



401.661 Advanced Construction Technology

Construction Engineering and Management Department,.

Seoul National University

TP1

As the 1st step of our term project, pls find a construction related problem. To analyze the identified problem and suggest solutions, your group will develop a system dynamics model.

➤ **TP1 includes:**

Problem Statements
Variable List
Reference Modes

➤ **TIPS on TP1**

1. Your problem statement needs to cover 1) problems and 2) modeling goals
2. Problems and goals need to be specifically mentioned (eg, problems perceived by whom? actions to be taken by whom? who are the main players?).
3. Think you will look at problems within a project? an organization? or the whole industry?
4. Think all the time across the modeling processes (inc. TP1 process) how to quantify variables.