

Master Building/Address Subcommittee

Robert Spotts

DRCOG

1/11/11

Goals

- Create a simple, core, extensible data set
- Rooftop accuracy- one point per building
- Include landmark addresses (parks, etc.)
- URISA Draft Address Standard
- Cost-savings for partners
- Accurate tax base

Address Committee Desired Attribution

Address Number

Pre-Direction

Street Name

Street Type

Post-Direction

Subaddress

Full Address Text

Landmark Name

Place

Zip Code

County

Building type (Commercial/residential)

Mailing Address (y/n)

Solar Mapping Project

- DRCOG received a grant to locate rooftop-accurate points onto buildings of firms with 100 employees or more
- Resulted in approximately 2,700 points throughout the DRCOG region.
- Geocoded using Google Maps, resulting in ~80% rooftop accuracy without any intervention.

Pilot Project

- Group discussed plans to develop a pilot project.
- DRCOG provided Commerce City, Westminster, and Centennial with the initial 2,700 points representing firms with 100 employees or more.
- These three jurisdictions attempted to rectify their address database with these points, either spatially or through an attribution join.

Pilot Results

- Successful joins in all cases
 - Different methodologies used depending on unique address databases
- Minimal amounts of manual labor
- Accurate results
- Issues with multi-address buildings, bad spatial data, other unique data issues.

We're merging!

- With the success of the Land Use Modeling project...
 - Expand the pilot project
 - Attempt to join local agency's address databases with master spatial dataset
 - Develop plan for regularly updating datasets