Sandra L. Arlinghaus, Adj. Prof. SNRE, Univ. of Michigan.
AKA "Archimedes" in the Google 3D Warehouse

William E. Arlinghaus, President, Greenscape Inc.

CONNECTIONS:

SCHOLARLY MULTI-TASKING IN A MOBILE VIRTUAL WORLD, PART 2

APRIL 22, 2011, 3RD ANNUAL GOOGLEARTH DAY.

Projects in overlapping categories

Geography Projects

Non-traditional Projects

Mathematics Projects

The Perimeter Project

Mathematical Geography Projects

Geography Projects, Samples

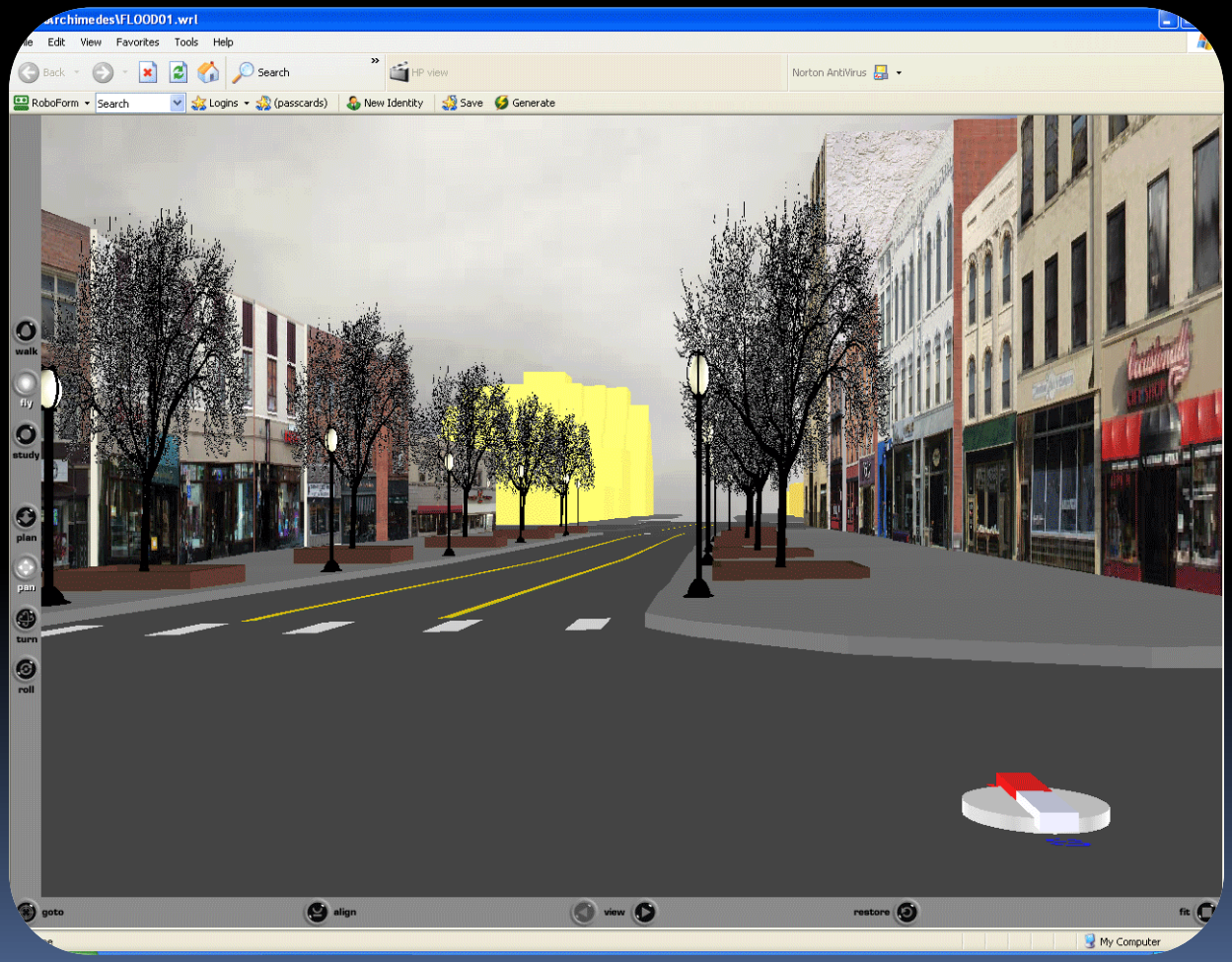
Diverse projects, summary on poster

Banda Aceh, CSF inspired

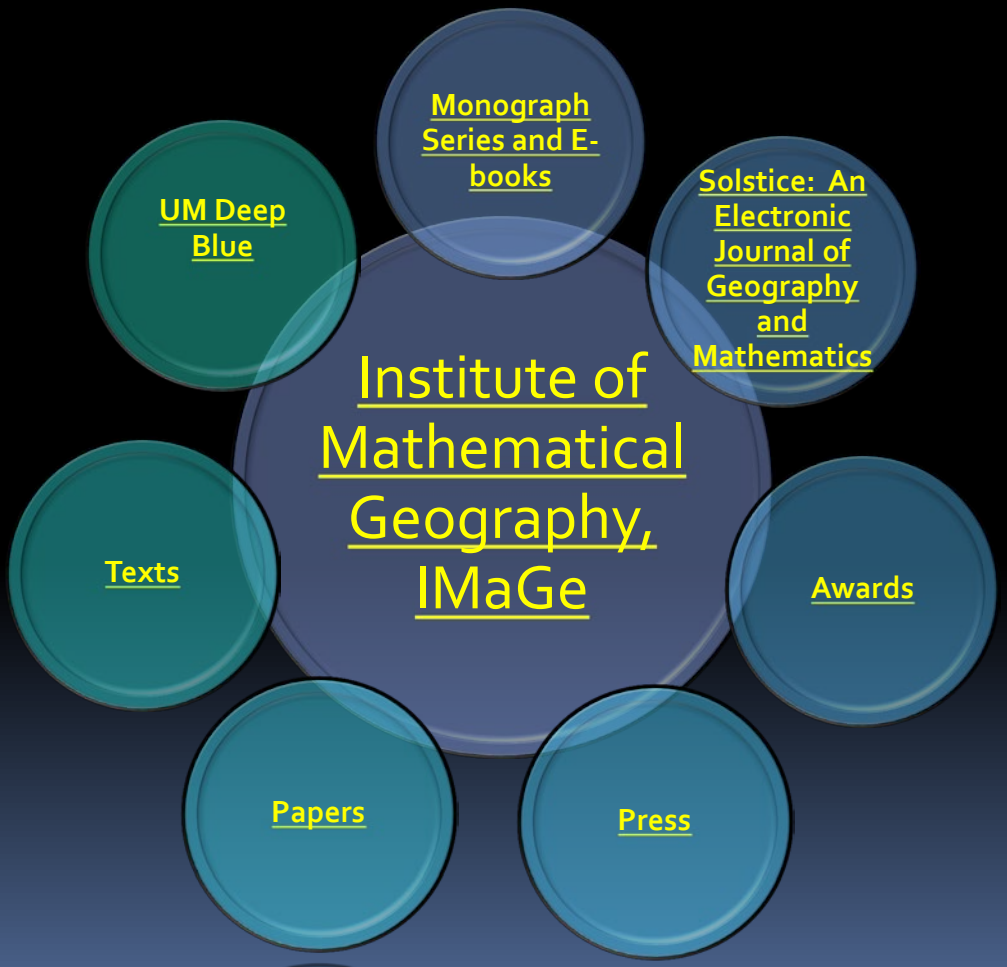
Honey bees, Diana Sammataro

3D Atlases of Ann Arbor, Matt Naud, Lars Schumann, et al.

Virtual reality: Ann Arbor



Mathematical Geography Projects: IMaGe, 25 Years!



The Perimeter Project: Phase 1.

Protect Fragile Lands using Cemetery Restrictions/Zoning

Pilot project: Chapel Hill Memorial Gardens, Grand Rapids. COMPLETE

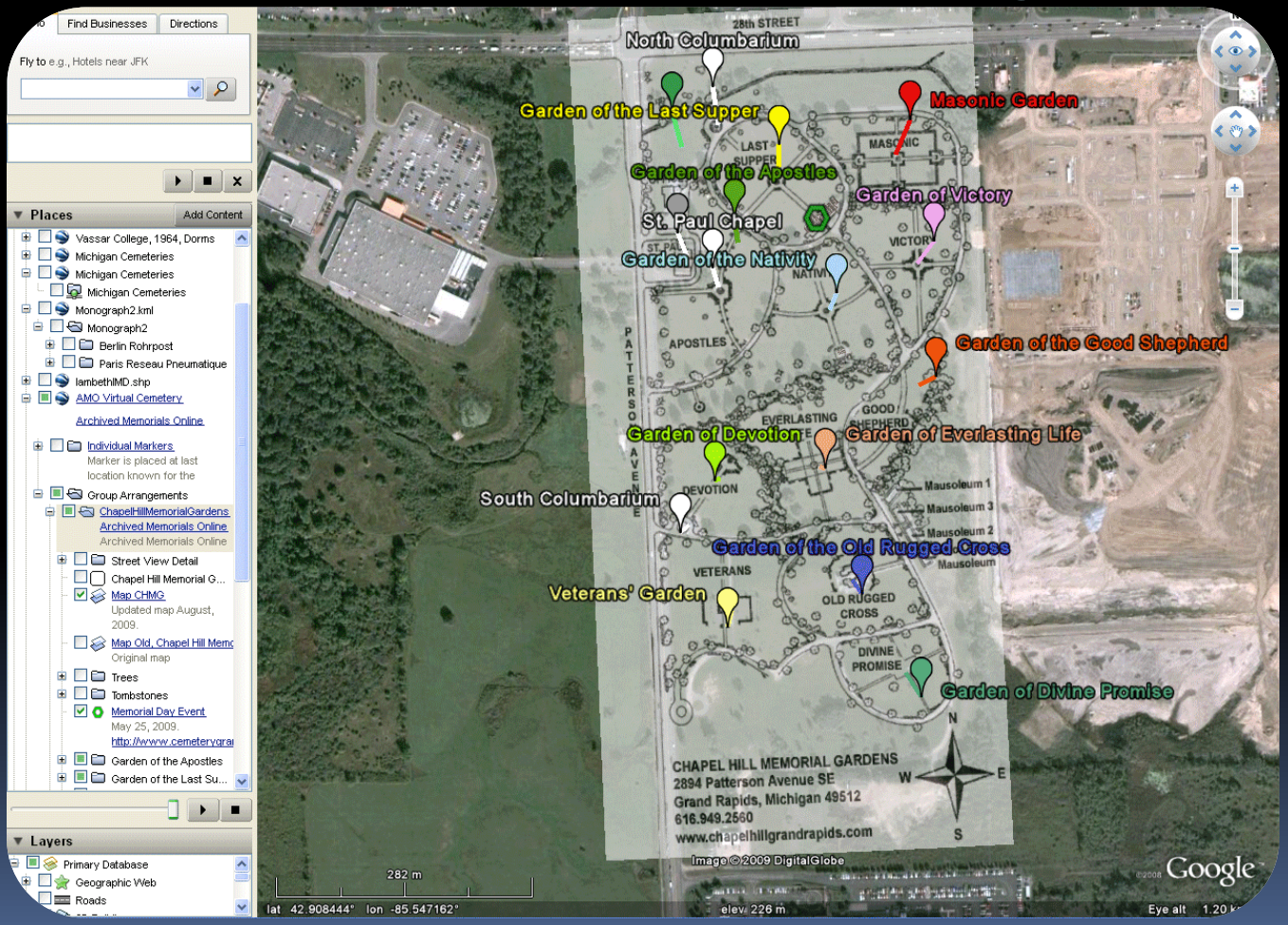
- Bundling of Archived Memorials Online with sale of cemetery plots, cremation service, etc.
- Creation of Virtual Cemetery using Google Earth

Land acquisitions.

IN PROGRESS

- Expansion of pilot project to other cemeteries
- Extension of idea to include golf course perimeter lands—viewing the golf course as a nation of 18 contiguous states.

Static view of the Virtual Cemetery



Marketing the Virtual Cemetery

- Stand-alone AMOs do not sell well.
- Bundling AMOs with other products is effective.
- AMOs physically linked to sites or grave markers using QR Codes engraved on bronze plaques (as "Memory Medallions") are in current use in Meridian, Mississippi. Loved ones visit the cemetery and, with their SmartPhones, can link to obituaries while standing at the gravesite!

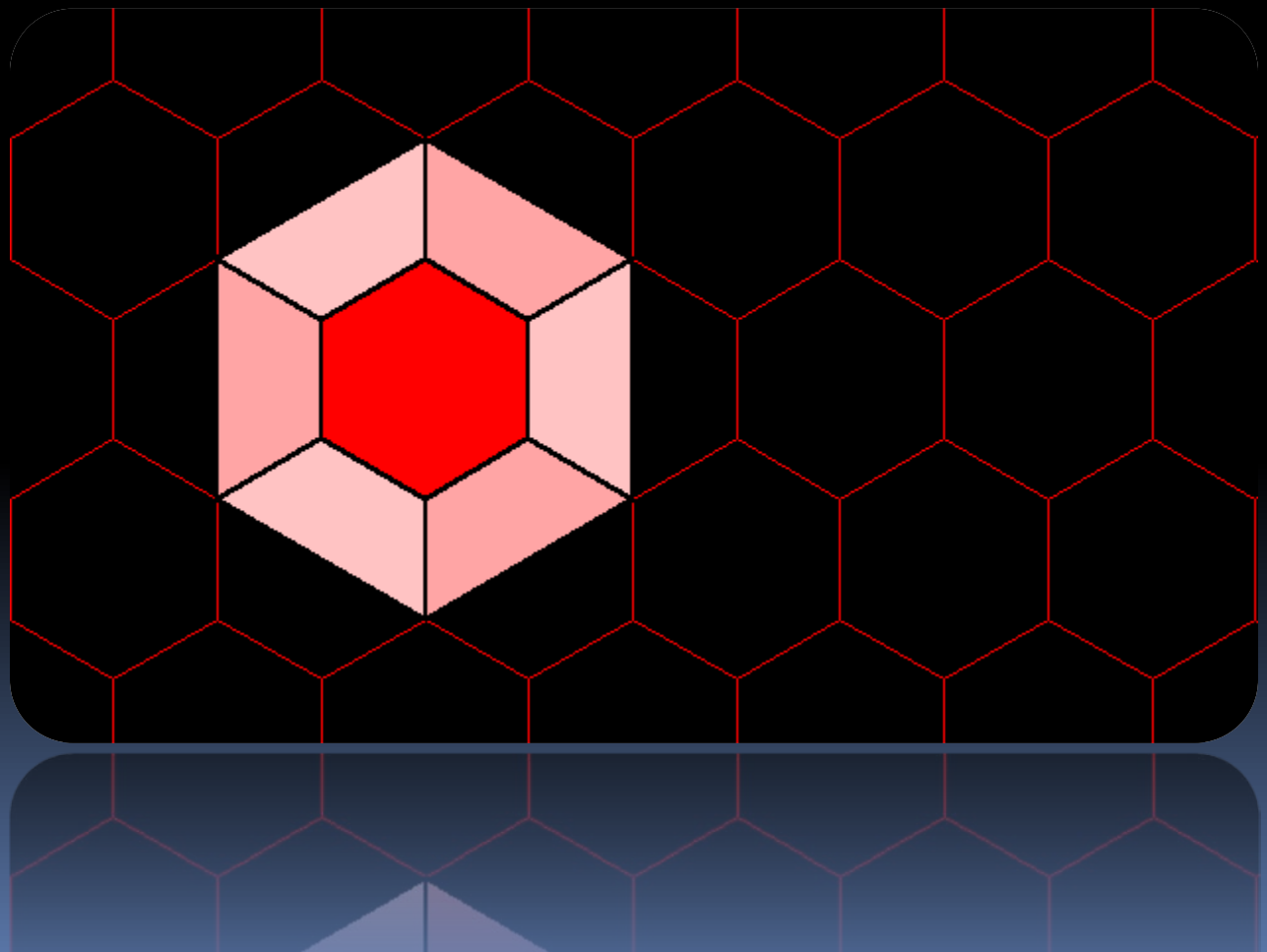
QR Codes: SmartPhone as Scanner

QR Code #1

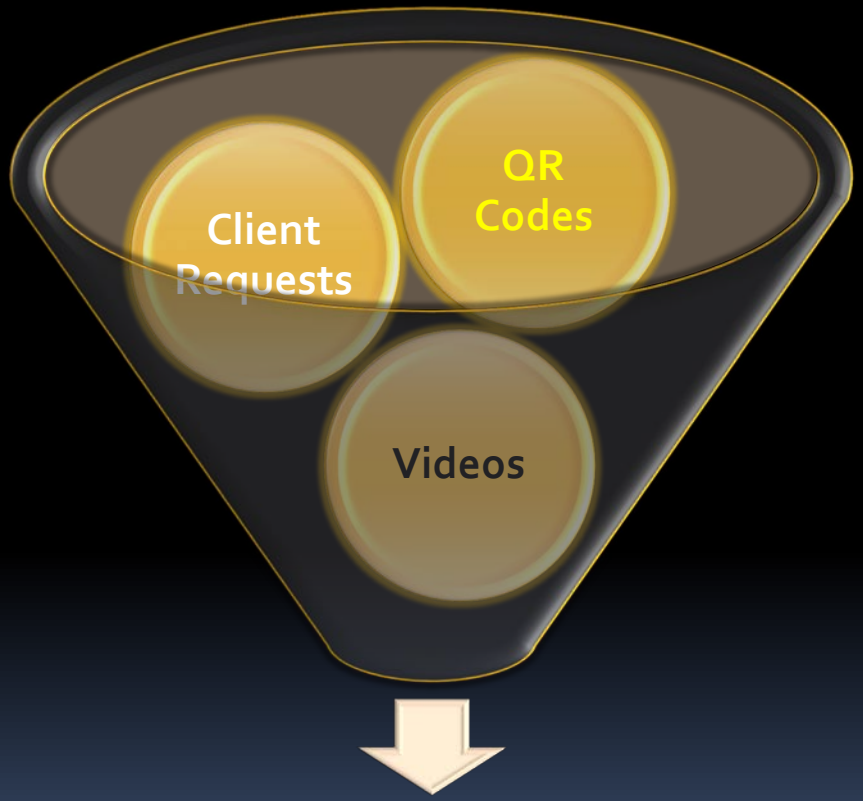
QR Code #2

Two different patterns link to the same site: Many-One transformation (not the reverse).

Gravesites and GE Virtual Cemetery: A visual integration of two different worlds using QR Codes.

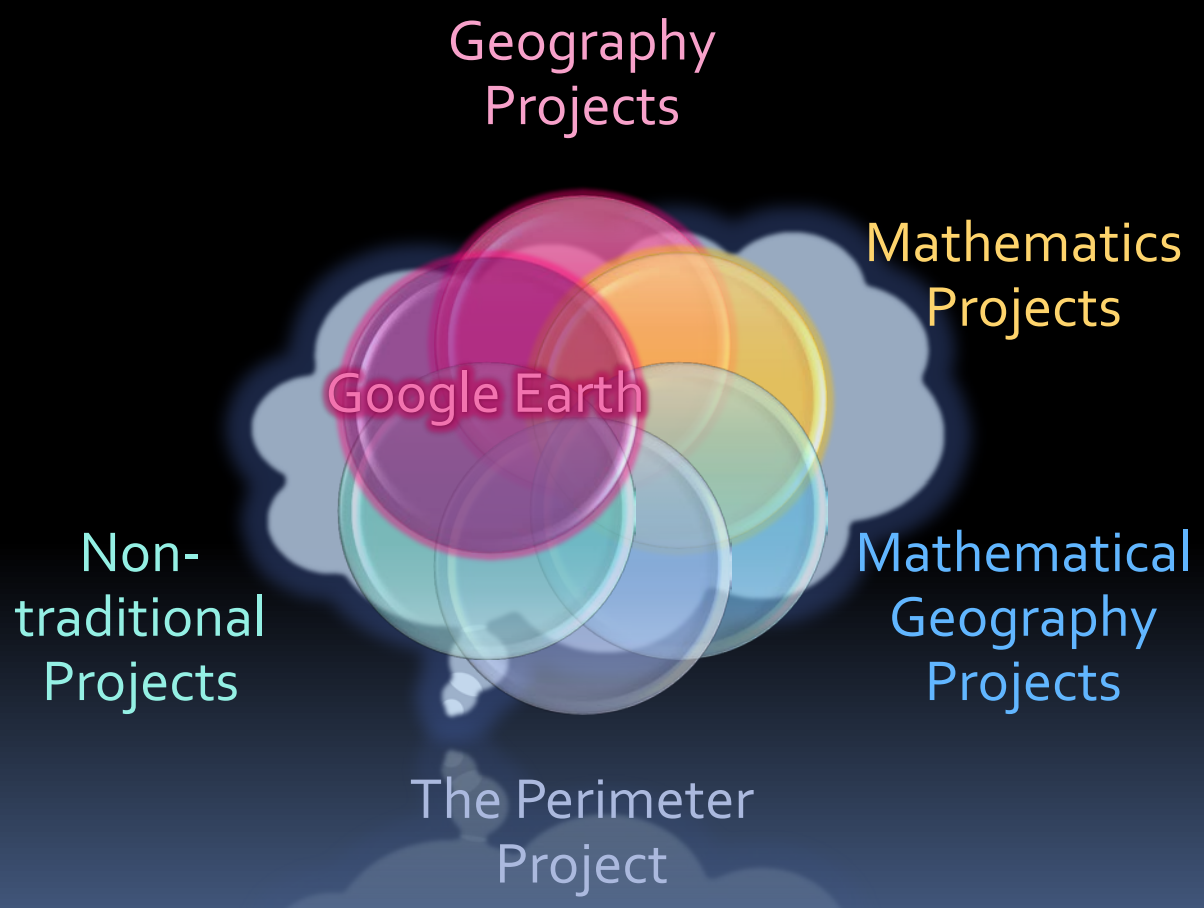


Cloud Computing makes it easy!



C l o u d D r o p b o x

Google Earth fits with parts of each set!



Many Thanks to

- The School of Natural Resources and Environment for room use;
- Kris Oswalt of Community Systems Foundation (CSF) for software support.

Related Information

- http://www.MyLovedOne.com
- http://www.imagenet.org/
- http://www-personal.umich.edu/~sarhaus/