



Engineering for Developing Communities
Department of Civil, Environmental and Architectural Engineering
University of Colorado at Boulder
<http://www.edc-cu.org/>

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Exciting news from CU-Boulder's Engineering for Developing Communities (EDC) program:

The roof is in place and students have began work at our new Field Laboratory for Appropriate and Sustainable Technologies (<http://www.edc-cu.org/FLASTlab.htm>). Near-term construction plans include preparing and installing a foundation, installing a rain catchment system, and constructing straw bale walls. Students in Dr. Amadei's Sustainability and the Built Environment course will also learn how to make and apply earthen plasters. If you or your company is interested in making an in-kind contribution to this sustainable technology learning lab, please contact Bernard Amadei (Amadei@colorado.edu).

The National Collegiate Inventors and Innovators Alliance (NCIIA) awarded EDC faculty a three-year grant to develop and offer a senior design course on Appropriate Technologies for Developing Communities. Dr. Amadei will teach the course beginning in Fall 2005.

The EDC team authored three papers accepted for the 2005 American Society for Engineering Education (ASEE) Conference and Exposition: "Incorporating ESE Concepts throughout the Civil Engineering Degree to Create the Engineer of the 21st Century," "Creating an EDC Emphasis in Environmental Engineering," and "A Summary of the Workshop on Integrating Appropriate-Sustainable Technology and Service-Learning in Engineering Education."

Two individuals recently donated a total of \$4,500 to the EDC program. Donations of any size are always welcomed and will be used to help us to continue training students who are better prepared to consider the social, environmental, economic, cultural, and ethical aspects of engineering. Donations should be made through the CU Foundation (<http://www.cufund.org>), and directed to the Earth Systems Engineering Fund.

EDC Faculty

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