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Center for Cross-Cultural Studies  
Indigenous Studies PhD Program  
2017

: Michael Koskey (please call me Mike)  
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1. To understand the frameworks and design solutions as applied to contemporary social and ecological problems that urban and rural communities must confront if they a

Reading Reactions: Each student will lead three group discussions based on the readings. The reading presentations will include a 1-3 page summary sheet e-mailed to all the students and instructor, and a summary presentation in class (5-10 minutes) followed by a class discussion (5-10 minutes).

Problem Sets: Problem sets are very specific, are defined by the instructor, and are typically no more than 3-5 pages in length for your written response; a

“F” work: Fails to realize several elements of (1) through (9) adequately and contains many serious errors or flaws, and usually many minor ones,

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The following is the listing of readings for the class for the listed date, along with general class topics.

1. OUR COMMUNITIES AND THE ENVIRONMENT
2. CLIMATE CHANGE AND GLOBAL ENVIRONMENTAL CHANGE

[De Fries](#)



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1. ENERGY CONSERVATION AND USE
2. CONVENTIONAL AND ALTERNATIVE ENERGY SYSTEMS  
IN DESIGN AND PRACTICE

[Pickett](#), Cadenasso, et al., (2001). Urban Ecological Systems: Linking Terrestrial Ecological, Physical, and Socioeconomic Components of Metropolitan Areas. *Annual Review of Ecological Systems* 32:12 7-157.

[Douglass](#), M. (1998). A Regional Network Strategy for Reciprocal Rural-Urban Linkages. *Third World Planning Review*, 20 (1), 1-33.

[Lehrer](#), J. (2007). The Living City. Seed. July.

Semester Paper updates due

**12**

1. MODELS OF SOCIAL AND ECOLOGICAL SYSTEMS  
ANALYSIS
2. UNDERSTANDING AND APPLICATION IN ECOLOGICAL,  
ECONOMIC, AND SOCIAL SUSTAINABILITY

[Lovelock](#), J. (1986). Gaia: The world as a Living Organism. *New Scientist* 112 (1539): 25-31.

[Walker](#)