

Environmental Impact Assessment

ENVD 4023 | TU.TH 12:30-1:45

Fall 2015



Energy

Beneficial and potentially harmful impacts of energy production from wind, solar, resource extraction.



Urban Redevelopment

Including redevelopment of brownfields and soil considerations



Relocations

Social and economic impacts of relocations due to project impacts, Climate Refugees



Transportation Impacts

Including highway development, alternative transportation & mass transit



Wildlife and Vegetation

Positive and harmful project impacts on wildlife, vegetation



Water

Effects of dams, reservoirs, diversions. Endangered species considerations.



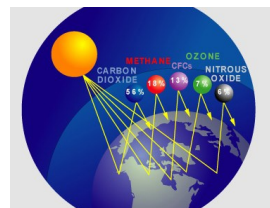
Coastal and Wetland

Types of impacts in coastal and wetland development.



Justice

Social and environmental justice considerations



Greenhouse Gases

Current requirements and considerations for GHG emissions. System resiliency.

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This course is an investigation into environmental assessment for the natural and built environments. We will explore the application of the National Environmental Policy Act (NEPA) and other policies that apply to a diversity of topics including urban development, transportation planning, environmental health, landscape design, and forest restoration. We will consider the legal, environmental, ecological and social contexts in which environmental assessments occur, as well as their value and effectiveness in these contexts.