

Suggestion on setting up categories and elements for green campus through field surveys about the advanced cases

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Abstract

When this study began, green campus implementation in Korea was still in its beginning stage and hadn't have its standardized guideline holding the holistic concept of green campus, which showed a need for systematic approach. Thus, this study analyzed 4 abroad advanced cases of green campuses during the last four years. We conducted field surveys about green campuses of Portland State University, USA in 2015, Freie Universität Berlin, Germany in 2016, Aalto University, Finland in 2016, and University of Melbourne, Australia in 2017. The purpose of this paper in the whole research project is to suggest setting up categories and elements for green campus through comprehensive analysis about the plans and practices of subject green campuses. As results, this paper established goals of three aspects for green campus, i.e. physical, sociocultural, and human and conceptualized four large categories including university administration, research and education, engagement, and sustainable physical campus. Also, we listed specific elements in all 15 middle categories for green campus like Governance, Energy & Emissions, Water, Waste & Recycling, Travel & Transport, Biodiversity, Sustainable Buildings & Communities, Climate Adaption & Resilience, Goods & Services, Research, Teaching & Learning, Engagement, Investment, Reporting & Networking commitments, and Health & Safety.

Keywords: *Green campus, setting up categories and elements, comprehensive analysis about the advanced cases, abroad field surveys*

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Biography

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- 2001~ Professor of Dept. of Housing & Interior Design, Chungbuk National University, Korea
- 2007~ Member in Committees related with Architecture & Urban Planning for Cheongju City or Chungbuk Province
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