



SOLSTICE:
An Electronic Journal of
Geography and Mathematics

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Deep Blue



IMaGe Home



Solstice Home

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Final version of IMaGe logo created by Allen K. Philbrick from original artwork from the Founder.

**VOLUME XXV, NUMBER 1;
June, 2014**

Articles and Notes

The word clouds (formed in Tagxedo, online) serve as a visual "abstract" of the adjacent article!

Save any linked .kmz files on your computer and then open them in Google Earth.

Eigenvalue Fractal Geometry: An Alternative Approach to Fractal Generation

Sandra L. Arlinghaus and Daniel A. Griffith



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The Diffusion of a Medical Innovation: Visualization Using Google Earth

Sandra L. Arlinghaus, Thomas C. Crawford, Kim A. Eagle

This article displays best on a wide screen.



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Mail

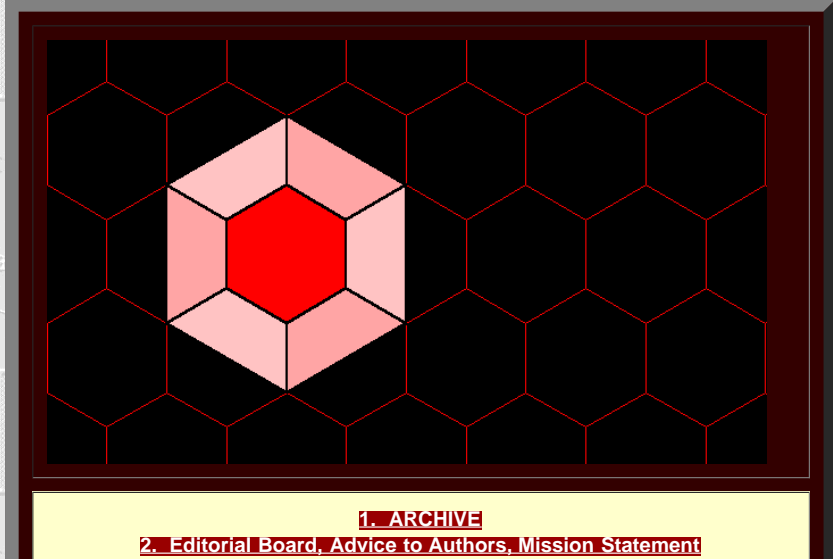
From **Waldo Tobler**: <http://earth.nullschool.net>. "The same was done for the US recently. It has also been applied to the tracks of hundreds of rental bicycles in London. This is one of the best cartographic innovations of the century, though it's mostly the data availability."

From **Robert Austin**: How to Hunt Elephants--Math style. "Mathematicians hunt elephants by going to Africa, throwing out everything that is not an elephant, and catching one of whatever is left. Professors of mathematics prove the existence of at least one elephant and leave the capture of an actual elephant as an exercise for one of their graduate students."

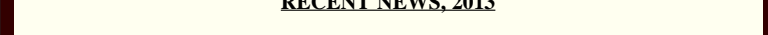
From **Dyne Benner**: "thought you might enjoy Rose-Lynn Fisher's" *The Topography of Tears*.

From **Joseph Kerski**: *Mathematical Techniques in GIS*, Second Edition, by Peter Dale. 2014. CRC Press

From **David James**: The Goode Homolosine Projection Facebook Page -- www.facebook.com/OrangePeelMap



- 1. ARCHIVE
- 2. Editorial Board, Advice to Authors, Mission Statement
- 3. Awards



RECENT NEWS, 2013

1. Chene Street History Project.
2. *Spatial Mathematics: Theory and Practice Through Mapping*. Sandra L. Arlinghaus and Joseph Kerski, (2013). CRC Press. [Linked video](#). Published July 2013.
3. The work above is the first volume in a series of books to be published by CRC Press in its series "Cartography, GIS, and Spatial Science: Theory and Practice." If you have an idea for a book to be published, or wish to participate in some other way, please contact the series Editor, Sandra L. Arlinghaus.
4. [Virtual Cemetery](#) with William E. Arlinghaus; an ongoing project that continues in development run in the virtual world in parallel with the trust-funded model of a real-world cemetery.

Institute of Mathematical Geography

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Solstice was a Pirelli INTERNETIONAL Award Semi-Finalist, 2001 (top 80 out of over 1000 entries worldwide)

One article in Solstice was a Pirelli INTERNETIONAL Award Semi-Finalist, 2003 (Spatial Synthesis Sampler).

Solstice is listed in the [Directory of Open Access Journals](#) by the University of Lund where it is maintained as a "searchable" journal.

Solstice is listed on the [Journals](#) section of the website of the American Mathematical Society, <http://www.ams.org/>

Solstice is listed in [Geoscience e-Journals](#)

IMaGe is listed on the website of the Numerical Cartography Lab of The Ohio State University: http://nci.sbs.ohio-state.edu/4_homes.html

Congratulations to all Solstice contributors.

Remembering those who are gone now but who contributed in various ways to Solstice or to IMaGe projects, directly or indirectly, during the first 28 years of IMaGe:

[Allen K. Philbrick](#) | [Alma S. Lach](#) | [Donald F. Lach](#) | [Frank Harary](#) | [William D. Drake](#) | [H. S. M. Coxeter](#) | [Saunders Mac Lane](#) | [Chauncy D. Harris](#) | [Norton S. Ginsburg](#) | [Sylvia L. Thrupp](#) | [Arthur L. Loeb](#) | [George Kish](#)