

Threshold21 Introductory Online Course

Reading list

Readings Introduction

- Forrester, Jay W., 1971, Counterintuitive behavior of social systems, Technology Review, Alumni Association of the Massachusetts Institute of Technology, January 1971, Boston, MA.
- Donella Meadows, 1998, Indicators and information systems for sustainable development, The Sustainability Institute, Hartland VT
- John D. Sterman, A skeptic's guide to computer models, In Barney, G. O. et al. (eds.), Managing a Nation: The Microcomputer Software Catalog. Boulder, CO: Westview Press, 209- 229

Readings Module 1: Positive FB loops

- Donella Meadows, 1999, Leverage points, The Sustainability Institute, Hartland VT
- Matteo Pedercini, "Development Policy Analysis in Mali: Sustainable Growth Prospects", G. Barthe, A. Pardo, and G. Schneider (Eds.): SEFM 2011, Lecture Notes in Computer Sciences 7041, pp. 447–463, 2011. Springer-Verlag Berlin Heidelberg 2011.

Readings Module 2: Negative FB loops and policy resistance

- Matteo Pedercini, Gerald O. Barney, "Dynamic analysis of interventions designed to achieve Millennium Development Goals (MDG): The Case of Ghana", Socio-Economic Planning Sciences, 44 (2010) 89–99.

Readings Module 3: Delays

- Dennis L. Meadows; Jorgen Randers, Adding the Time Dimension to Environmental Policy, International Organization, Vol. 26, No. 2, International Institutions and the Environmental Crisis. (Spring, 1972), pp. 213-233.

Readings Module 4: Beyond the Thresholds

- Excerpts from Limits to Growth, The 30 Year Update, Donella Meadows, Jorgen Randers, Dennis Meadows*, 2004