Building Community through Online Mapping

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District of Columbia
Community Mapping
Community Organizations
Çatalhöyük, 7500 BCE
London, England, 1854
DC ADAP Pharmacy Directory

Printer friendly list below

[Legend]

View Larger Map

DC ADAP Pharmacies
As of April 1, 2015
Printable list of DC ADAP Pharmacies [PDF]

AIDS Healthcare Foundation

Blair Underwood Healthcare Center
2141 K Street NW, Suite 606 – RX
Washington, DC 20037
Phone: 202/293-8895
Fax: 202/293-8899

Hours of Operation:
Monday – Friday 8:30 AM – 5:30 PM
Same day and 10 AM – 4 PM
DC Cooling Centers for 2015

DC Cooling Centers
- Public Housing Cooling Centers for Senior Citizen
- Department of Human Services Emergency Homeless Cooling Facility
- General Weekday Cooling Center

Spyar Parks

Pools
- Outdoor Pool
- Indoor Pool
- Walk To Learn Pool
Is Tree Planting Scheduled for that Open Tree Space?

DDOT's Urban Forestry Administration has a goal of planting every available street tree space. This mapping application was constructed to visualize our progress toward this goal.

A healthy, thriving street tree in every available space - that is the goal of DDOT's Urban Forestry Administration (UFA). This mapping application allows users to visually compare the progress UFA has made toward this goal. Available street tree spaces are depicted as gray circles and tree planting work orders are shown as different colored circles, with each color representing a different species. The circular spyglass viewer can be panned across the map, revealing existing tree spaces.
Social Cartography

“Generating a ‘bigger picture’ understanding of how an issue impacts an entire community can help strengthen relationships between residents affected by the issue.”

- Moore and Garzón, 2010
London, England, 1854
Social Cartography

Collaborative Mapping

Community Mapping
Collaborative Mapping

Collaborative Mapping in the District of Columbia
Collaborative Mapping

- Teach a community to map...
Collaborative Mapping

Community Organizations

- Presentations and community outreach to local organizations
  - Anacostia Watershed Society: National Capital Region (NCR) Watershed Steward Academy
  - Local Universities and Community Colleges

- Training for local organizations

- Tools, Templates, and Support
Collaborative Mapping

• How do we include citizens/residents in decision-making?

• Can we build our sense of community through maps?
  - If so, how?

• Is the conversation two-way?
Collaborative Mapping

• Online tools facilitate collaborative mapping

• Users collaborate online and in person to create and improve the mapping experience

• Collaboration can be asynchronous
were visited by PSM Staff regarding the Pet Waste Cleanup Project, where pet waste bags were also distributed.

The buildings layer is editable for only these fields:

- **propmngnr** - you can enter the property manager name here
- **modifiedby** - enter editor name
- **modifieddt** - date edited
- **modifynote** - this has a drop-down for 'PMInquiry', when you select it, the bldg. will turn orange outline signaling this building has a PM Inquiry
- **PM_MeetYN** - change to 'Y' when you have met with PM
- **PM_MeetDT** - date you met with PM
- **PM_MeetFY** - fiscal year you met with PM
- **PM_MeetPSMStaff** - staff member names who met with PM
- **PWCP** - Pet Waste Cleanup Program
- **PM_MeetFirst** - date you met with PSM
- **PM_MeetNext** - date you will meet with PSM

*Note: The table above is a representation of the editable fields in the buildings layer.*
Welcome to the Vision Zero Safety Map:

Click or tap on a location to report a transportation hazard. Zoom or pan to the hazardous location, click there, and use the menu to describe the problem in further detail.

If you find the location has already been submitted, you can click or tap on the existing point and provide additional comments to highlight your unique concern.

Please identify any and all locations at which you have noticed hazardous conditions or behavior.
Collaborative Mapping Revisited

• How do we include citizens/residents in decision-making?

• Can we build our sense of community through maps?
  - If so, how?

• Is the conversation two-way?
Collaborative Mapping
Using the City as a Classroom
Teachers and Geography Students (TAGS) DC
Teachers and Geography Students (TAGS) DC

ArcGIS Homeless Enrollment

Legend

# of homeless kids
- 59 - 92
- 46 - 59
- 37 - 46
- 29 - 37
- 22 - 29
- 14 - 22
- 10 - 14
Teachers and Geography Students (TAGS) DC

- District of Columbia Geographic Alliance/National Geographic Society
- District of Columbia Public Schools (DCPS)
- Office of the Chief Technology Officer (OCTO)
- Volunteers/Mentors
- Community Partners
Collaborate! Listen!

- We include citizens and residents in decision-making through web mapping tools like ArcGIS Online, OSM, etc.

- Residents and government build our community together in person and online.

- The conversation is two-, three-, way(?)
Future Plans and Goals

• Continue to extend data sharing and data development opportunities internally and externally

• Develop new and updating existing services for the public

• Implement and integrate ArcGIS Online in DCPS classrooms
Future Plans and Goals

• Continue to extend data sharing and data development opportunities internally and externally

• Develop new and updating existing services for the public

• Implement and integrate ArcGIS Online in DCPS classrooms
Teach a community to map and you provide them with knowledge for a lifetime.

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