

MapCalc by Red Hen Systems, Inc.

...advanced grid-based map analysis in PC environments

Educational, Professional and Developer versions of the software are under development at Red Hen Systems (<http://www.redhensystems.com/>). The **Professional Version** is a complete stand-alone system for commercial use that contains an extensive set of grid map management, analysis and display. The **Developer Version** contains a library of the MapCalc ActiveX/COM objects and a development harness for integrating MapCalc capabilities into other software packages. The **Professional** and **Developer** versions will be available in early 2001.

<[click here](#)> for a printer friendly version (.pdf)

Educational Versions are available in both *student* and *instructor* forms...

Want to learn about grid-based analysis and GIS modeling?

...but have limited time and access to complex and specialized software.

MapCalc Educational Materials

...designed for student PC use

- ✓ MapCalc for students Version 2
- ✓ MapCalc applications/exercises
- ✓ Surfer Tutorial Version 7
- ✓ Surfer tutorial exercises
- ✓ Concepts in GIS slide set (gCON)
- ✓ Map Analysis text
- ✓ Precision Farming text
- ✓ Single seat educational license

...designed for computer lab use

- ✓ Multi-Seat educational license for all of the Student version materials, plus...
- ✓ Materials for one-day workshop on grid-based map analysis
- ✓ Materials for introductory course on GIS modeling
- ✓ PowerPoint lecture sets
- ✓ Lab exercises in surface modeling, spatial statistics and map analysis

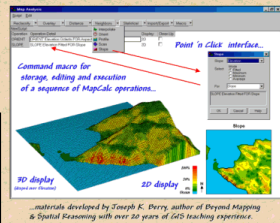
"GIS Modeling is as different as it is similar to traditional mapping and spatial database management."

The **MapCalc** system includes capabilities for...

- ✓ Windows/NT/2000
- ✓ Advanced Spatial Statistics and Map Analysis operations
- ✓ Interactive 2D & 3D display
- ✓ Import/Export for leading desktop GIS systems
- ✓ Point 'n Click user interface
- ✓ Command Macro builder
- ✓ Advanced capabilities yet VEEY easy to use...

...stop by the Red Hen Systems booth for information and a demonstration of the MapCalc educational materials for students and instructors, or visit our website at www.redhensystems.com

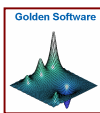
...materials developed by Joseph K. Perry, author of Beyond Mapping & Spatial Reasoning with over 20 years of GIS teaching experience.



(click to enlarge)

MapCalc Learner™ – **Student Tutorial Version (CD)** with MapCalc and Surfer* Tutorial systems, Exercises/databases, application demos and text; 100x100 configuration; single seat license for educational use only; US\$21.95 plus shipping.

MapCalc Academic™ – **Instructor Version (CDs)** with all of the above plus lecture PowerPoint's, additional exercises, one-day workshop and full introductory course materials; multiple seat license for single computer lab; educational use only; US\$495.00 plus shipping.



***Surfer** is a popular surface-modeling package by Golden Software, Inc. It is bundled with the educational versions of MapCalc and provides complementary exercises in spatial interpolation and graphical presentation of surface maps. For more information on Surfer, link to

<http://www.goldensoftware.com/frames/surferframe.htm>

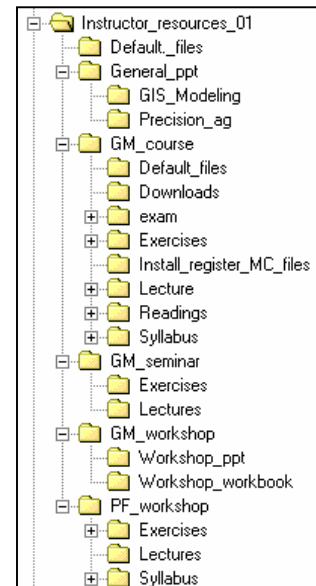
Listing of Materials on MapCalc Academic CD#2 ...over 500MB of teaching materials

MapCalc Educational Materials Instructor Resources

Welcome to the *MapCalc Educational Materials for Instructors...* software and resource materials for teaching grid-based map analysis. The MapCalc Instructor CD contains a multi-user license for the MapCalc Educational software for a single computer lab, all of the educational support material on the MapCalc Student CD and the additional folder ...*Instructor_resources* containing the Materials for Instructors.

The *MapCalc Educational Materials for Instructors* include

- ü **General_ppt** – numerous presentations on GIS Modeling, Precision Ag and related topics
- ü **GM_course** – instructional materials for an upper-division semester course in GIS Modeling with lecture presentations, exams, readings, exercises using MapCalc Learner software and online syllabus
- ü **GM_seminar** – instructional materials for a half-day seminars in GIS Modeling with lecture presentations and hands-on exercises,
- ü **GM_workshop** – instructional materials for a one-day workshop in GIS Modeling with lecture presentations and workbook materials, and
- ü **PF_workshop** – instructional materials for a two-day workshop in Precision Farming with exercises, lecture presentations and online syllabus.



The materials reflect the circumstances of their original presentation and are not designed for direct use. You are encouraged to reorganize, edit and integrate the materials with our own resources as appropriate for your class offering. Much of the material was developed and originally presented at the University of Denver and the author greatly appreciates the opportunity to serve as the Keck Scholar in the Department of Geography. Without this intellectually stimulating atmosphere these materials would not have been compiled.

The *MapCalc Educational Materials for Instructors* includes several sets of resources developed by Joseph K. Berry (© Joseph K. Berry, 1990-2003). **You can freely use the materials for educational purposes.** If you use copies of the materials for professional presentations and papers, please reference as “(After Berry)” within any graphics and cite in the references section as “Berry, J.K., 2001. *MapCalc Educational Materials*, with MapCalc Academic software by Red Hen Systems, Fort Collins, Colorado, USA, www.redhensystems.com.”

As appropriate, cite the MapCalc Educational package as “MapCalc™ Learner and Academic software, www.redhensystems.com, Fort Collins, Colorado, USA” and the Surfer Tutorial software as “Surfer™ Tutorial software, www.goldensoftware.com, Golden, Colorado, USA.”

The educational materials supporting *MapCalc* and *Surfer* are constantly being revised and you are encouraged to periodically visit www.innovativegis.com/basis, www.redhensystems.com and www.goldensoftware.com for more information and current status.

Questions and comments on contents about the Educational Materials should be directed to jberry@innovativegis.com.

If you encounter a software difficulty, please email a description of the problem to surfersupport@goldensoftware.com or support@redhensystems.com as appropriate.