CIDA Environmental Analysis Matrix

A matrix is a tool that can assist you in the more systematic identification of potential effects on environmental components of a project's planned activities. Please note that a stand-alone matrix cannot replace a descriptive and analytical text to further detail the identified environmental effects and their significance.

For each project activity (to be included in the left column), the aim is to identify the environmental elements and their characteristics (top rows) that may be influenced. This will help to identify a project's potential environmental effects. In the table, an X can be placed when an effect is possible. Symbols or text can also be included to characterize the significance of the potential environmental effects.

		Water					Soil				Air		Fauna and Flora		Habitat		Human Activities				
		Under-ground		Surface																	
		Quality	Quantity	Quality	Quantity	Hydrographic patterns	Quality/Fertility	Contamination	Drainage	Erosion	Quality	Noise and vibrations	Terrestrial	Aquatic	Terrestrial	Aquatic	Demography	Customs/lifestyle	Quality of life/health	Resource and soil issues	Economic activities
Preparation and construction																					
Operations/Exploitation																					