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September 28th, 2019 - this is the home page for my mathematics for sustainability project the project objective is through a general education mathematics course to enable students to develop the quantitative and qualitative skills needed to reason effectively about environmental and economic sustainability this page will link to home pages for versions of the course that have been offered at penn state'

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study is to provide a quantitative framework for analyzing sustainability and green transportation initiatives in highway design and maintenance specifically we formulate the life cycle maintenance cost of a highway to be considered in conjunction with various initial costs such as right of way pavement and earthwork costs in the highway alignment optimization process" rationale the Australian curriculum

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