

The Effects of Climate Change

SGang Gwaay World Heritage Site, Canada

September 12, 2016





Location

British Columbia, Canada

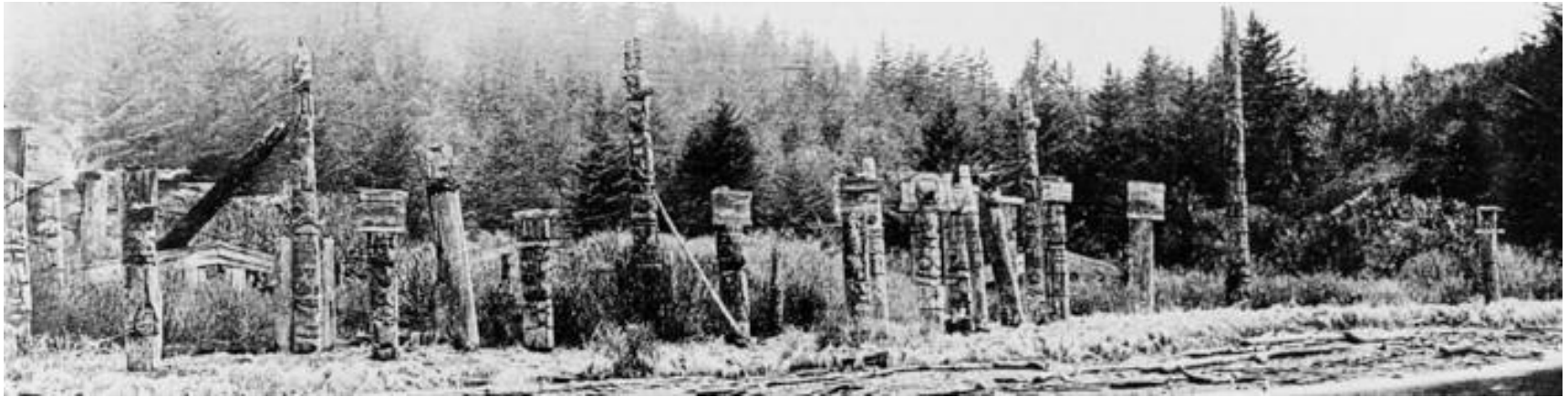


Haida Gwaii





SGang Gwaay LInagaay

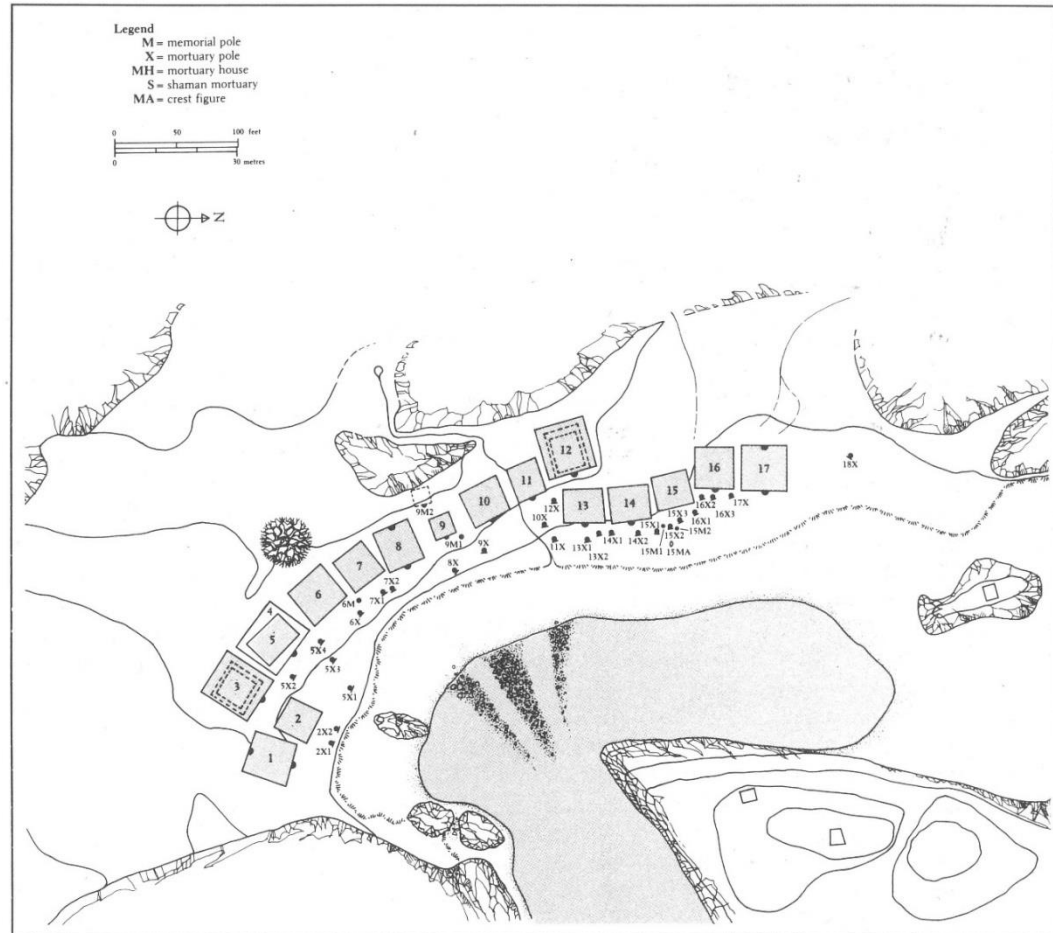




Site Detail

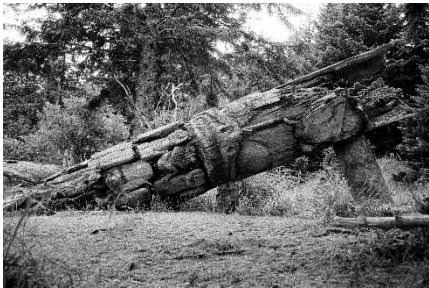


**Selection criteria
(iii)** - to bear a
unique or at least
exceptional
testimony to a
cultural tradition or
to a civilization
which is living or
which has
disappeared



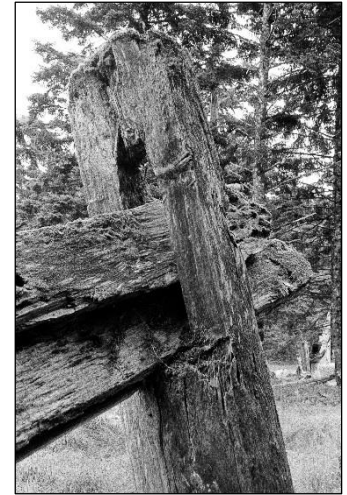
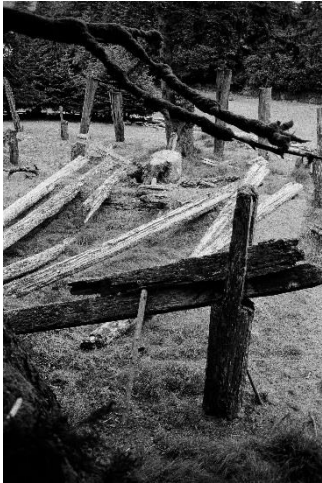


Totem Poles





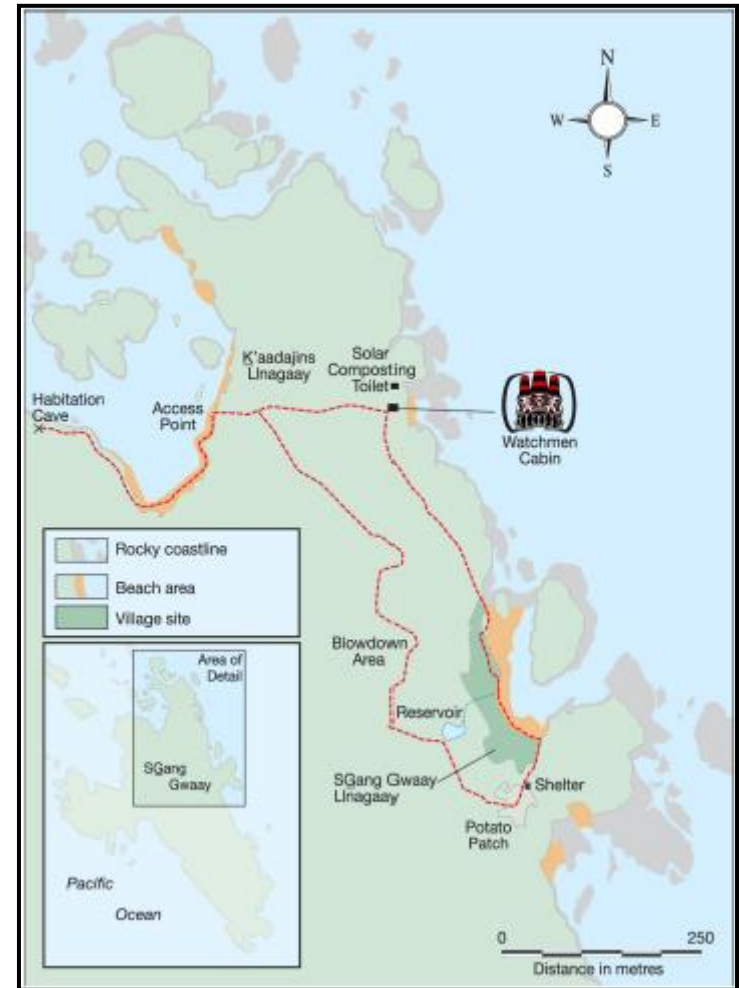
Structural Remains





Site Management

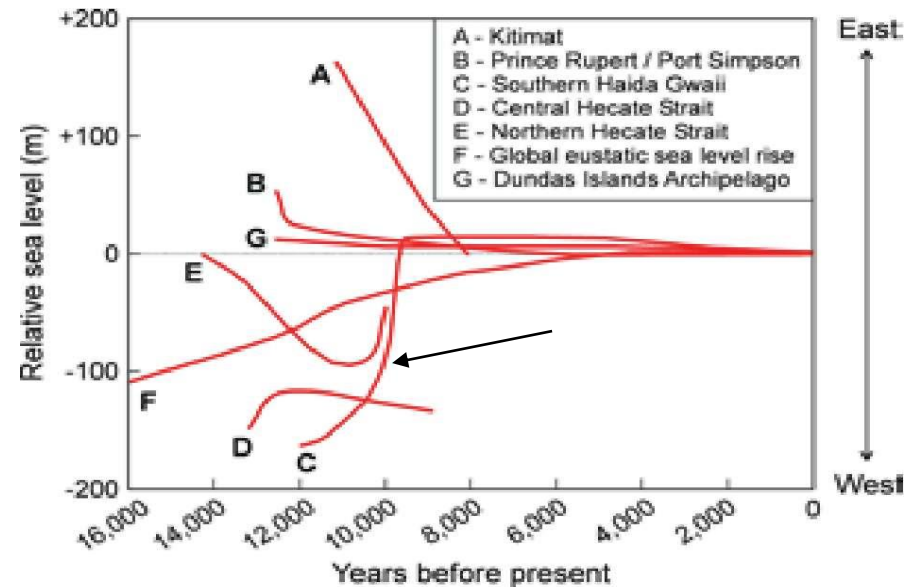
- Parks Canada & Haida Nation
- Watchmen Program
- Modest conservation efforts





Climate Change Indicators

- Extreme Weather Event Frequency
 - Storms
 - Extreme wind and rain
 - Worsening storm surges
- Sea-level Rise
 - Coastal Erosion
 - Flooding
- Higher Atmospheric and Ocean Temperatures
- Habitat Shifts
 - Droughts
 - Wildfires





Haida Views on Climate Change



- “As the water is rising we realize that this means dealing with global warming. The islands are being severely impacted as a result of what we have all done for many years... I wonder if we will have such places as SGang Gwaay for very much longer.” – Kii’iljuus (Barbara Wilson)
- “Because of climate change, there will be more storms on Haida Gwaii. There will be abnormal weather: longer hotter stretches and longer stormy stretches. All of our villages are coastal villages and there have already been effects from erosion coming into the roads and coastal properties. These changes are due to more storms, and once this is added to rising sea level it will be more harmful because people will have to relocate – Jaalen Edenshaw



SGang Gwaay Llnagaay & Climate Change

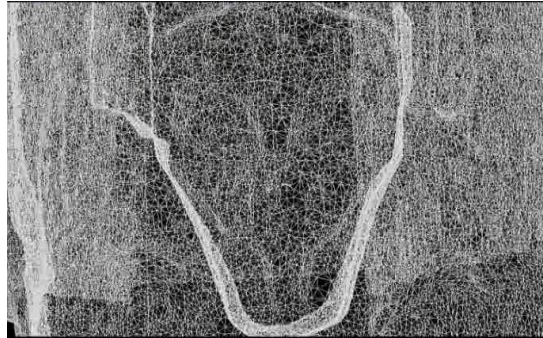
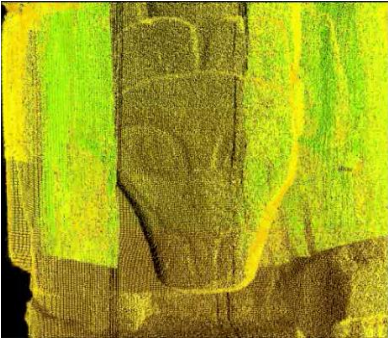


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Documentation by Record – 3D Scanning





Conclusions

