

Top Ten Classic Articles in *Cartographica* now Free Online

The top ten most-cited articles in the history of *Cartographica* are now freely available online at <http://utpjournals.metapress.com/content/120327/>.

The papers represent a wide range of cartographic interests, and include work by many influential writers. The most-cited article is a well known piece by Brian Harley, often credited with changing the way we think about maps. Harley also has an entry at the number 8 position on maps and ethics. Other notable authors include Mark Monmonier in a piece which helped establish the analysis of interactive and animated mapping, and G. Langran and Nik Chrisman's article on temporal data.

Several authors including Mark Kumler and James Carter focus on the representation of elevation data, presciently foreshadowing today's interest in virtual globes and terrain representation. The deep ties between cartography and GIS are also clear in work by David Mark and Donna Peuquet.

The listing was created using Elsevier's Scopus database, and is current as of December 2007.

In order of citation these classic articles are:

1. Harley, J.B. 1989. Deconstructing the Map. *Cartographica* 26(2), pp. 1-20.
URL: <http://utpjournals.metapress.com/content/e635782717579t53/>
DOI: <http://dx.doi.org/10.3138/E635-7827-1757-9T53>
2. Mark, D.M. 1984. Automated Detection of Drainage Networks From Digital Elevation Models. *Cartographica* 21 (2-3), pp. 168-178.
URL: <http://utpjournals.metapress.com/content/10lm44356310251r/>
DOI: <http://dx.doi.org/10.3138/10LM-4435-6310-251R>
3. Langran, G., and Chrisman, N.R. 1988. A Framework for Temporal Geographic Information. *Cartographica*, 25(3), pp. 1-14.
URL: <http://utpjournals.metapress.com/content/k877727322385q6v/>
DOI: <http://dx.doi.org/10.3138/K877-7273-2238-5Q6V>
4. Peuquet, D.J. 1984. A Conceptual Framework and Comparison of Spatial Data Models. *Cartographica*, 21(4), pp. 66-113.
URL: <http://utpjournals.metapress.com/content/d794n214221r23r5/>
DOI: <http://dx.doi.org/10.3138/D794-N214-221R-23R5>
5. Mark, D.M. and Csillag, F. 1989. The Nature of Boundaries on "Area Class" Maps. *Cartographica*, 26(1), pp. 65-78.
URL: <http://utpjournals.metapress.com/content/d2353262062x4472/>
DOI: <http://dx.doi.org/10.3138/D235-3262-062X-4472>

6. Monmonier, M. 1990. Strategies for the Visualization of Geographic Time-Series Data. *Cartographica*, 27(1), pp. 30-45.
URL: <http://utpjournals.metapress.com/content/u558h73765778u31/>
DOI: <http://dx.doi.org/10.3138/U558-H737-6577-8U31>
7. Blakemore, M. 1984. Generalization and Error in Spatial Data Bases. *Cartographica*, 21 (2-3), pp. 131-139.
URL: <http://utpjournals.metapress.com/content/100513mg26272552/>
DOI: <http://dx.doi.org/10.3138/1005-13MG-2627-2552>
8. Harley, J.B. 1990. Cartography, Ethics and Social Theory. *Cartographica*, 27(2), pp. 1-23.
URL: <http://utpjournals.metapress.com/content/c21115120603xj14/>
DOI: <http://dx.doi.org/10.3138/C211-1512-0603-XJ14>
9. Carter, J.R. 1992. The Effect of Spatial Precision on the Calculation of Slope and Aspect Using Gridded DEMs. *Cartographica*, 29(1), pp. 22-34.
URL: <http://utpjournals.metapress.com/content/aj3534h3524k0685/>
DOI: <http://dx.doi.org/10.3138/AJ35-34H3-524K-0685>
10. Kumler, M.P. 1994. An Intensive Comparison of Triangulated Irregular Networks (TINs) and Digital Elevation Models (DEMs). *Cartographica*, 31(2), pp. 1-99.
URL: <http://utpjournals.metapress.com/content/tm5674k7qh1t8575/>
DOI: <http://dx.doi.org/10.3138/TM56-74K7-QH1T-8575>