

GEOGRAPHY AND PLANNING

SURP 855 Environmental Planning and Management



Contact Time	One 3 hour session per week	
Format	Lectures, guest presentations; in-class activities, group presentations	
Class Assessment	Class participation 15% In-Class exercises 20% Workshop presentation 35% Workshop Report 30%	

COURSE OVERVIEW

This course will examine theoretical, conceptual and practical matters arising from environmental planning and management. Tools and approaches discussed include watershed planning, the ecosystem approach, adaptive environmental management, public participation, land use planning and monitoring. The course will include lectures, videos, facilitated sessions and guest presentations to encourage discussion. Students will learn facilitation and negotiation techniques used by practitioners in environmental planning and management processes.

LEARNING OUTCOMES

- Upon successful completion of the course students will be able to:
 - Understand and be able to apply research and practice of leading-edge concepts and theory related to environmental planning and management.
 - Link main concepts of sustainability (integration, equity, efficiency, precaution, scale,) to improved environmental planning and management.
 - Understand the role (potential role) of the planner working in government, private sector and civil society in advancing environmental planning and management.
 - Understand how conflict, escalation, and the needs/values of different stakeholder groups in natural resource conflict impact environmental planning decisions.

COURSE TOPICS

- Topics include urban natural areas, forestry/woodlands, extraction, water, parks and protected areas in the context of environmental planning and management.

COURSE READINGS

Conrad, C., Hilchey, K. 2011. A review of citizen science and community-based environmental monitoring: issues and opportunities. *Environmental Monitoring and Assessment*, 176(1-4):273-91.

Murphy-Mills, E., Whitelaw, G., Conrad, C., & McCarthy, D. (2019). Exploring the current status of water governance and outcomes of community-based monitoring across the Oak Ridges Moraine, Southern Ontario, Canada. *Local Environment*, 24(9), 861–882. <https://doi.org/10.1080/13549839.2019.1652801>

Whitelaw, G., P. Eagles, R. Gibson and M. Seasons, 2008. Roles of environmental movement organizations in land-use planning: Case studies of the Niagara Escarpment and Oak Ridges Moraine, Ontario, Canada, *Environmental Planning and Management*, 51(6), 801-816.