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Research Theme

Life Cycle Thinking for Sustainable Development and Engineering Project Management

Research Areas

- Water-energy nexus in urban development
- Improving energy & eco performance of buildings
- Small water system management and water security
- Solid waste management
- Smart buildings and interconnected cities
- Human health impact management of aquatic centers
- Alternative modes of transportation

Research Facilities/Tools

- Simapro
- Athena impact estimator
- GaBi 5.0
- @Risk
- Design Builder
- CostX
- Autodesk Ecotect
- Portable cameras, camcorders, multi-media devices and accessories

