

Reading List and Reference Books

Systems Analysis

- Chapman, G. P., 1977: Human and Environmental Systems – A Geographer's Appraisal, 421p (Chapters 4 and 10)
- Chorley, R. J. and Kennedy, B. A., 1971: Physical Geography – A Systems Approach, 370p. (Chapters 1 and 8)
- Gregory, K. J., 1985: The Nature of Physical Geography, 262p (Chapter 7)
- Harvey, D., 1969: Explanation in Geography, 521p. (Chapter 23)
- Huggett, R., 1980: Systems Analysis in Geography, 208p (Chapter 1)
- White, I. D., Mottershead, D. N., and Harrison, S. J., 1992: Environmental Systems: An Introductory Text (2nd Ed.), 616p (Chapter 1)
- Wilson, A. G., 1981: Geography and the Environment – Systems Analytical Methods, 297p. (Chapters 1 and 2)

Models

- Chorley, R. J., and Haggett, P. (eds.), 1967: Models in Geography
- Huggett, R. J., 1993: Modelling the Human Impact on Nature (Chapter 1)
- Macmillan, B. (ed.), 1989: Remodelling Geography
- Minshull, R., 1975: An Introduction to Models in Geography

PC-based Modelling

- Cartwright, T. J., 1993: Modeling the World in a Spreadsheet. The Johns Hopkins University Press.
- Hardisty, J., Taylor, D. M. and Metcalfe, S. E., 1993. Computerised Environmental Modelling. John Wiley & Sons
- Kirby, M. J. *et al.* (eds.), 1987. Computer Simulation in Physical Geography. John Wiley & Sons
- Thomas, R. W. and Huggett, R. J., 1980. Modeling in Geography: A Mathematical Approach. Barnes & Noble Books

Model Evaluation

- Bluman, G., 1983: Dimensional analysis, modelling and symmetry. *Int. J. Math. Educ. Sci. Technol.*, 14, 259-272
- Mann, J. C., 1970: Randomness in nature. *Geol. Soc. Am. Bull.*, **81**, 95-104.
- Mark, D. M., and Church, M., 1976: On the misuse of regression in earth science. *Mathematical Geol.*, **9**, 63-75.
- Willmott, C. J., 1981: On the validation of models. *Phys. Geog.*, 2, 184-194
- Willmott, C. J., 1982: Some comments on the evaluation of model performance. *Bull. Amer. Meteorol. Soc.*, 63, 1309-1313

EBM and STELLA models

McGuffie, K. and Henderson-Sellers, A., 1997: A Climate Modelling Primer. John Wiley & Sons (Chapter 3)

Ford, A., 1999: Modeling the Environment – An Introduction to System Dynamics Modeling of Environmental Systems. Island Press

STELLA software documentation