Lecture 13 - Current topics in system dynamics

I. Chaos
   A. Lorenz
   B. Chaos from generic structures
   C. Period doubling to chaos
   D. Chaos in the public administration literature (literally!) (Kiel slides)

II. Serious games
   A. Strategem
   B. FishBanks
   C. Richmond’s project with Harvard Business Review
      1. Show sample flight simulator

III. Group model building
   A. Projects
      1. Foster care
      2. Vermont Medicaid
      3. OMH/VESID
      4. Welfare reform
   B. Process
      1. Teams and teamwork (see Andersen and Richardson, Teamwork in Group
         Modeling Building in MFM)
      2. Scripts (see special issue of System Dynamics Review on Group Model
         Building)
      3. Concept models
         a) ATKearney
         b) Welfare reform
   C. Welfare reform project (McKinsey powerpoint show: stop after run vs. history)
   D. Welfare Reform flight simulator
      1. Overview of simulator
      2. Base run
      3. Investing in the Center
      4. Investing in the Edges
   E. Finish Welfare Reform powerpoint show