

Climate Resilience and Green Infrastructure

Core Faculty: *Elisabeth Infield (coordinator), Robert Ryan, Theodore Eisenman*

Communities need to support positive ecologies while being low-carbon and climate-resilient. The focus of this specialization is understanding the forces affecting the built environment, the interrelationships between land use, environment and social conditions, and ways to support and regulate development to best achieve community goals. It also addresses environmental policy and planning as it relates to preserving and protecting environmental quality and habitat. The Department has particular strength in greenway planning and green infrastructure, and in interpreting the role of open space and communities within their regional context in the US and internationally.

Recommended Courses

- Planning for Climate Change (RP 585)
- Green Infrastructure Planning and Design (RP 591I)
- Tools and Techniques (RP 652)
- Introduction to Land-Use (RP 645)
- City Planning (RP 574)
- Sustainable Cities (RP 580)
- Green Urbanism (RP 582)
- People and the Environment (RP 587)
- Urban Design Studio (LA 604; permission of instructor)

Infield, Elisabeth M Professor of Regional Planning and Director of the PhD Program in Regional Planning and the Center for Resilient Metro Regions. B.A. in Business Administration, Cleveland State University; Masters of Management, Northwestern University; PhD in City and Regional Planning, University of Pennsylvania 1997. Teaches growth management, climate change planning, real estate planning and regional planning studio. Current research into the planning adaptation and mitigation of climate change impacts to local communities and sustainable community development.

Ryan, Robert L. Professor of Landscape Architecture and Regional Planning and Department Chair. Director of the Dual Degree MLA/MRP Program. B.S.L.A., California Polytechnic State University-San Luis Obispo, 1985; M.L.A. and M.U.P., University of Michigan, 1995; Ph.D. in Natural Resources and Environment, University of Michigan, 1997. Teaches courses in open space planning and research methods. Research interests include environmental psychology and landscape planning.

Eisenman, Theodore Associate Professor of Landscape Architecture. M.L.A. & M.P.S. in Natural Resource Management, Cornell University 2002; Ph.D. in City and Regional Planning, University of Pennsylvania. Primary research addresses the historical, scientific, cultural, and design bases of urban greening, defined as the introduction or conservation of outdoor vegetation in cities. Teaches studios & urban greening seminar.