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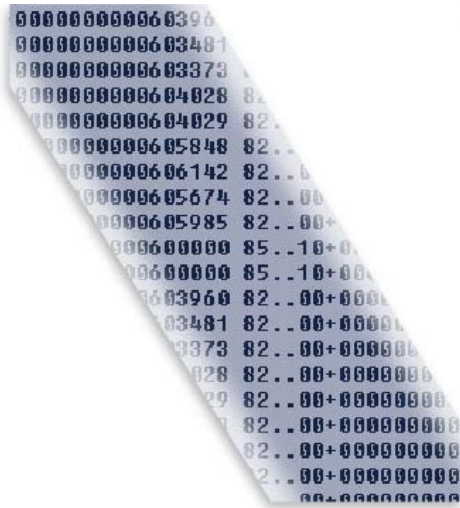
# **Delivering information about place**

**Georg Gartner**  
Doha 2013

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# meaningful information?



Determining place  
Monitoring place  
Connecting place

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**meaningful information!**



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# meaningful information

maps are **perfect interfaces** between  
geoinformation and human users





# meaningful information

maps are **perfect interfaces** but ..



# meaningful information

maps are **perfect interfaces** but ..

they need engineering, design and cognition



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## **creation and use of maps anytime, anywhere**

- real-time
- ubiquitous
- media-adequate
- personalised
- designed

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# Crowd Sourcing

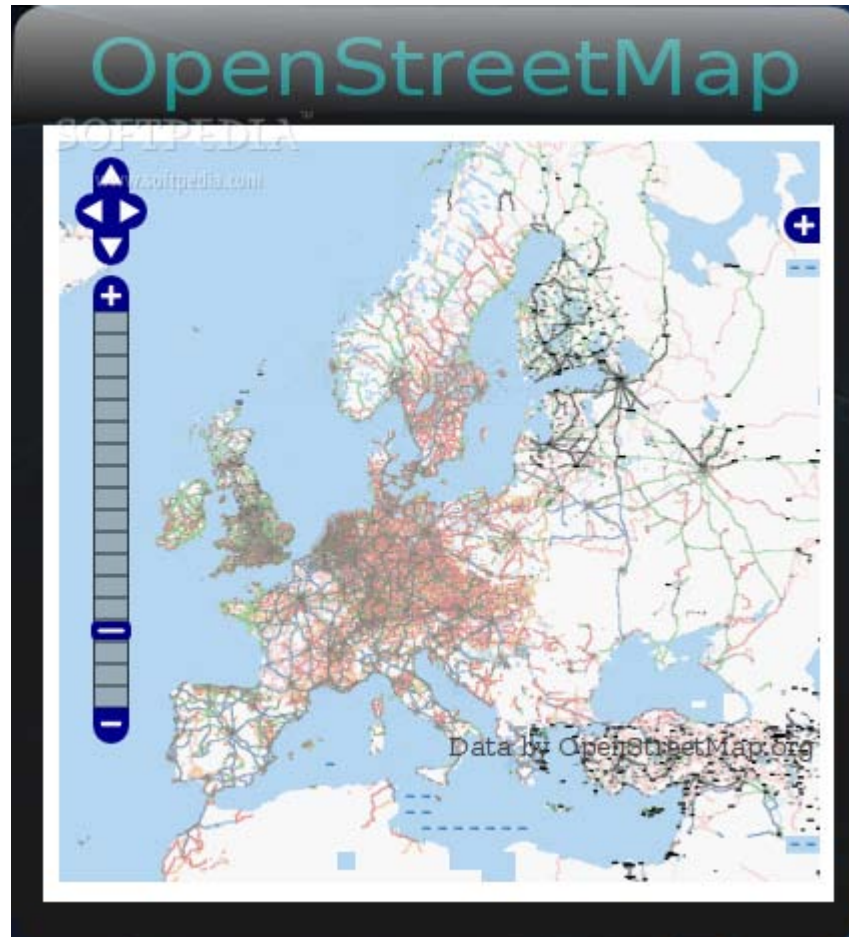




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## Crowd Sourcing



# Grassroot Mapping



**This map was made for under \$200**  
by volunteers using a helium balloon, a digital camera, and a boat.

Know an area that needs to be mapped? Get in touch:  
team@publiclaboratory.org  
(514) 258-0647

**Reimagining the data lifecycle**  
Domenecou, Haggart & Jeffrey, Haggart

**On Site**  
Barbara Haggart

**Wilkinson Bay**

**Wilkinson Bay Louisiana**  
as of 2010 by 31 users  
July 22, 2010

**The Public Laboratory for Open Technology & Science**

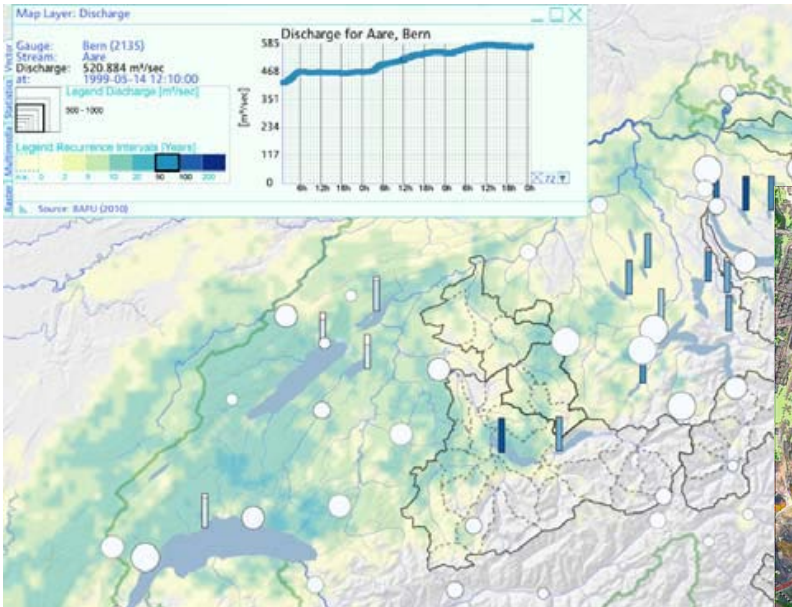
Use the map above to help monitor Wilkinson Bay...

This block contains a collage of text and images. It features a central blue map of Louisiana, several columns of text, and a small inset map of the state. The text includes a headline about a low-cost map, contact information, a sub-headline about reimagining data, and a call to action for monitoring Wilkinson Bay.





# Real-Time Cartography



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# Location Based Services / Mobile Apps



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# 3D Cartography



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# Augmented Reality



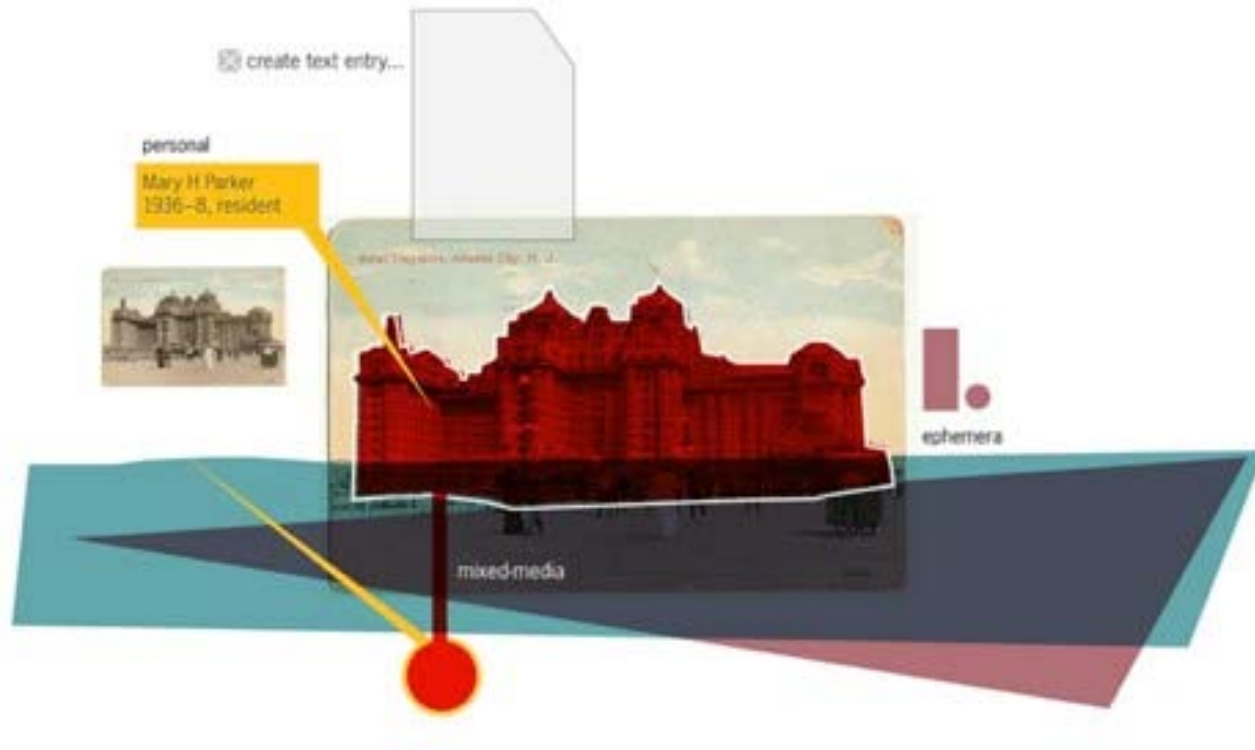
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# Augmented Reality



# Augmented Reality and Social Media

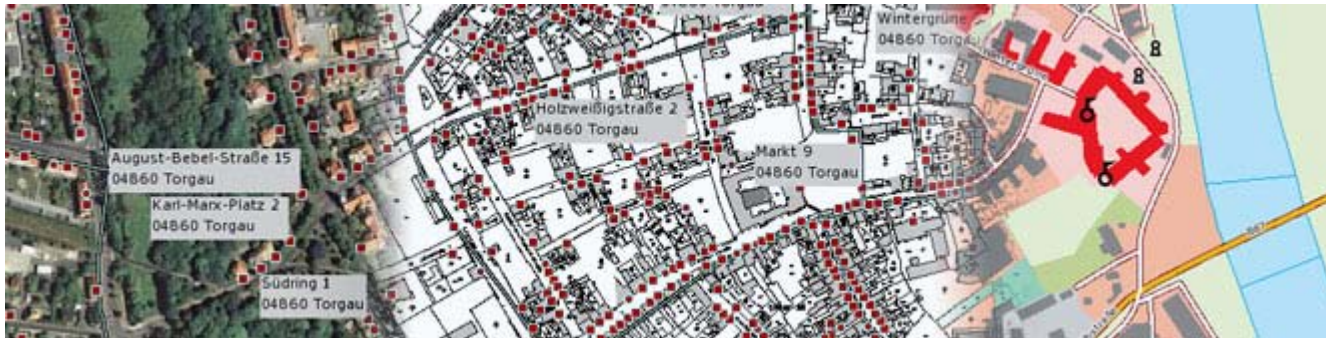




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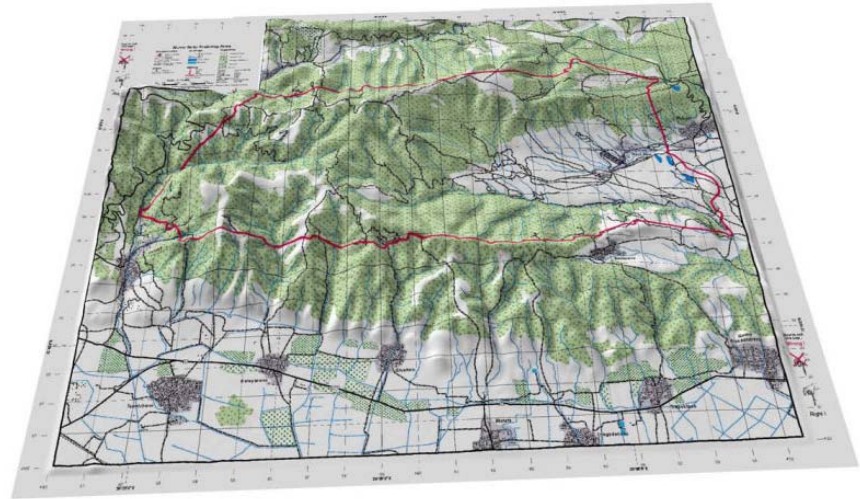
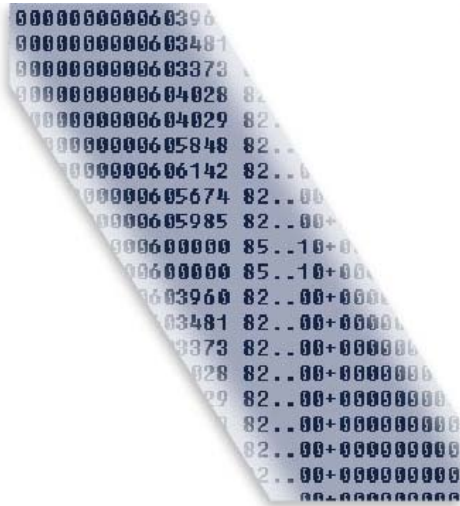
# Geo data infrastructure



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# Implication Visualisation



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# **International Cartographic Association**

## **Instruments: Conferences**

### **International Cartographic Conference**

August 2013, Dresden, Germany

[www.icc2013.org](http://www.icc2013.org)

