

University of Arkansas Sustainability Research KPI 2011-2013



Sustainability House
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Overview

This project outlines the results of the AASHE STARS report on sustainability related research on the University of Arkansas campus from 2011-2013. Research funding and categories can be found below.

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Methodology

Sustainability Research Identification

- **Sustainability Research:** Sustainability research investigates origin and occurrence of Earth resources and their associated long-term management, allocation, and utilization with respect to social equity, ecosystems, and economies. It is systems oriented, which includes: Academic, Built, Managed, Natural, and Social systems.
- **Methodology:** The document "UA Sustainability Research 2011-2013", provided by the Research and Economic Development Center, identifies all funded and ongoing research projects underway at the University. Each project was determined to be related or unrelated to sustainability. Those that were related were then categorized into five sustainability categories. Research funding only considers the calendar year of 2012.
- All department courses can be found at: <http://catalogofstudies.uark.edu/2881.php>

Sustainability Research

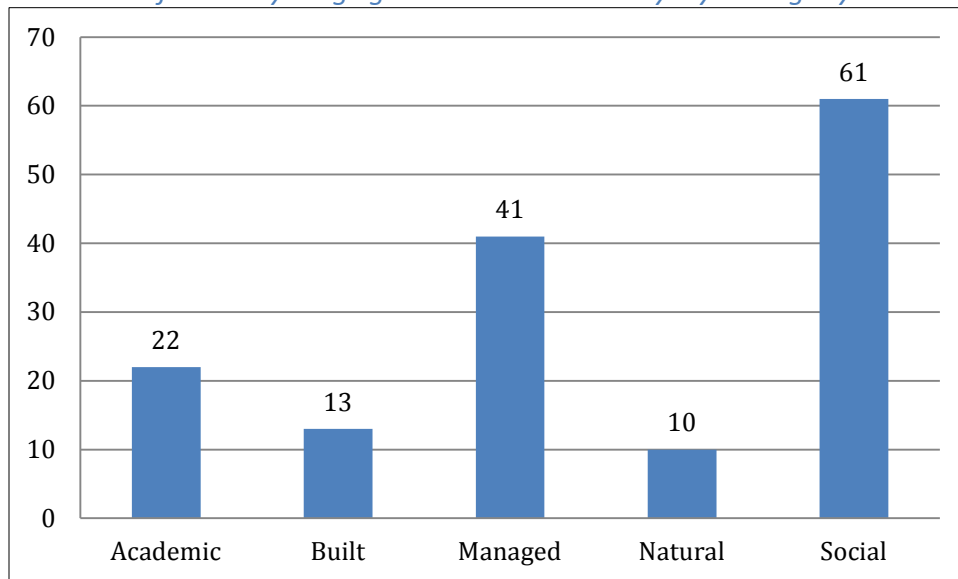
Faculty Engaged in Sustainability Research

The number of faculty members involved in research 2011-2013 was calculated by multiplying each Principal Investigator (PI) by three. There are 147 Faculty PIs involved in sustainability research. On average, there are three leading faculty per project, or Co-Principal Investigators, so the total number of PIs was multiplied by three. Due to some faculty members taking the PI role in multiple research projects, total projects and total PIs differ slightly.

All tenure-track faculties are required to conduct research. Sustainability research at the University of Arkansas was primarily in the social sector, with approximately 61 faculty engaged.

- Number of faculty members engaged in sustainability research: 441
- Number of faculty members engaged in research: 754
- Percentage of faculty engaged in research: 58%

Figure 3. Number of Faculty Engaged in Sustainability by category

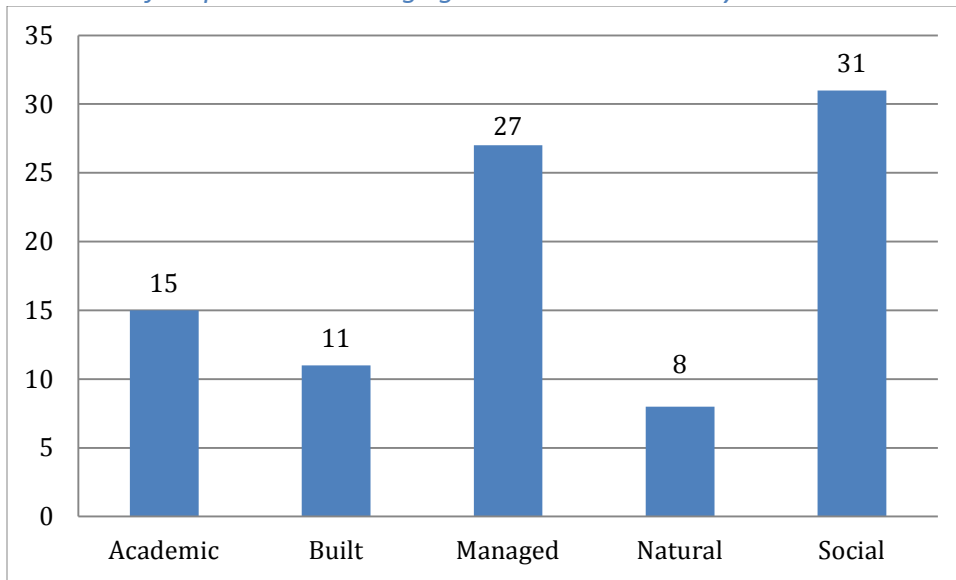


Departments¹ Engaged in Sustainability Research

- The total number of academic departments in which at least one faculty member engages in sustainability research: 51
- The total number of academic departments that conduct research: 59
- Percentage of departments engaged in research: 86%

¹ Departments are defined as budgetary units that conduct research.

Figure 4. Number of departments engaged in sustainability research



*An overlap of departments involved in each category explains the differentiation from stated total 51.

Related Costs of Research 2012

Sustainability related research accounts for just over one percent of the total funding allotted for research during 2012. Natural system research secured the least funds with \$539,000, while social systems acquired over seven million.

- Sustainability Related Research Funding: \$17,210,981
- Total Research Funding: \$47,812,826.00

Figure 5. 2012 Research Funding

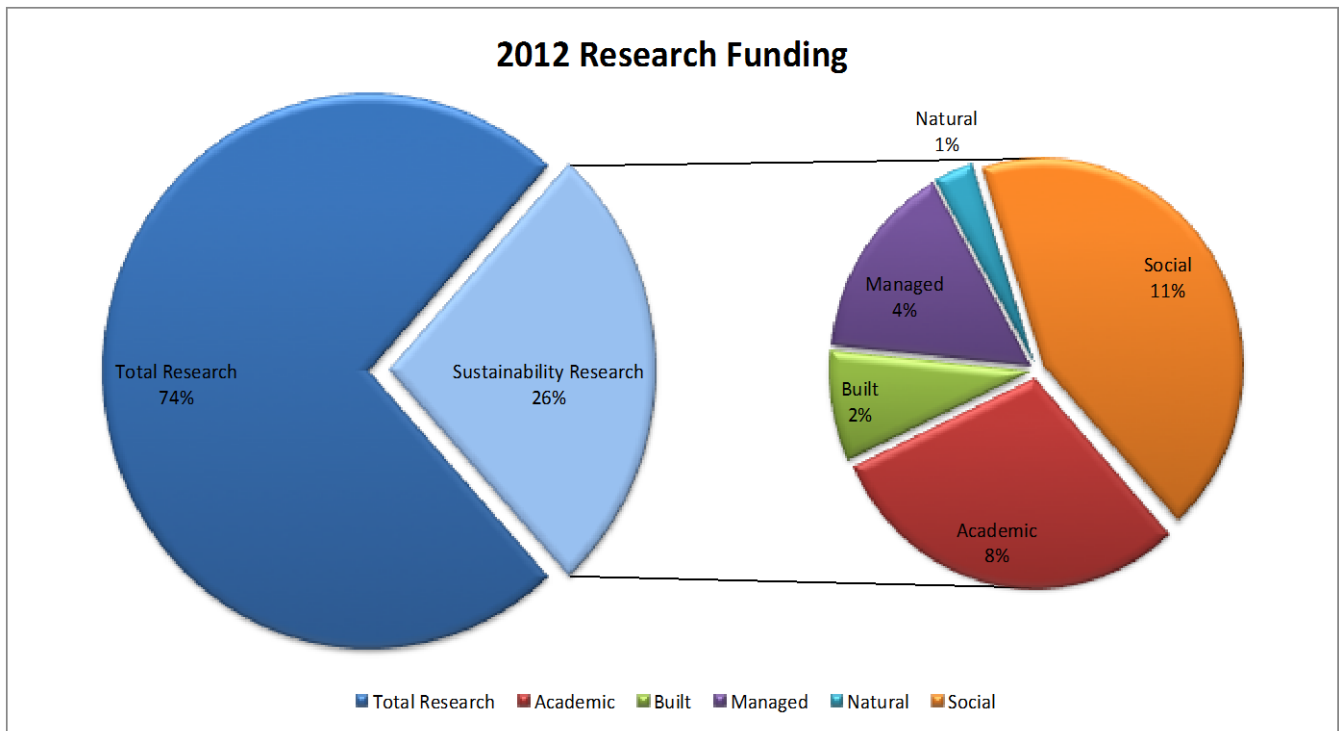
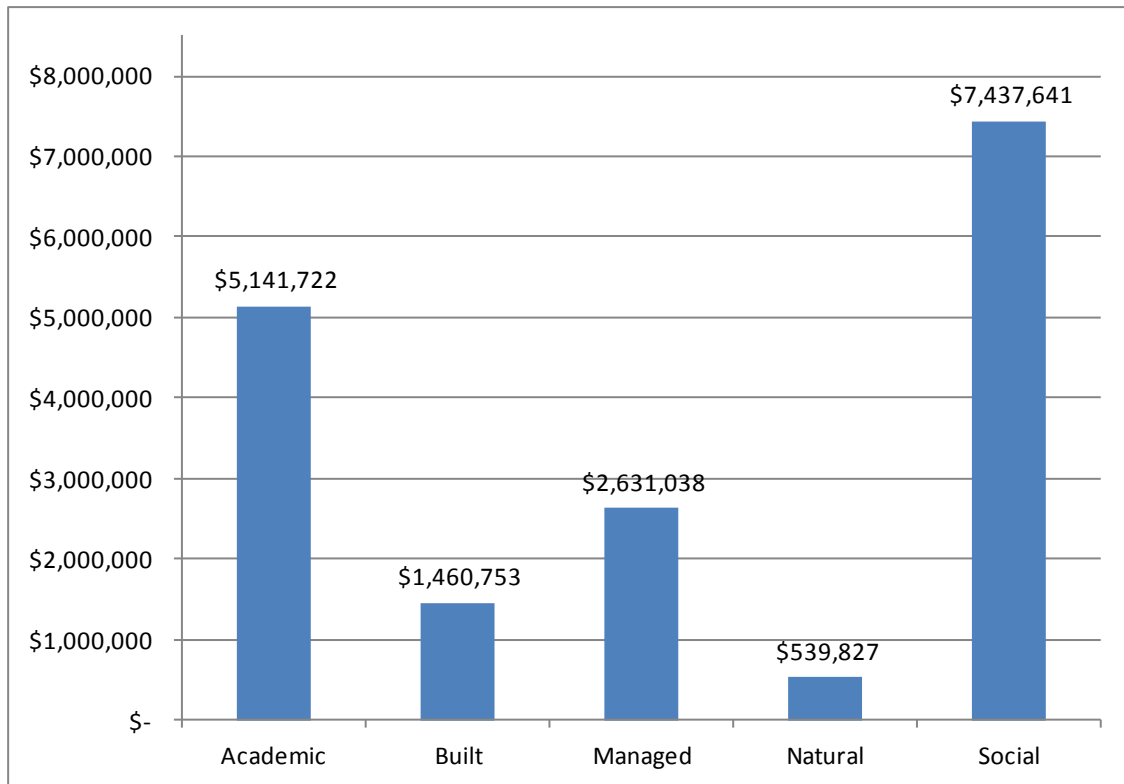


Figure 6. Sustainability Research Categories



Project Summary

The University of Arkansas supports and encourages research financially and through hiring committed faculty. Sustainability research at the university focused primarily on the social sector in regards to funding, faculty and department involvement. Each system was consistent in the three depicted areas of engagement. From 2011-2013, the total number of sustainability related research projects was 197 and the total number of Faculty Principal Investigators was 147, suggesting that there are faculty engaged in more than one sustainability related research project. In 2012, a total of \$17 million dollars was spent on sustainability related research projects, which was 26 percent of total research funds.