Introduction

- Green Buildings: A Definition
  - According to the Associated General Contractors of America, sustainably designed, high performance buildings are those that through their siting, orientation, design, construction, and operation are highly energy efficient, have lower operating costs, are better for the environment in broad and specific terms, and promote whole health for their users and occupants with measurable results.
- Rating Systems
  - The criteria for the level of sustainability or "greenness" of a building are somewhat ambiguous as individual organizations often set their own criteria. The most popular indicator in world is the Leadership in Energy & Environmental Design (LEED), which is overseen by the Green Building Council, USA. The concept is based on the LEED system developed by the United States Green Building Council in 1999.
  - The LEED rating system assigns points for criteria that are met according to the standard.
  - From the points earned, one of four certifications is awarded (Platinum, Gold, Silver, or Certified). Although other ratings systems exist such as Green Globes and the iiSBE GBTool Ratings systems, this report will be based on LEED, as it is the most widely used rating system in policy analysis and business decision-making. The key criteria in the LEED point system are the 1) sustainability of the site, 2) water efficiency, 3) energy use and atmosphere, 4) material and resource use, 5) indoor environment quality, and 6) innovation and design process.
- Feasibility Study
  - Definition of Sustainability
  - Green Building Standards That Could Be Used by the Facility
  - How Projects Might Rate According to These Standards
  - Assessment of Probable Costs
  - Relative Benefits of Internal Versus External Certification
  - Recommend ways UC can work with external organizations involved in sustainable building issues
  - Identify fundamental components of a sustainable building policy; identify implementation issues and strategies

- Conclusions and Recommendations
    - General Recommendations
    - Recommended Policy Framework
    - Recommended Implementation Guidelines