

# SUSTAINABILITY, DEVELOPMENT and PROGRAM EVALUATION

EAS 501.162

School for Environment and Sustainability, University of Michigan

**Class Meeting Time and Place:** Monday and Wednesday 10 AM to 11:20 AM

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<b>Instructor:</b>	Dr. Pam Jagger	<a href="https://fuel.seas.umich.edu">https://fuel.seas.umich.edu</a>
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**Course Description:** The overarching question for this course is *whether and how sustainability initiatives led by government, non-government or private sector actors achieve outcomes that foster or undermine environmental and human development goals?* The role of environmental policy and practice in human development is examined through the lens of the United Nations Sustainable Development Goals, and through the current paradigms of results-based financing, evidence-based policy-making, and the rise of market oriented approaches to development. The course draws on the theoretical foundations of public policy, political economy and the field of environment for development economics and policy. The core analytic orientation of the course is fundamentals of monitoring and evaluation for sustainability for development initiatives including, research design for causal inference, impact evaluation, realistic and process evaluation, design and measurement challenges, data sources and quality, and cost effectiveness analysis. The course will draw on a range of cases from low and middle-income countries including efforts to address water and sanitation, air pollution and energy access, forest-based climate mitigation, etc. Students who take this class will be able to critically evaluate the existing evidence base for sustainability for development programs and policies, a fundamental skill for developing new policy and designing programs that build productively on past experience.

**Recommended prerequisite:** An intermediate course in public policy, economics, political science and/or statistics.