Final Project Products

PAD 724

The final written product for your modeling efforts in PAD 724 should contain four parts:

I. Problem definition
   A. Include here a abbreviated statement of all the sections called for in the project proposal assignment; in particular include real world behavior (data, graphs over time)

II. Model structure
   A. Overviews
   B. Details
   C. (Full diagrams and equations in an appendix)

III. Presentation and analyses of model behavior
   A. (NOTE: It may prove useful to repeat II and III for a sequence of several concept models, or submodels, or sectors of your final model, ending with your complete model. Choose the presentation approach that communicates best what you want to show.)
   B. Model behavior
      1. Base run behavior
         a) Link to the problem definition
         b) Link to model structure
      2. Well thought-out tests
         a) For internal validation
            (1) Extreme condition tests
            (2) Sensitivity analyses
         b) For external validation
            (1) Scenario tests (might overlap with 2a and b).
   C. Policy analyses
      1. Results of commonly suggested policies
      2. Results of policies that emerged out of the modeling process
   D. Links between the model and the real world (e.g., causal-loop structures underlying behavior)

IV. Conclusions
   A. Policy conclusions (if you get this far)
   B. Insights emerging from the modeling process or model structure and behavior (if any)
   C. Future work (e.g. what you would have done if you had more time, or what you will do to turn the work into a dissertation or a publication)

This final written product should reflect understandings of appropriate sections of this course, e.g., the use of diagrams to present model structure and explain model behavior.