

Cumulative Effects

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Cumulative environmental effects can be defined as effects on the environment which are caused by the combined results of past, current and future activities.^[1] Over time, direct and indirect [human activities](#) combine to collectively impact the environment. These effects may differ from the original, individual activities. For example, ecosystems can be damaged by the combined effects of human activities, such as [air](#), [land](#), and/or [water pollution](#), improper handling of [industrial waste](#), and other human development activities. [Global warming](#) is the cumulative effect caused by too much [greenhouse gas](#), and it may then cause a loss in [biodiversity](#) and [acid rain](#).

Why Cumulative Effects

- Is the best western science description and definition out there that deals with community concerns
- Require Long term thinking and knowledge of how it was
- 7 Generations

Sewilkwe: Water, Columbia River Treaty,.

Tmicw: Land, Land Use Planning

Wmec: The energy sector, involves BC Hydro, Independent Power Producers, Ministry of Energy and Mines, and the Water Comptroller

Mining: Ministry of Energy and Mines, Environmental Assessment Office, Industry and the Canadian Environmental Assessment Office

Right of Way: Linear Developments, Ministry of Transportations and Infrastructure, CP Rail, BC Hydro, TELUS, Terasen,

Tourism: Involves Ministry of Jobs, Tourism and Skills Training, and the private sector, Ministry of Community, Sport and Cultural Development

Forestry: Ministry of Natural Resource Operations, Licensees, Strategic level decisions such as TSRs.

Fish & Wildlife; Involves process etcetera around Fish and Wildlife. Ministry of Forests, Lands and Natural Resource Operations, DFO and Private Industry.

Culture and Heritage; The Archaeology Branch of the British Columbia Ministry of Forests, Lands and Natural Resource Operations and proponents.

Major Projects for ALIB

| Project | |
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| Columbia River Treaty | |
| Harper Creek Mine Project | |
| Ruddock Creek Mine | |
| Specific Claims | |
| Trans Mountain/Kinder Morgan | |
| MOTI 4 Lining | |
| Lakes Division | |
| RFA | |
| Shuswap Watershed Council | |
| BC Hydro Generation & Transmission/IPP's | |
| Sun Peaks | |
| Jules-Wilson Case | |