48795 A4 LEED, Green Infrastructure and Community Rating in Global Context

Nina Baird

Are you interested in how urban infrastructure and community design may be approached differently around the world? Do countries that high population density approach urban design and green infrastructure the same way as the US and other more sparsely populated countries? 48795 A4, LEED, Green Infrastructure and Community Rating in Global Context, is a graduate level mini-course that uses global community and infrastructure rating systems to gain perspective about sustainability in context. The course is organized within the framework of the US Green Building Council’s Leadership in Energy and Environmental Design (LEED) Cities & Communities Rating System and the Institute for Sustainable Infrastructure (ISI) Envision Rating System. Within those frameworks, we explore the strategies and credit structure, and compare these with the community characteristics, strategies and credit structure in community and infrastructure rating systems from other countries. We also discuss emerging issues that may be omitted from rating systems, and the design of the rating system itself, its implementation, and the national context in which the system was created.

Although the course provides a foundation for taking USGBC’s LEED Green Associate and/or LEED Accredited Professional exams, or the ISI Envision Sustainability Professional exam, it is designed to develop your understanding of, and hone your critical thinking about the sustainability in context, using the definitions and metrics provided for us by rating systems around the world.

LEED ND checklist (https://www.usgbc.org/leed); and the ISI Envision categories (https://sustainableinfrastructure.org/envision/overview-of-envision/)

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