



**C-Change Community of Practice Meeting
Ottawa, October 29-31, 2012**

**Perth-Andover Case Study
Exercise: Problem Priorities**

Name: _____

Email: _____

Introduction - Pairwise Comparison Exercise

The purpose of this exercise is to set priorities for the top level criteria of the Perth-Andover decision problem for developing and evaluating strategies for flood response.

Task

Your task is to assign a weighting that reflects your best estimate of the relative importance of each of the Community Profile dimensions compared in pairs. This exercise is inspired by the Problem Formulation according to the Integrated Community Sustainability Plans (ICSP) 'pillars of sustainability'. The 4 four pillars of sustainability are: (1) Environmental; (2) Economic; (3) Social; and (4) Culture. In the following tables you are asked to mark a line on each of the boxes below that divides the pairs into relative values for the problem ("Perth-Andover flooding response"). As such there are 6 different pairwise comparisons to be made.

Your responses will be compiled and returned to you via email. The response will indicate: (1) the weighted priority of the pillars; and (2) a measure of the consistency of your responses.

Instructions

A response mark at the halfway point (5) between two pillars indicate that they are of *equal* relative importance to the problem and the community; a mark closer to the left indicates that the right pillar is relatively more important to the community and its problem. The 6 pairwise indicators are as follows:

		0	1	2	3	4	5	6	7	8	9	10	
1	Environmental												Economic
2	Environmental												Social
3	Environmental												Cultural
4	Economic												Social
5	Economic												Cultural
6	Social												Cultural

*C-Change Secretariat (Canada)
Telfer School of Management,
University of Ottawa
55 Laurier Avenue East
Ottawa ON K1N 6N5 Canada
Tel: (613) 562-5800 Post 2933
Email: Administrator@coastalchange.ca*

www.coastalchange.ca

*C-Change Secretariat (Caribbean)
c/o Sir Arthur Lewis Institute of
Social & Economic Studies (SALISES)
University of the West Indies, St. Augustine,
Trinidad and Tobago, West Indies
Telephone: (868) 662-6965
E-mail: Administrator@coastalchange.uwi.edu*