Community Maps Program News

Update, March 2012

Gary Scoffield

SCAUG
South Central Arc User Group

esri

Agenda

- Program Status
- New and Changing Maps
- Evolution of Community Maps Processing

Community Maps Program Overview

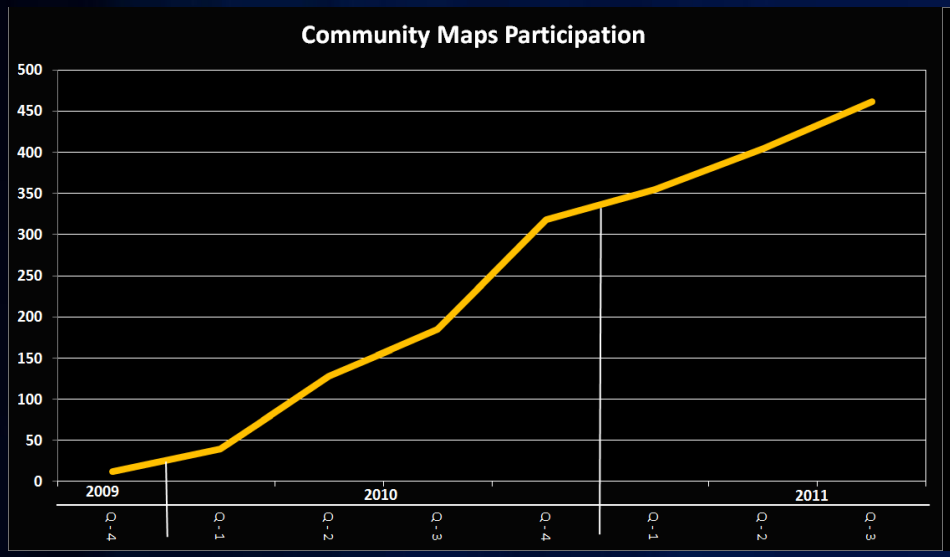
- Community Maps Program is in its 3rd year
- Suite of cloud-based maps at global to local scales
- Provides a useful collection of basemaps to serve as foundation for GIS maps and apps
- Image cache format for quick, consistent mapping on all platforms
- Content drawn from commercial sources supplemented 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

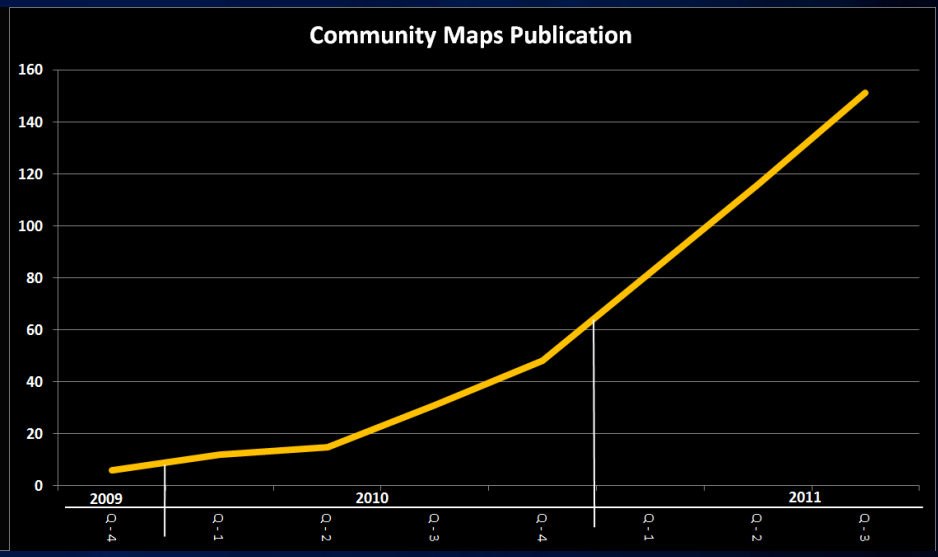
Program success so far

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 PM

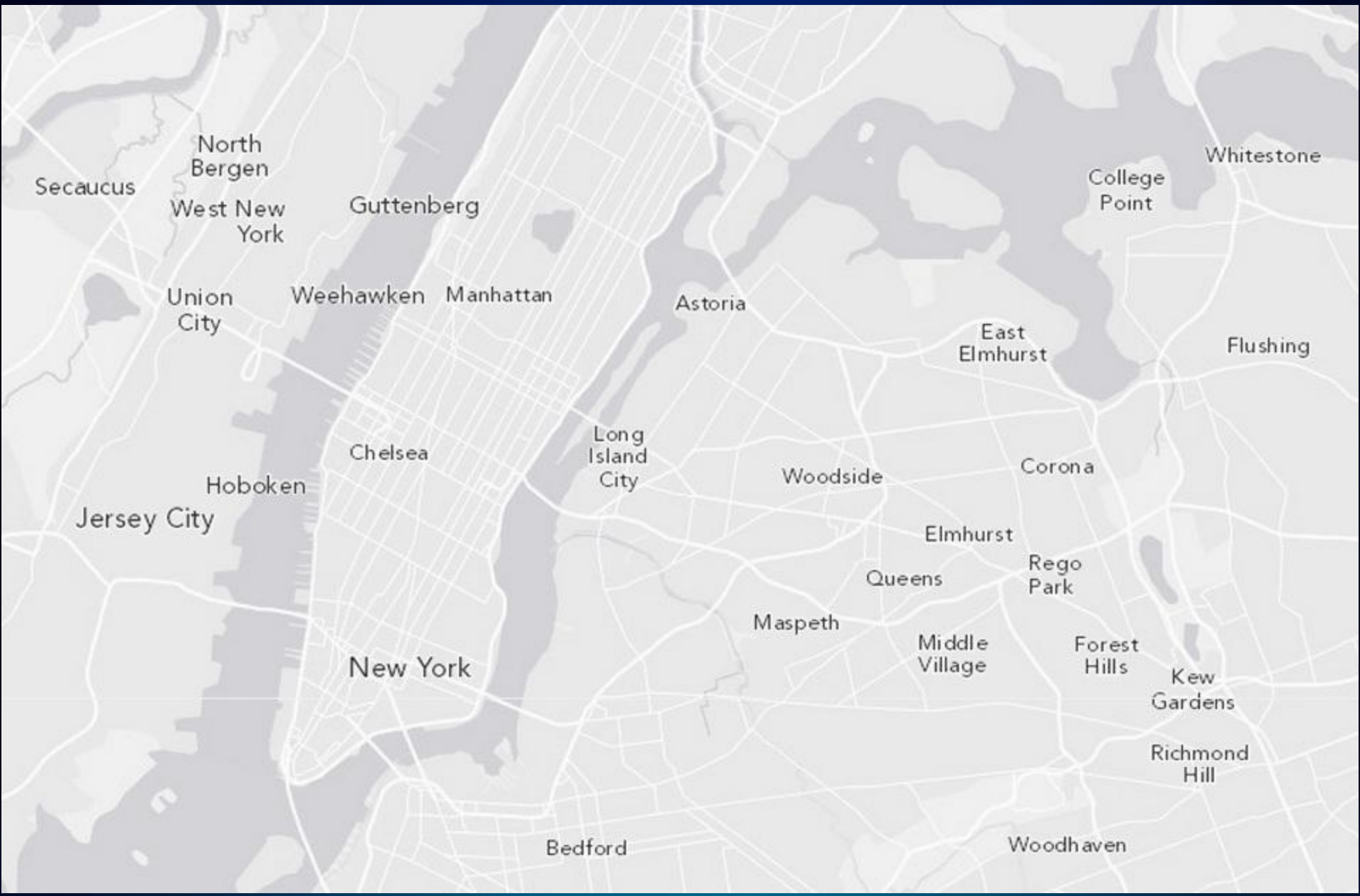
Agenda

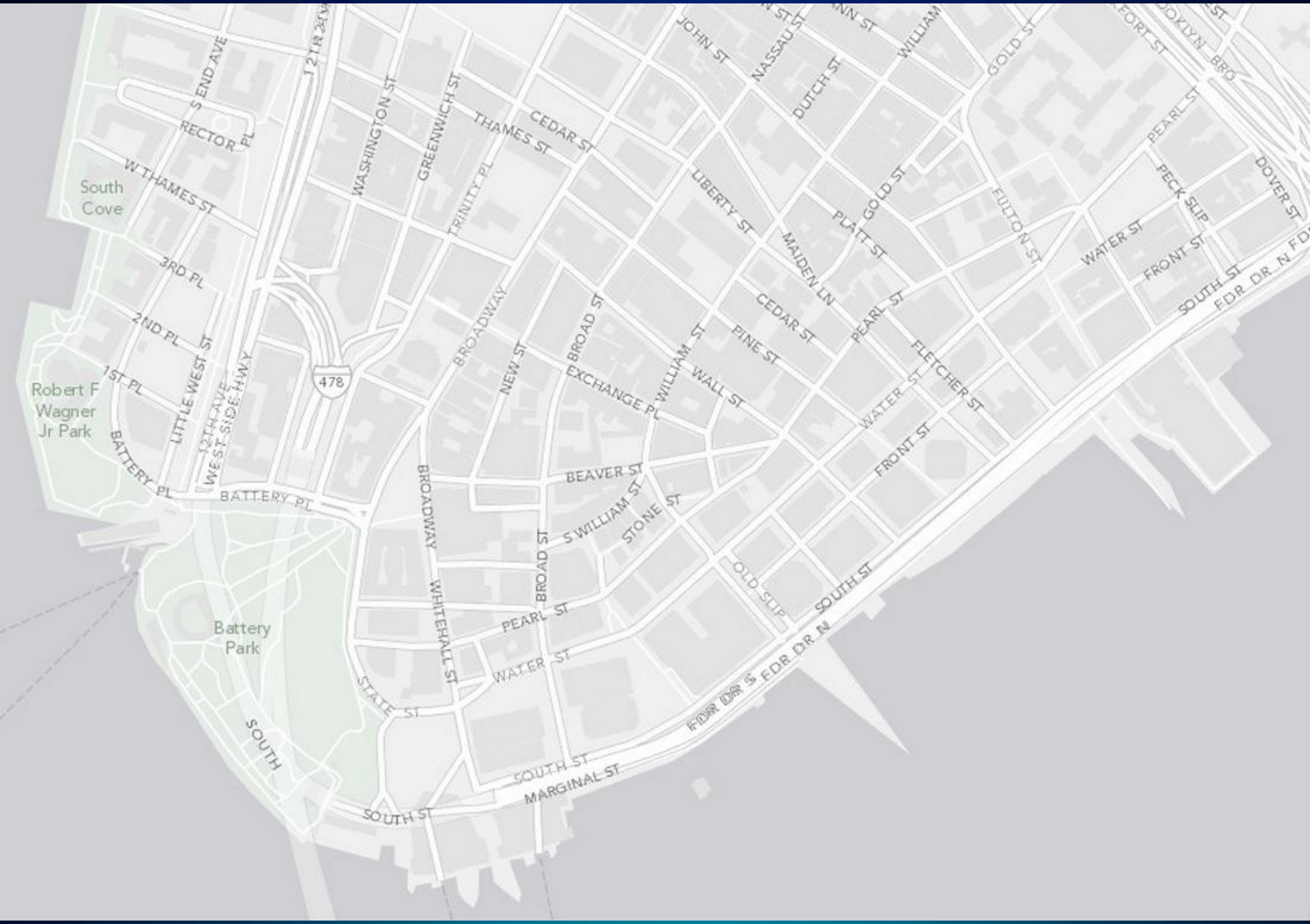
- Program Status
- New and Changing Maps

New and Changing Maps

- New Light-Gray “Canvas” Map

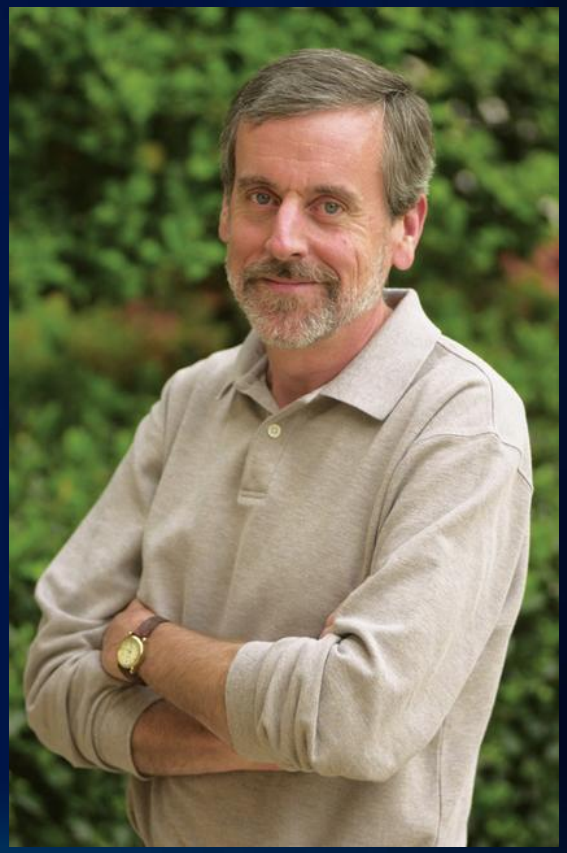
Ottawa
Toronto
Chicago
New York
UNITED STATES
Washington
Los Angeles
Houston
Gulf of Mexico
Nassau
MEXICO
Havana
Guadalajara
México City
Ecatepec
Belmopan
Kingston
Port-au-Prince
Santo Domingo
Guatemala
Caribbean Sea
San Salvador
Tegucigalpa
Managua
Caracas


North Bergen
Secaucus
West New York
Guttenberg
Union City
Weehawken
Manhattan
Astoria
College Point
Whitestone
East Elmhurst
Flushing
Chelsea
Long Island City
Hoboken
Jersey City
Woodside
Corona
Elmhurst
Queens
Rego Park
Maspeth
Middle Village
Forest Hills
Kew Gardens
New York
Richmond Hill
Bedford
Woodhaven


South Cove
Robert F Wagner Jr Park
Battery Park
S END AVE
RECTOR PL
W THAMES ST
3RD PL
2ND PL
1ST PL
LITTLE WEST ST
12TH AVE
WEST SIDE HWY
BATTERY PL
478
WASHINGTON ST
GREENWICH ST
THAMES ST
CEDAR ST
TRINITY PL
BROADWAY
JOHN ST
NASSAU ST
DUTCH ST
LIBERTY ST
MAIDEN LN
PLATT ST
GOLD ST
FULTON ST
PEARL ST
PECK SLIP
DOVER ST
WATER ST
FRONT ST
SOUTH ST
FDR DR N
NEW ST
BROAD ST
EXCHANGE PL
WILLIAM ST
WALL ST
PINE ST
FLETCHER ST
BEAVER ST
S WILLIAM ST
STONE ST
OLD SLIP
WHITEHALL ST
STATE ST
SOUTH
MARGINAL ST
FDR DR S

New and Changing Maps

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



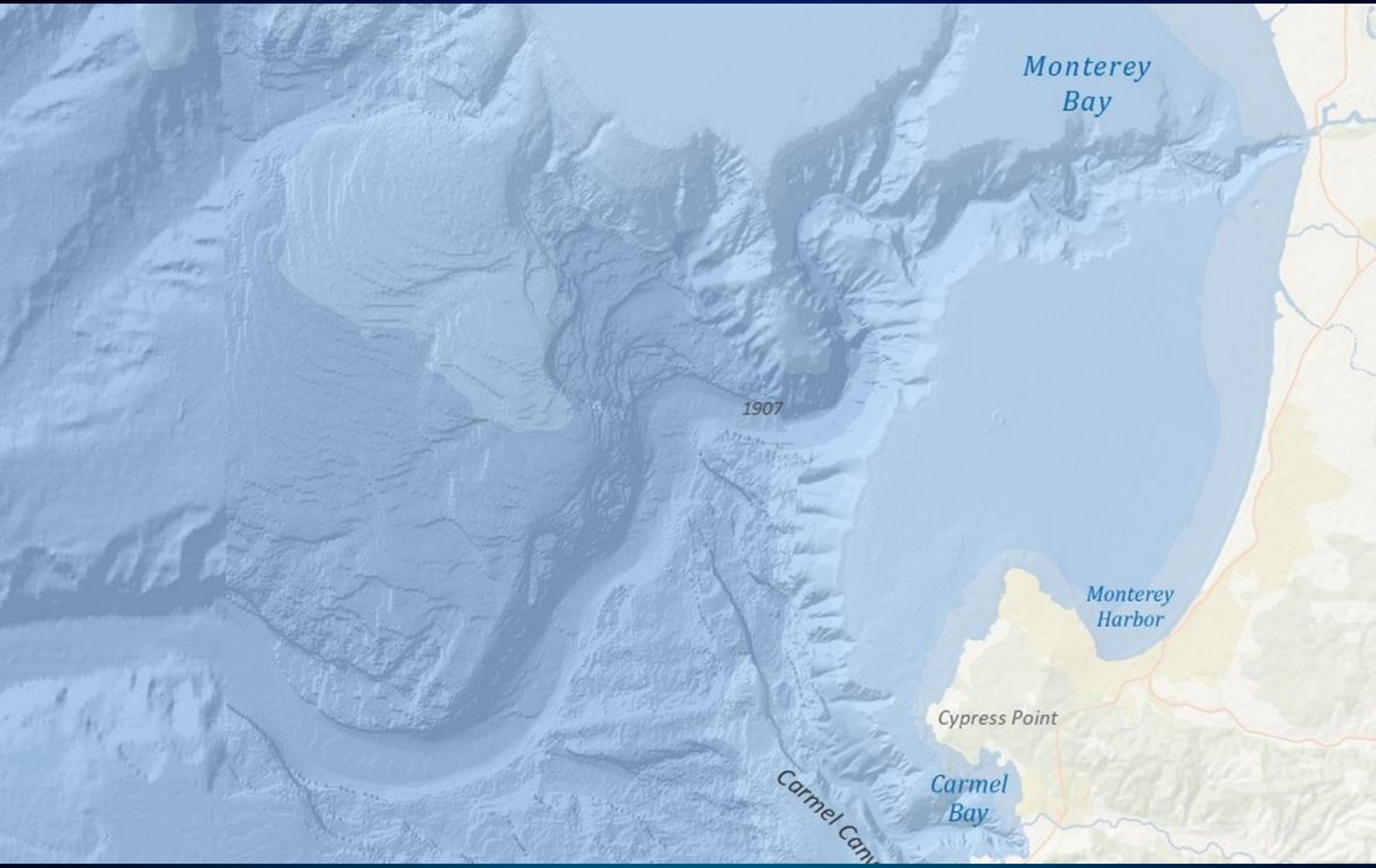
Shenyang
Sapporo
Anshan
Beijing
Tangshan
NORTH KOREA
Sea of Japan (East Sea)
Shijiazhuang
Tianjin
Dalian
P'yongyang
Taiyuan
Seoul
JAPAN
Jinan
Qingdao
Taejon
SOUTH KOREA
Tokyo
Zibo
Lanzhou
Yellow Sea
Taegu
Osaka
Nagoya
Busan
Zhengzhou
Hiroshima
Xi'an
Fukuoka
CHINA
Nanjing
Suzhou
Chengdu
Wuhan
Hefei
Wuxi
Shanghai
Chongqing
Nanchang
Hangzhou
East China Sea
Changsha
Wenzhou
Guiyang
Fuzhou
Kunming
Taipei
TAIWAN
Guangzhou
Shantou
Taichung
TROPIC OF CANCER
Chittagong
Nanning
Hong Kong
Kaohsiung
MYANMAR (BURMA)
Hanoi
LAOS
Haiphong
Nay Pyi Taw
NORTHERN MARIANA ISLANDS
UNITED STATES
South China Sea
Yangon (Rangoon)
THAILAND
Bangkok
Manila
GUAM
UNITED STATES
CAMB.
Phnom Penh
VIETNAM
Philippine Sea
PHILIPPINES
Andaman Sea
Ho Chi Minh City
Cebu
PALAU
BRUNEI
Medan
Kuala Lumpur
Celebes Sea
MALAYSIA
Singapore
SING.
EQUATOR
Samarinda
Palembang
Mamuju
Jakarta
Java Sea
INDONESIA
PAPUA NEW GUINEA
Surabaya
Bandung
Dili

FAROE ISLANDS
DENMARK
SWEDEN
FINLAND
NORWAY
Oslo
Helsinki
St. Petersburg
Stockholm
ESTONIA
Riga
LATVIA
North Sea
Baltic Sea
Copenhagen
DENMARK
LITHUANIA
Vilnius
Moscow
Nizhniy Novgorod
UNITED KINGDOM
Dublin (Baile Átha Cliath)
Leeds
Hamburg
Minsk
BELARUS
Tol'yatti
Samara
IRELAND
Manchester
Amsterdam
Berlin
Warsaw
Birmingham
NETH.
GERMANY
Saratov
London
Brussels
Cologne
POLAND
Katowice
BELG.
Frankfurt
Prague
Kiev
LUX.
Mannheim
CZECH REP.
Paris
SLOVK.
UKRAINE
Stuttgart
Vienna
Donetsk
Volgograd
Munich
AUSTRIA
Budapest
MOLD.
Chişinău
SWITZ.
HUNGARY
Rostov na Donu
FRANCE
ROMANIA
SLOV.
Milan
CRO.
Belgrade
Torino
ITALY
Zagreb
BOSN. & HERZG.
Bucharest
SAN MARINO
SERB.
Monaco
Sarajevo
BULGARIA
Black Sea
ANDORA
MONT.
Sofia
Pristina
GEORGIA
Tbilisi
Caspian Sea
Rome
MACED.
Istanbul
Madrid
Barcelona
Naples
ALBAN.
ARM.
Baku
AZERBAIJAN
PORTUGAL
SPAIN
Bursa
Ankara
Yerevan
Lisbon
GREECE
Izmir
TURKEY
Mediterranean Sea
Athens
Algiers
Tunis
Aleppo
Mosul
MALTA
CYPRUS
Beirut
SYRIA
Tehran
Rabat
TUNISIA

New and Changing Maps

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

Hudson Bay
Labrador Basin
Labrador Sea
NORTH ATLANTIC OCEAN
North Sea
EUROPE
Mid-Atlantic Ridge
North American Basin
Mediterranean Sea
Gulf of Mexico
Sargasso Sea
AFRICA
Caribbean Sea
Arabian Sea
SOUTH AMERICA
Peru Basin


Monterey
Bay
1907
Monterey
Harbor
Cypress Point
Carmel
Bay

New and Changing Maps

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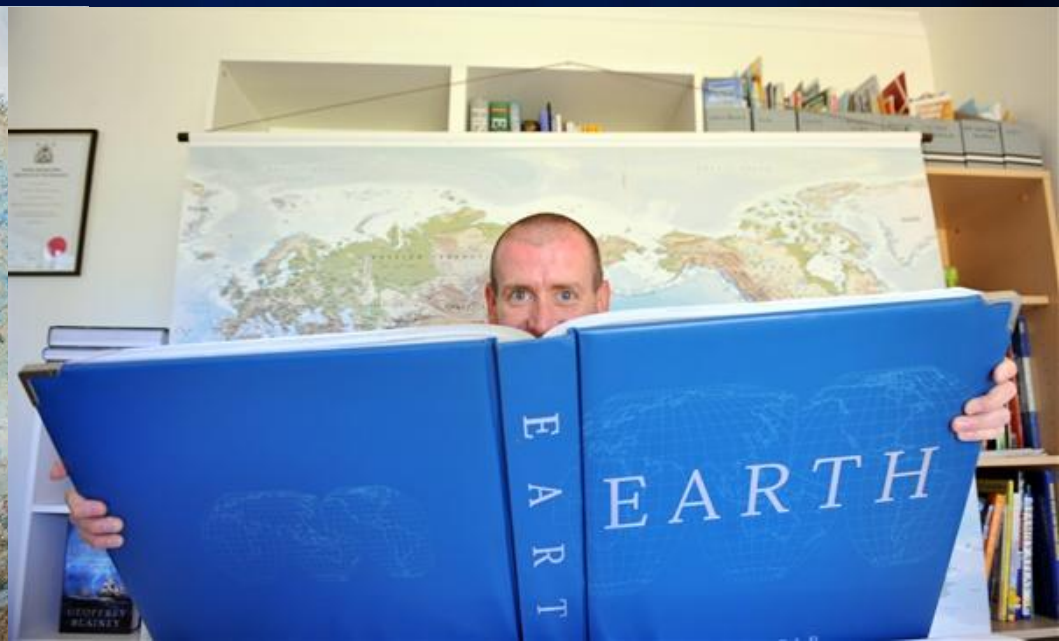
- New National-Geographic Styled Map
- New Oceans Basemap
- **New World Topographic Map Design (provisional)**



Design Objectives

Maintain the 'look and feel' of a traditional topographic map

A functional and simple design that can be implemented by our community of contributors

Compliment Esri's existing suite of basemaps

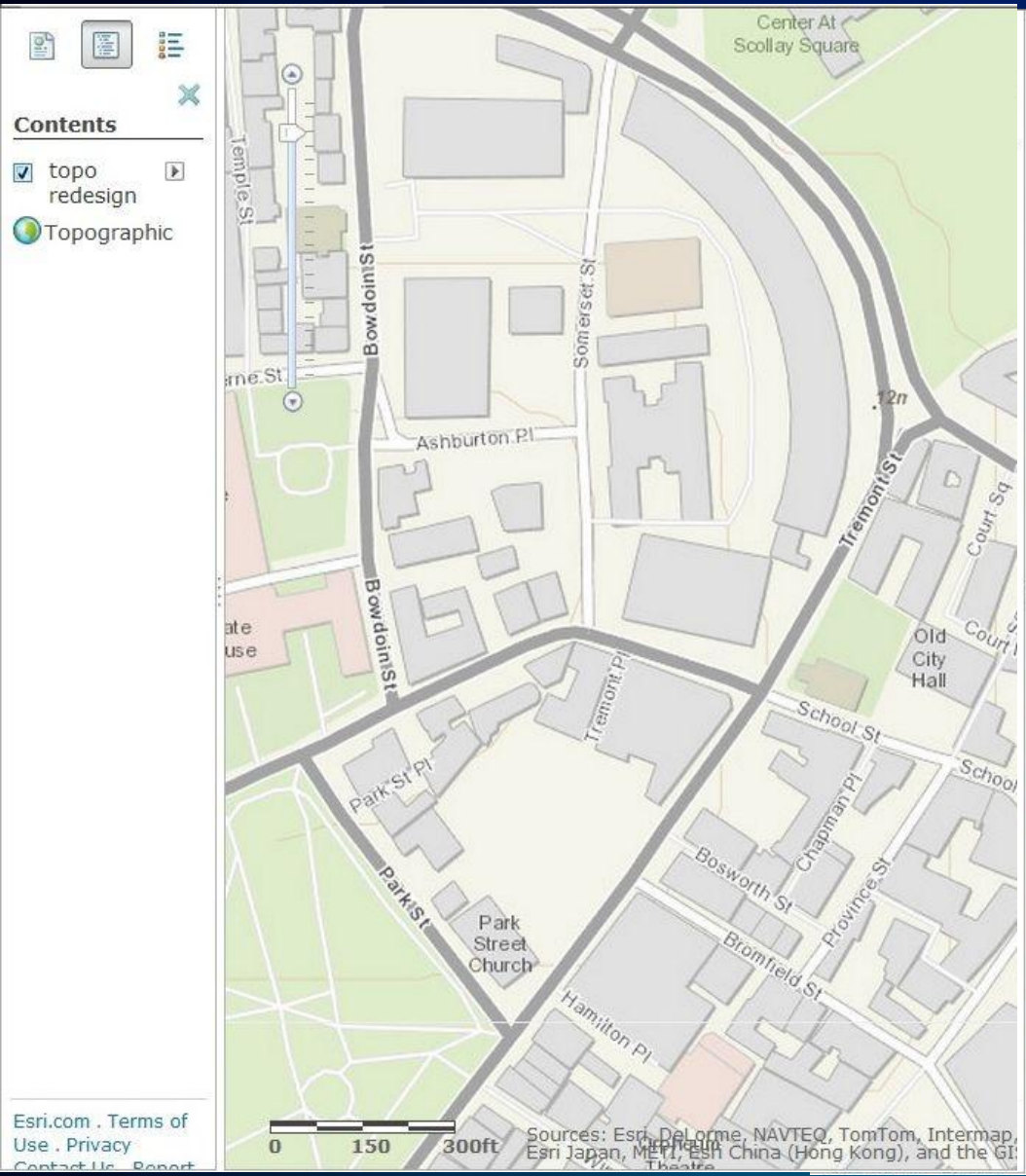
Limit the number of changes as the scale increase

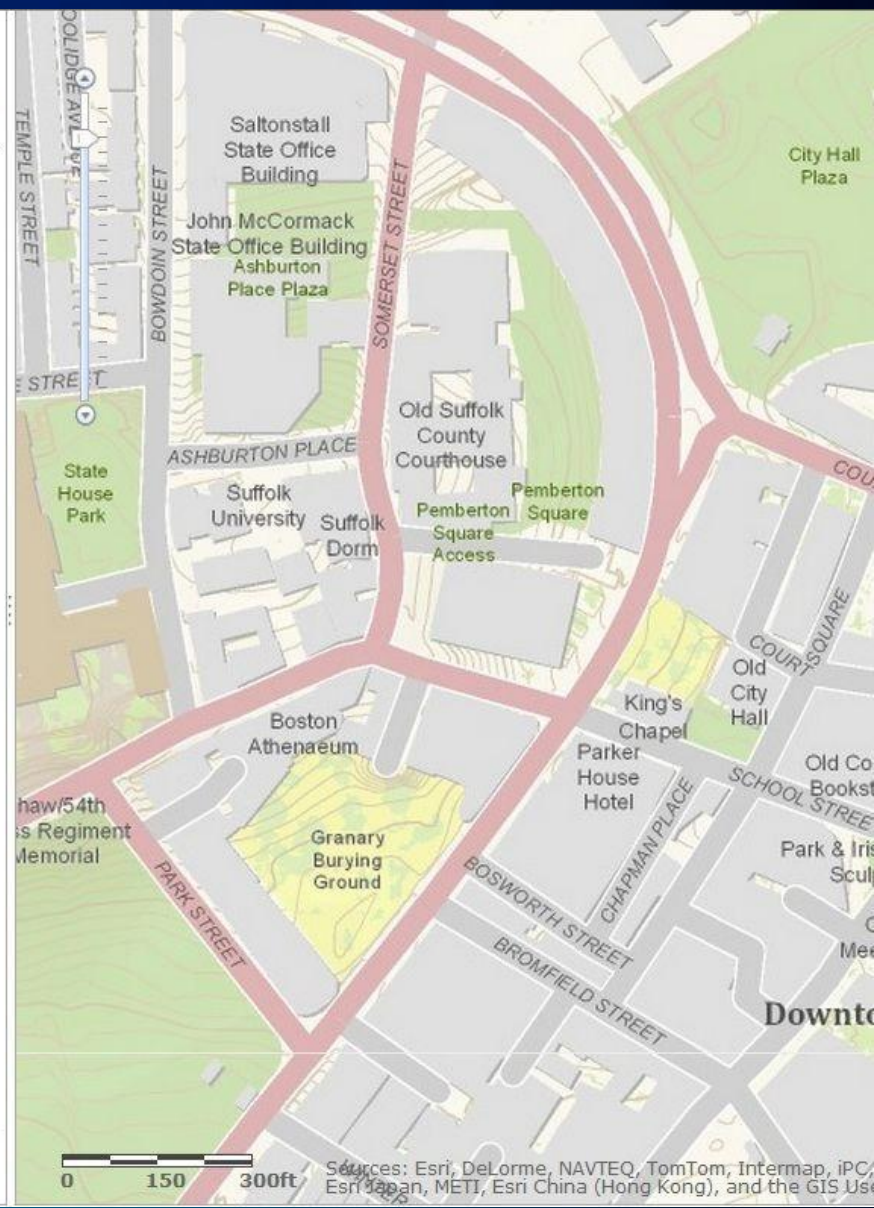
Respect and maintain characteristics of the current design

Bottom line –
the design MUST look great!

New

Old

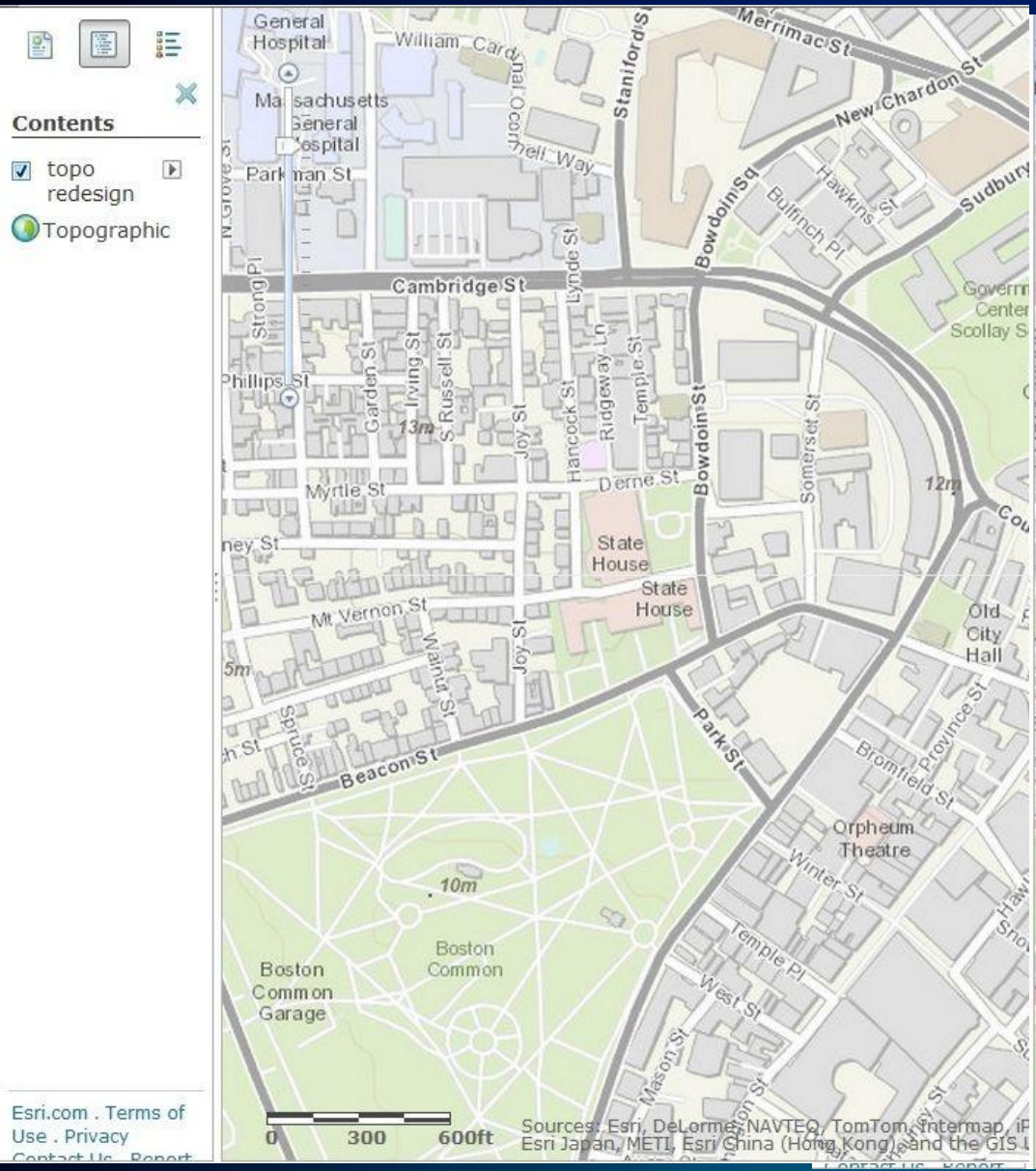


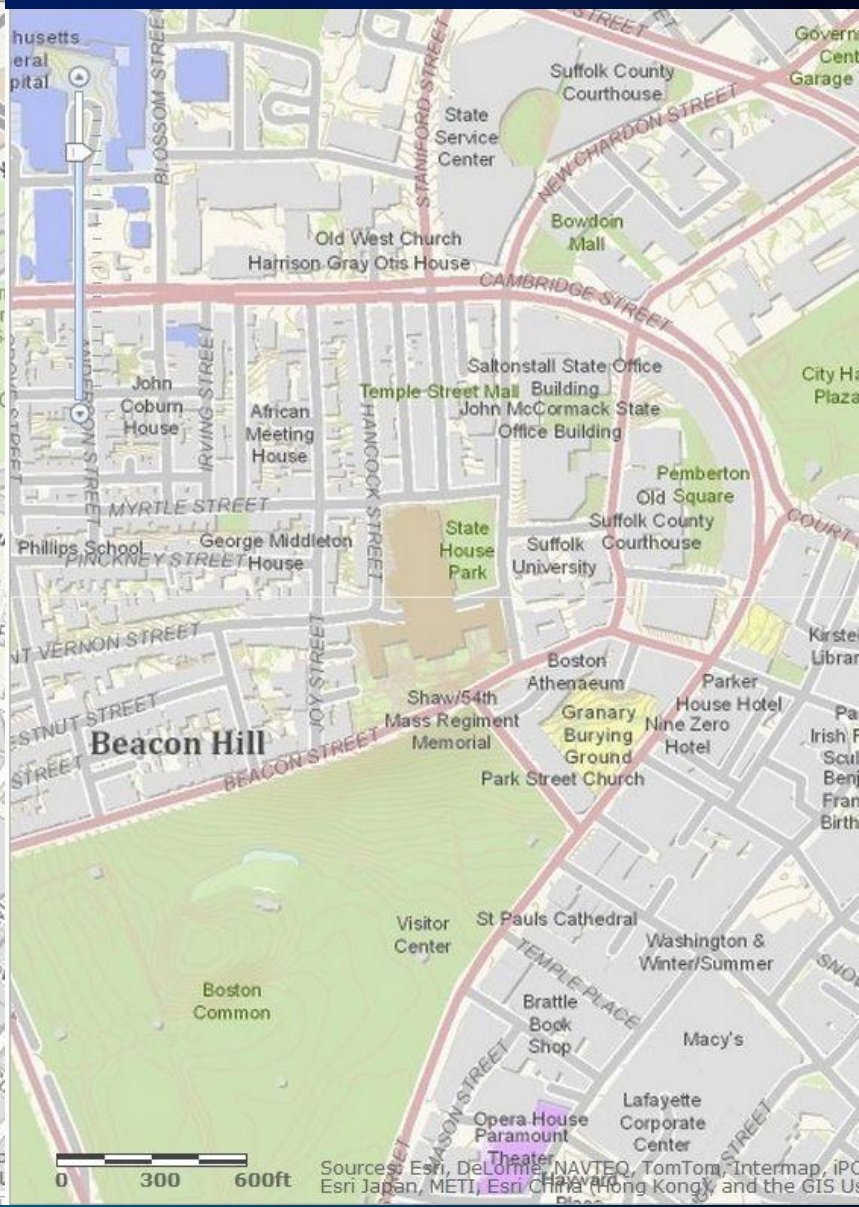


Boston: 1:4OOO

New

Old





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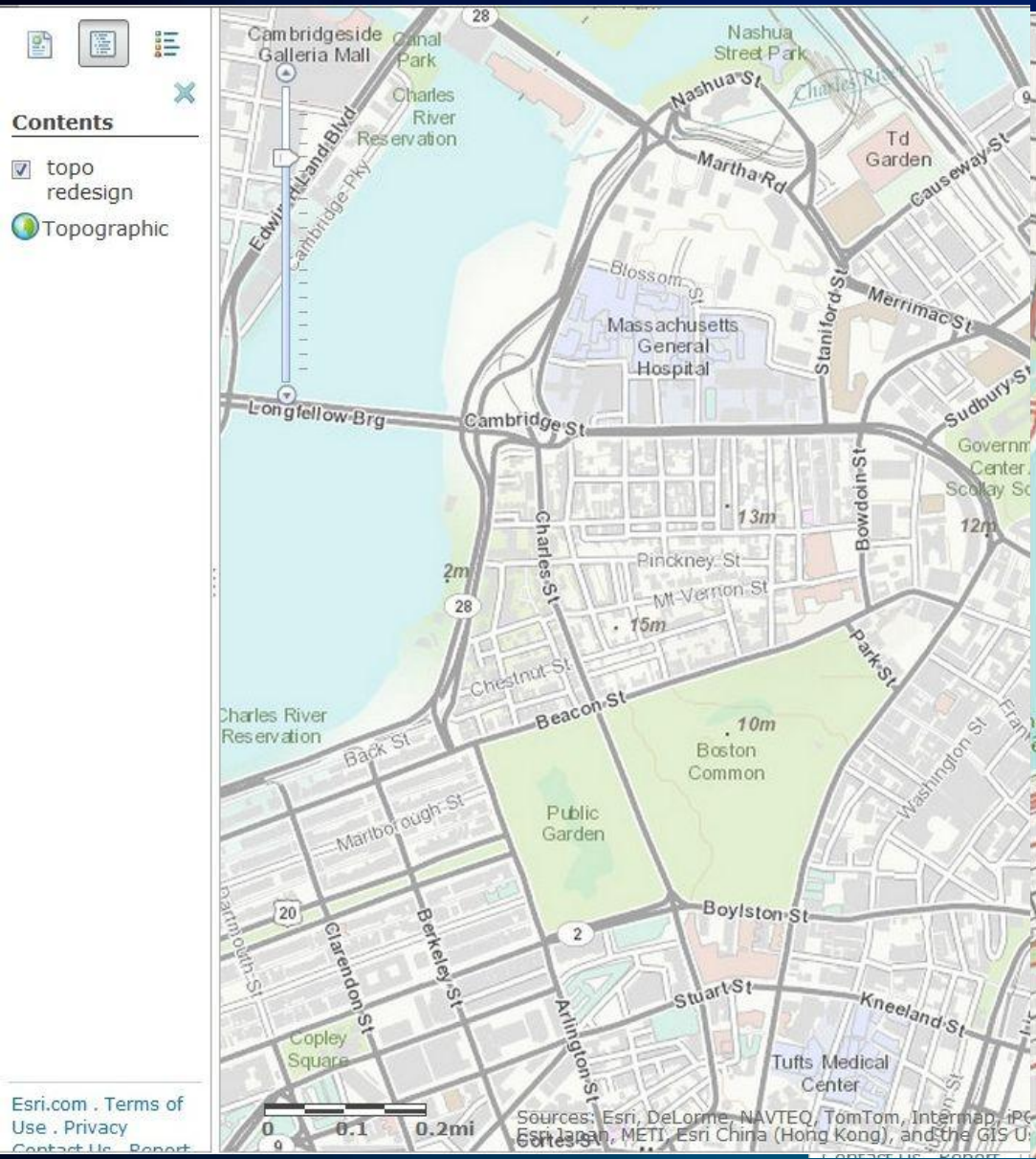
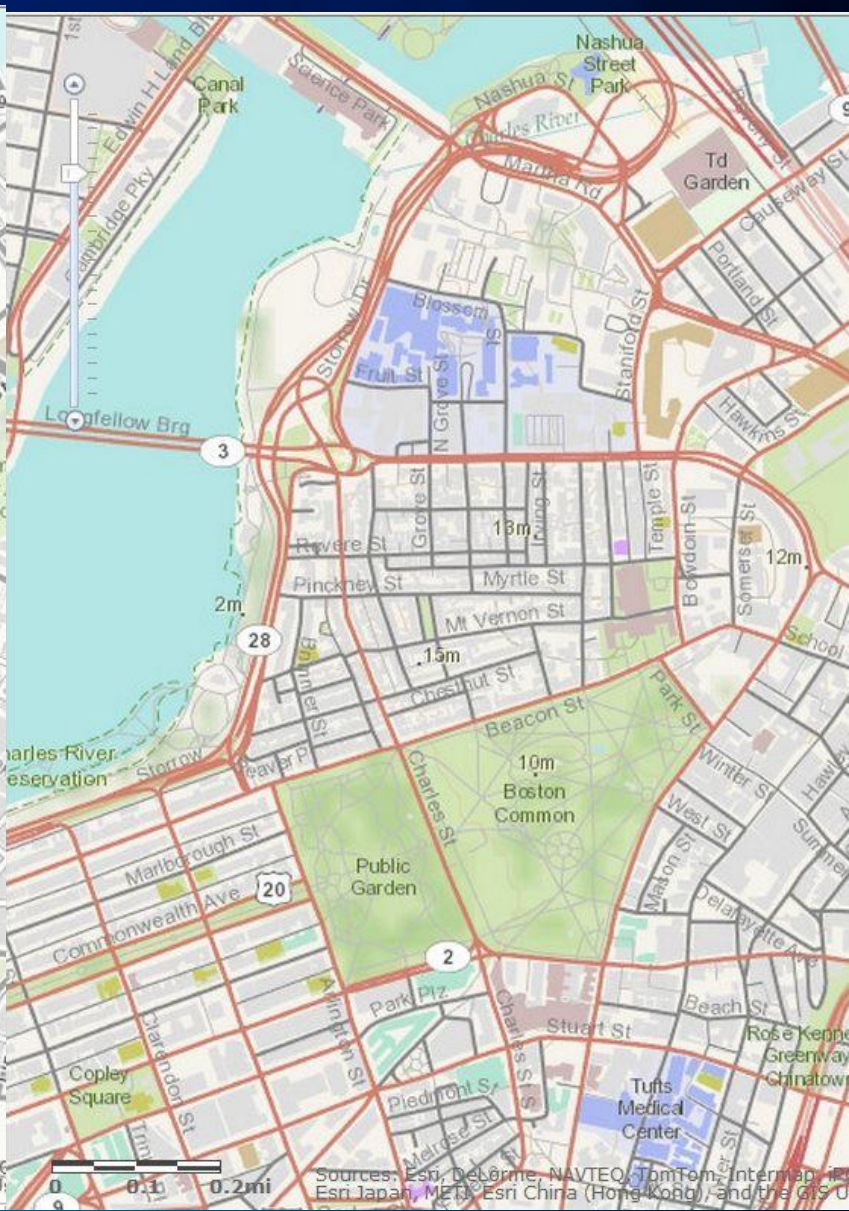
New

Old





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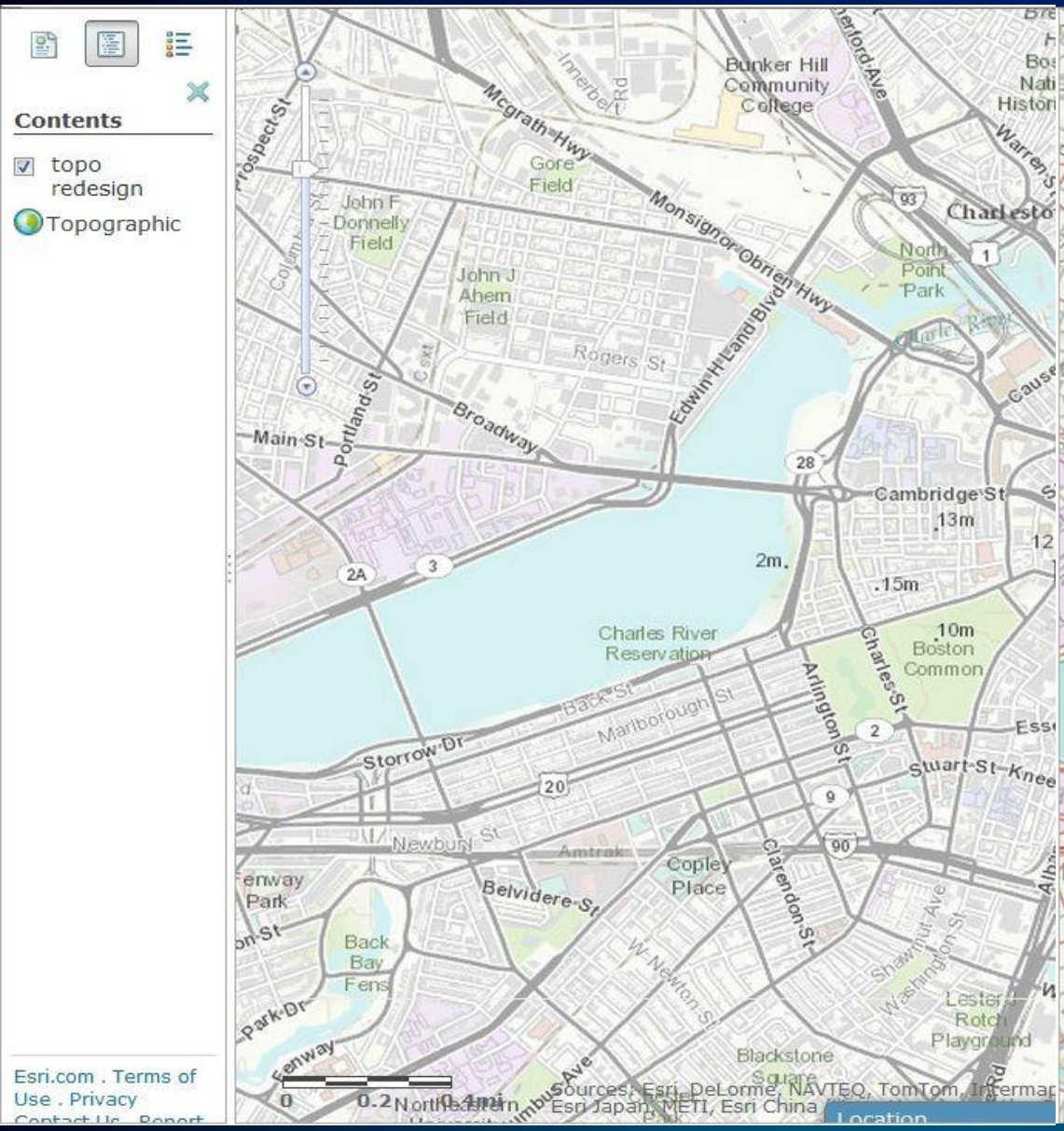
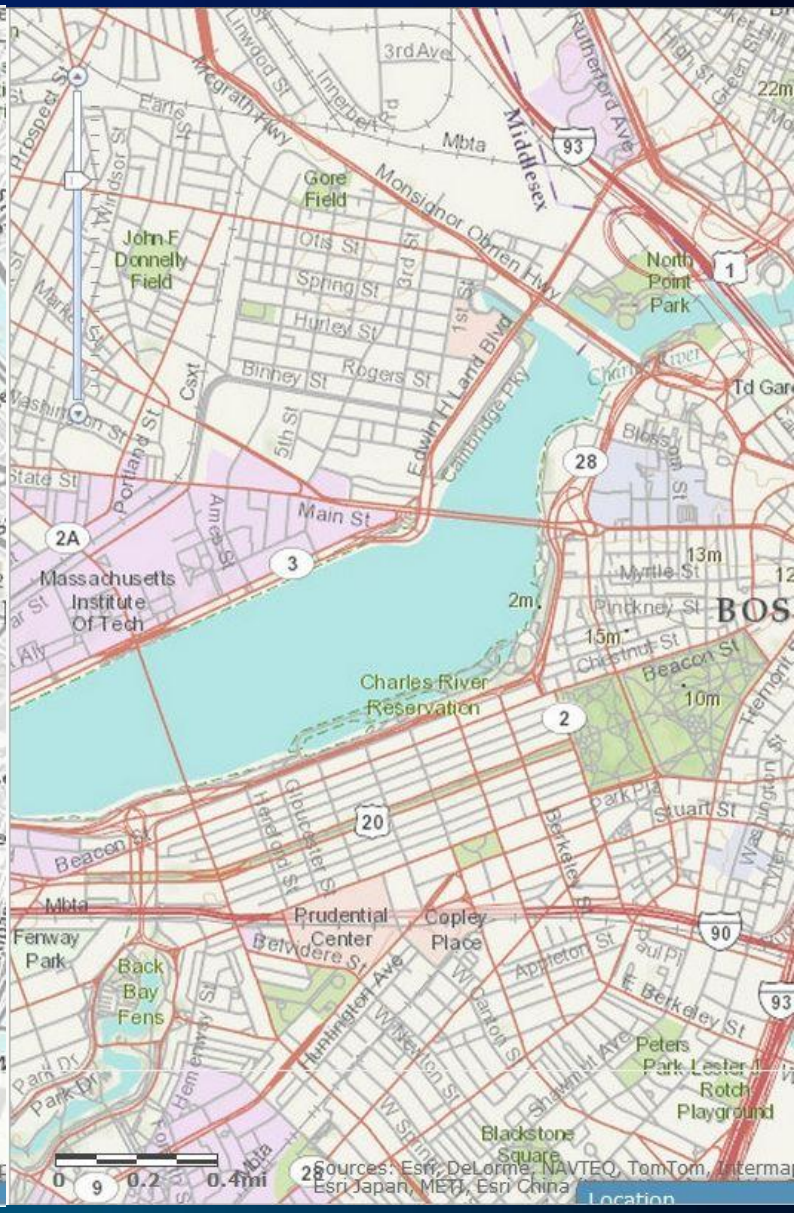
New

Old





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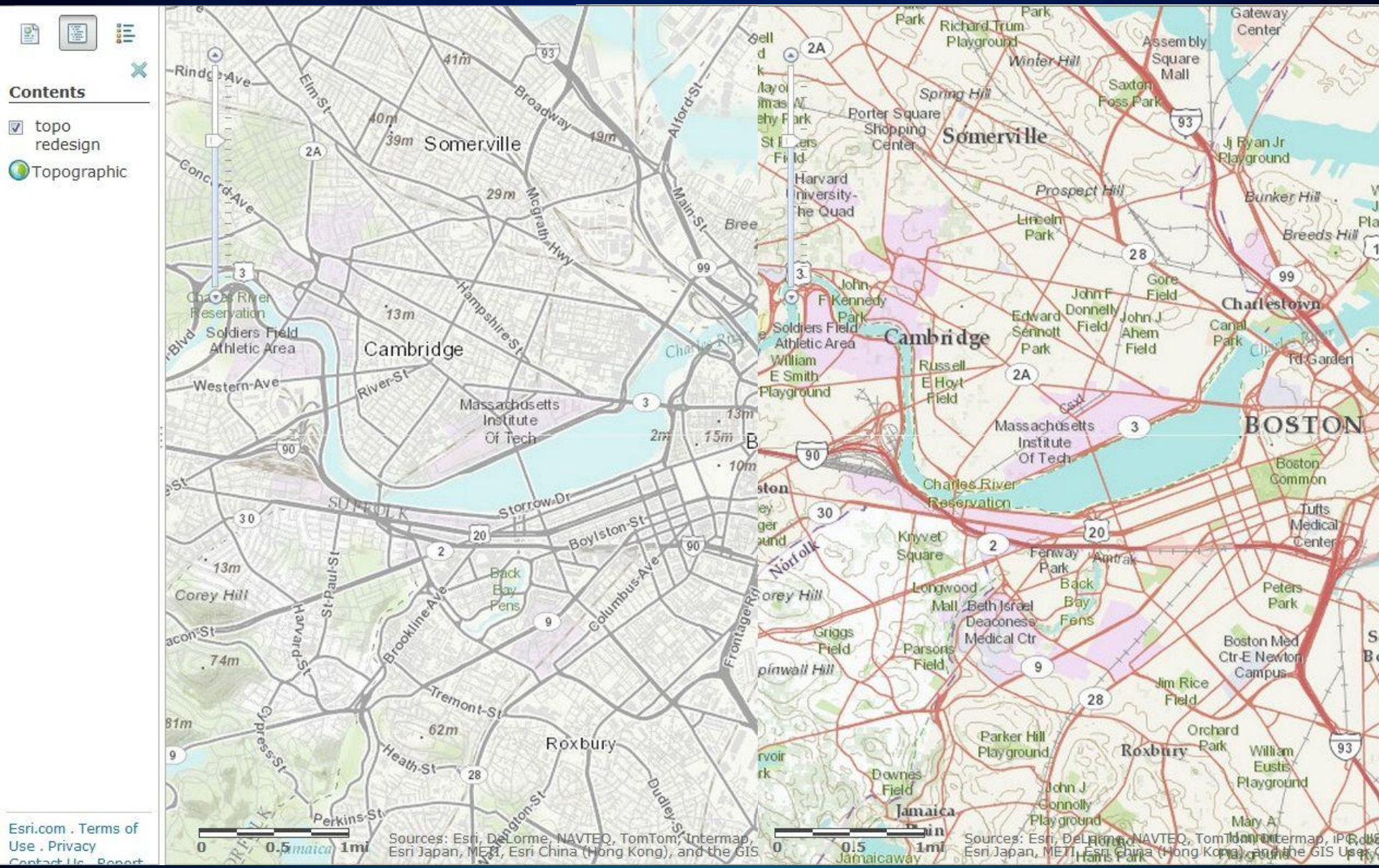
New

Old



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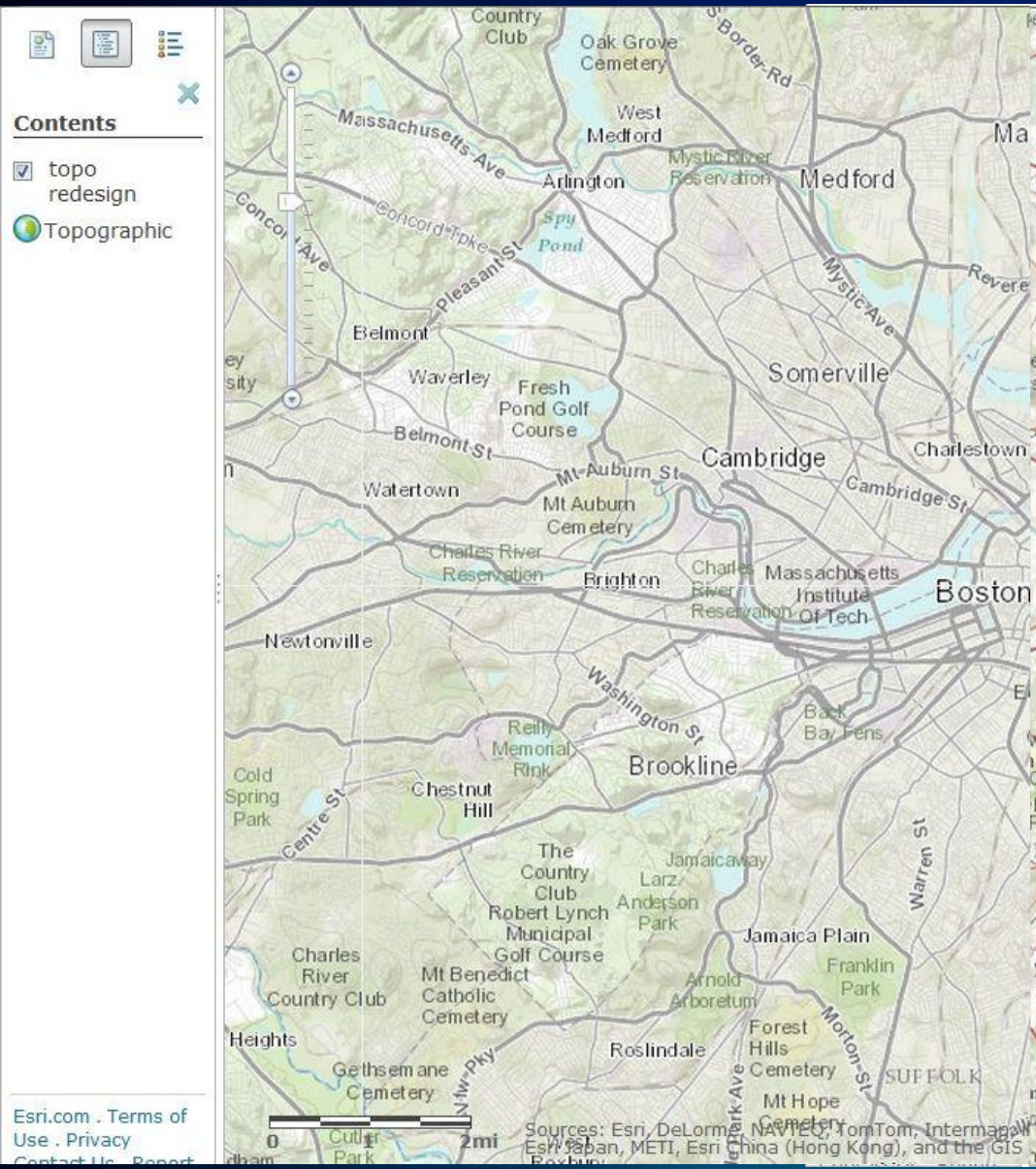
New

Old



Boston: 1:144,OOO

Imagery Basemap

- **Community Maps also includes the imagery basemap, to which users can contribute**

Agenda

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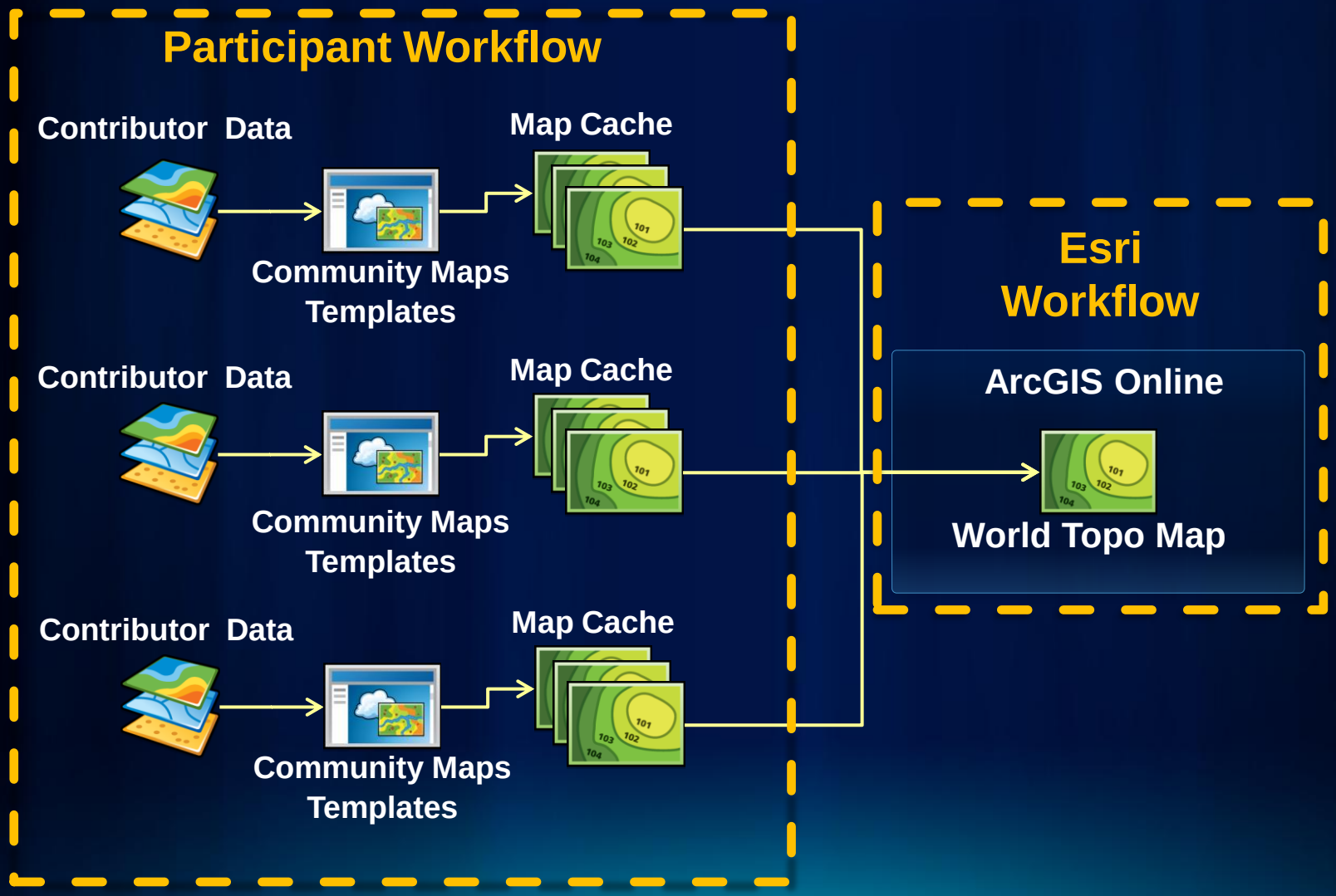
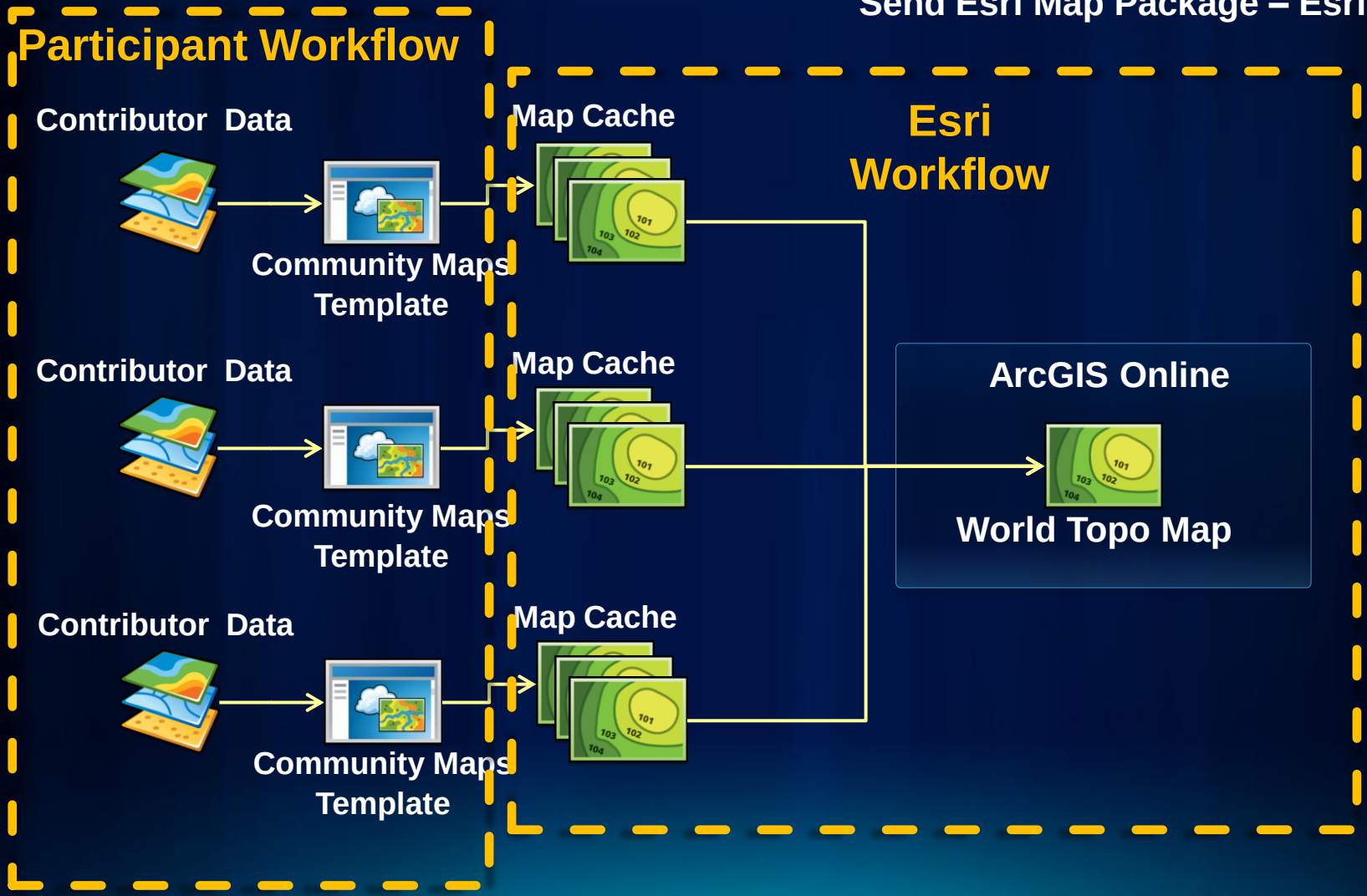
Original Process

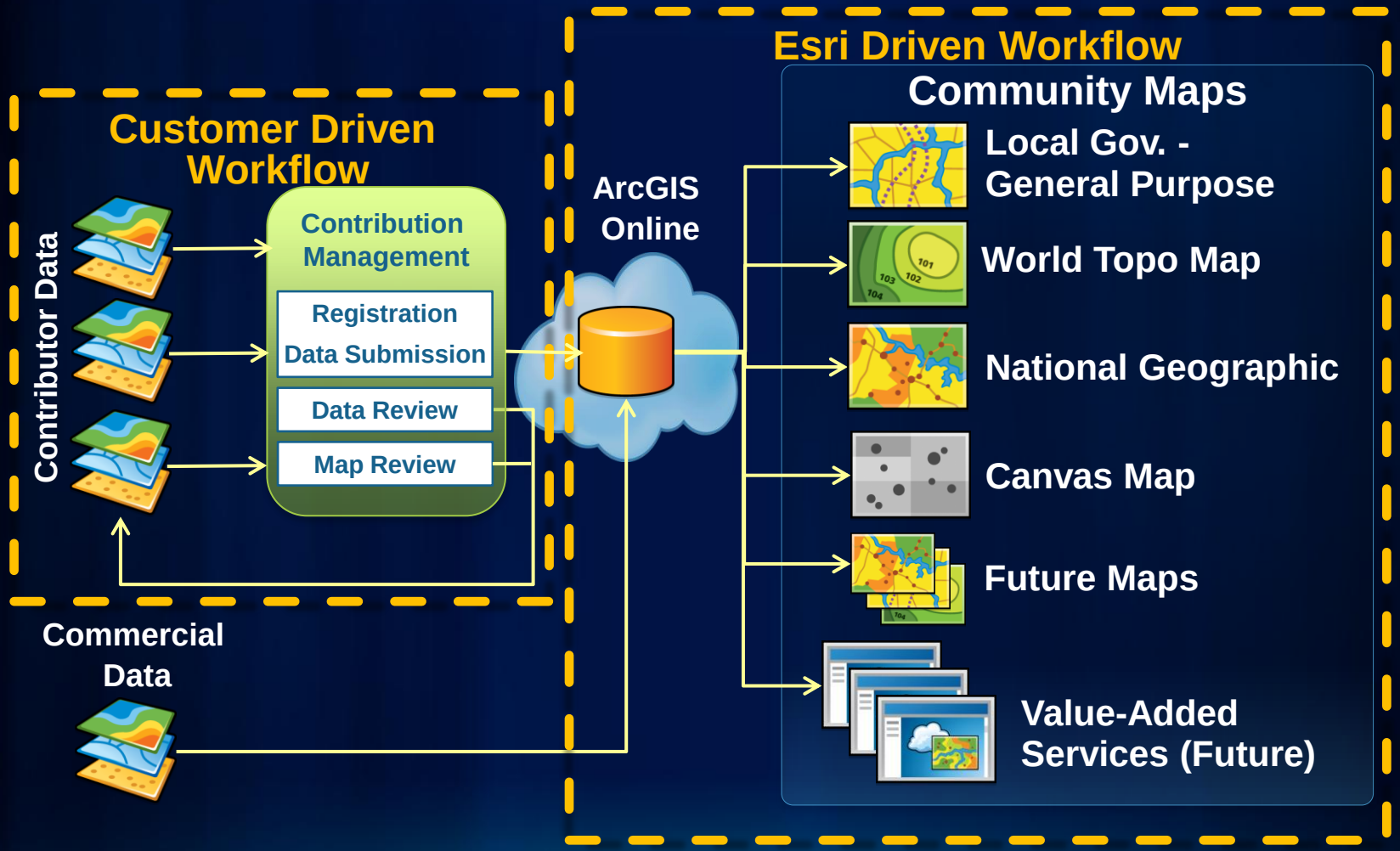


Workflow Update, December 2011

Send Esri Map Package – Esri Caches!



Coming soon: A Vector-Based Approach: "C.M. 2.0"



Built on Local Government Data Model

Community Maps – The Next Generation

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**
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

SCAUG Community Map Participants:

Join your neighbors!

resources.arcgis.com

Click on “Community Maps”

More info in the CM Blog, March 20th post

Questions: Don Cooke dcooke@esri.com

Thanks for attending!

esri