Homework- 3: An Essay on Life Cycle Assessment (or Analysis)

This homework is designed to enhance your self-learning capability. Please write a five-page essay (double spaced, 12 point font, 1.0 inch margins) about Life Cycle Assessment (LCA). You will need to use the key reference (posted on the front page of the course web page) and to go to the UCSC library web page and search for relevant articles either via online Journals (e.g., The International Journal of Life Cycle Assessment) or Articles & Databases (e.g., Web of Science/Web of Knowledge) both under the RESEARCH MENU. Your essay is expected to have at least four sections: (1) introduction (general definition and description of key features of LCA); (2) a case study of using LCA for greenhouse gas emissions (provide a summary of a journal article); (3) another case study of using LCA for energy outcomes (a summary of another journal article); and (4) conclusion remarks (pros and cons of LCA). You will also need to provide a literature cited section, you should list all cited references in a scientific format. Please see the example:


Homework-3 is due to be received on Wednesday, March 2.