArcGIS Topographic Map Feedback

Add Features

Draw Polygon to Add Comment
- Open Issue
- Closed Issue

Draw Line to Add Comment
- Open Issue
- Closed Issue

Draw Point to Add Comment
- Open Issue
- Closed Issue

Draw Point to Add Comment
- Open Issue
- Closed Issue

Type: Relabel feature
Description: Niihua should be Niihau just at scale ~1:2Million
Email (optional): dcooke@esri.com
Status:

Delete Close
Community Maps 2.0

- New maps
- Dynamic attribution
- Issue Reporting
- Editing
- Simplified Processing and updating
- Participant data in more maps
- Participant data at more scales
Workflow Update, December 2011

Participant Workflow

Contributor Data

Community Maps Template

Map Cache

Esri Workflow

Map Cache

ArcGIS Online

World Topo Map

Send Esri Map Package – Esri Caches!
Coming soon: A Vector-Based Approach: “C.M. 2.0”

Customer Driven Workflow
- Contribution Management
- Registration
- Data Submission
- Data Review
- Map Review

ArcGIS Online

Esri Driven Workflow

Community Maps
- Local Gov. - General Purpose
- World Topo Map
- National Geographic
- Canvas Map
- Future Maps

Value-Added Services (Future)

Built on Local Government Data Model
Community Maps 2.0

Benefits:
1. **Easier to contribute data**
   - Simpler submission process
   - Contribute what you can
2. Create multiple maps from single data source
3. Easier to process more frequent updates
4. Contributor content displayed at more scales
5. Potential for value-added services
   - Examples: Query, Identify, Geocode, Printing, Reporting

Proposed Schedule:
1. Beta program Q2 2012 (started April 30th!)
2. Official launch – UC 2012
Aligning with ArcGIS for State / Local Government

- CM geodatabase and Local Government Data Models
- CM geodatabase is a subset
- CM geodatabase is a stepping-stone
- CM geodatabase supports App templates
NEARC Community Map Participants:

Green: Published
Yellow: In Production

Join your neighbors!
resources.arcgis.com

Click on “Community Maps”

More info in the CM Blog, March 20 post

Questions:
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Alfredo Frauenfelder  afrauenfelder@esri.com