

# Archaeological and Paleo-environmental Insights into the Post-Glacial Emergence of Land, Sea, Biota and People on the Pacific Coast of Canada.

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The last glacial maximum on the Pacific Coast of Canada was regionally and temporally variable. Between 23,000 and 19,500 years ago, conditions were warm enough to support animal and plant communities. During the time frame between 19,500 and 18,500 years ago, our knowledge of biota on the coast is scarce or absent. After 18,500 years ago, pollen records indicate that ice free conditions appeared first on outer coastal areas. By 14,500 years ago, inner coastal areas were ice free sustaining large mammal populations, anadromous fish and forest cover. We present recent results of our research program focussed on the timing of interstadial events, dynamics of sea level change, vegetation and animal community succession, and the appearance of culturally produced materials on the landscape.