Services Supply Account: Group Exercise 1

Services Supply Database

EU	Extent (ha)	(C) Crop tonnes/year	(R) Recreation trips/year	(W) Water m^3/year	(S) Carbon Sequestration tonnes /ha/year	(S) Carbon Sequestration tonnes /year
EU01 = Herbaceous crops	500.0	18,700.0	500.0	600.0	20	
EU02 = Tree covered areas	262.5	0.0	1,500.0	500.0	30	
EU03 = Inland water bodies	68.8	0.0	1,600.0	15,000.0	5	
EU04 = Herbaceous crops	281.3				20	
EU05 = Tree covered areas	75.0				30	
EU06 = Artificial surfaces (urban)	56.3	0.0	500.0	500.0	0	
EU07 = Artificial surfaces (urban)	68.8	0.0	700.0	400.0	0	
EU08 = Shrubs..regularly flooded (wetland)	37.5	700.0	5,000.0	10,000.0	40	
EU09 = Inland water bodies	50.0				5	
EU10 = Tree covered areas	225.0				30	
EU11 = Herbaceous crops	175.0				20	
Total	**1,800.0**					

Instructions: (1) Calculate unknown services from nearest neighbour for (C), (R), W; e.g., Crop for EU04 = EU01/500*281

(2) Carbon, calculate from lookup table (S); e.g., Carbon for EU01 = 20*500)

(3) Calculate EAU Total for each service