

Short Course Learning Objectives (2008-2010)

Theme	2008 Objectives	2009 Objectives	2010 Objectives
Collaborative learning	Practice collaborative learning and sharing in a defined ecohealth project using the guiding questions of What? Why? For/with whom? How? When/Where?	Participants will be able to practice collaborative learning in a defined ecohealth case study.	Practice collaborative learning in an ecohealth project. Be comfortable interacting with people from differing backgrounds in dyads and in various group contexts.
Understanding and defining key concepts	Propose and justify their own working definition of the concepts ‘health’, ‘knowledge’, ‘ecosystems’, ‘ecosystem approaches to health’ and ‘ecohealth’ in a manner that reflects dynamic biogeophysical and social/cultural interrelationships.	Participants will be able to describe and demonstrate the importance and complexity of key concepts and justify their own working definition. Also, they will have the capacity to discuss these concepts in relation to time, scale and place.	Demonstrate an understanding of the relevance and complexity of ecosystem approaches to health and of related key concepts such as health; ecosystems; equity; gender; transdisciplinarity; participatory research; collaborative learning; stakeholder; development; sustainability; knowledge; objectivity; power. Be able to argue their own working definitions in relation to time, scale and place.
Pillars of ecohealth	Analyse the relative roles of the three pillars (transdisciplinarity, multistakeholder participation and social/gender equity) in ecosystem approaches to health.	Participants will be able to describe and enact the relative roles of the four proposed pillars in ecosystem approaches to health: Transdisciplinarity, Social/gender equity, Multiple stakeholder participation, Sustainability	Describe and critique the requirement for, and the relative roles of, the following proposed pillars in ecosystem approaches to health. Demonstrate how these pillars could be helpful in their own work. <ul style="list-style-type: none"> • Transdisciplinarity • Social and gender equity / justice • Participation • Sustainability

Complexity and research/policy	Explain and critique the role of research in understanding complex systems.	Participants will be able to discuss and illustrate particular challenges that complex ecohealth problems pose to research and policy AND design a process that accounts for some of these in the context of a case study.	Discuss and illustrate the particular challenges that complex ecohealth problems pose to research, action/intervention and policy in general and within one's own project and the case study.
Reflective practice	Develop their skills as reflective practitioners by reflecting on their experience, for example as learner in this course, comparing didactic, individual, case-based, field-based and team-based learning.	Participants will be able to develop and refine skills as reflective practitioners.	Practice critical thinking and reflection with regard to one's view of the world, choice of conceptual frameworks, roles, methods and actions. Reflect upon elements of one's ethical practice such as respect, reciprocity, relevance and responsibility.
Participatory research		Participants will be able to understand their role as a participatory researcher and stakeholder.	
Communication and Knowledge translation		Participants will be able to deepen their appreciation of the need to utilize multiple modes of communication in knowledge exchange	Express and justify the need to use multiple modes of communication. Practice different types of communication for different audiences.

Example of Short Course Schedule (2009)

Time	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
Morning	Opening Ceremonies	Mapping and Understanding spatial distribution	Bus to Case Study location	Harbour visit debrief	Group work, unstructured (preparing for stakeholder meeting).	Human Health and Assessing Human Health	Group Work (unstructured)	Social Networks	Group Work (unstructured)	Case Study Student Presentations and Discussions
	Go Fish Introductions		Visit Harbour, sense of place and data collection	Structuring stakeholder meetings (group work)	Introduction to assessing sustainability		Indigenous knowledges			
	Intro to Ecohealth									
	Lunch (provided)	Lunch + Film	Lunch on your own)	Lunch	Bus to Case Study locations	Lunch	Lunch	Lunch	Lunch	Lunch
Afternoon	CoPEH Introduction	Researcher as Participant	Bus Tour	Power and Equity	Stakeholder meeting	Complex systems theory, complexity and sale issues	Rich picture maps	Communication and Dissemination Workshops (2 rounds of concurrent sessions)	From Complexity to Policy	CoPEH-Canada Research and Evaluation
	Intro to Tools +logistic and individual									Fish post mortem (including reflective session)
	Reflective Practitioner	Introduction to case study		Intro to Individual Poster Project	Closing Circle ad Reception					
	Intro to Individual Poster Project									
Evening		Visit to Farm and Dinner (Presentations after)	Dinner at Arts and Heritage Centre (Presentations after)						Café Scientifique	