

To Fish or Not to Fish: Challenges of Managing Culturally and Ecologically Important Species (2014-3)

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The harvest, management, and cultural use of abalone have spanned millennia and geographies along the eastern Pacific. In Haida Gwaii, abalone hold special ecological, cultural, spiritual, economic, and historical significance. This case study will explore how this significance is communicated and interpreted within management decisionmaking. Students will read and interpret multiple sources of knowledge and synthesize these disciplinary and interdisciplinary perspectives into a common understanding of the abalone socio-environmental challenge. Students will grapple with how to make a management decision about abalone harvest within the context of complex cultural, legal, and scientific understandings of the issue.

Associated Project:

[Teaching Socio-Environmental Synthesis with Case Studies 2014](#) [1]

Resource File:

-  [Concept Map_Haida Gwaii.pdf](#) [2]
-  [Abalone Recovery Strategy.pdf](#) [3]
-  [AbaloneActionPlanMar2008.pdf](#) [4]
-  [DFO puts abalone project at risk Ha-Shilth-Sa Newspaper.pdf](#) [5]
-  [The Tyee - The Great Abalone Theft.pdf](#) [6]
-  [Haida Marine Knowledge Study_Vol 3.pdf](#) [7]
-  [Sloan 2003.pdf](#) [8]
-  [Haida Gwaii Teaching Notes_121814.pdf](#) [9]

Estimated time frame:

A few class periods/ unit within course

SES learning goals:

- Understand the structure and behavior of socio-environmental systems
- Consider the importance of scale and context in addressing socio-environmental problems
- Co-develop research questions and conceptual models in inter- or trans-disciplinary teams
- Find, analyze, and synthesize existing data, concepts, or methods

Has this been tested in the class room:

No

Source URL:

<https://www.sesync.org/to-fish-or-not-to-fish-challenges-of-managing-culturally-and-ecologically-important-species-2014-3>

Links

[1] <https://www.sesync.org/project/teaching-ses-case-studies-2014>

[2] https://www.sesync.org/system/tdf/resources/Concept%20Map_Haida%20Gwaii.pdf?file=1&type=node&id=9

44&force=

[3]

<https://www.sesync.org/system/tdf/resources/Abalone%20Recovery%20Strategy.pdf?file=1&type=node&id=944&force=>

[4]

<https://www.sesync.org/system/tdf/resources/AbaloneActionPlanMar2008.pdf?file=1&type=node&id=944&force=>

[5]

<https://www.sesync.org/system/tdf/resources/DFO%20puts%20abalone%20project%20at%20risk%20%20Ha-Shilth-Sa%20Newspaper.pdf?file=1&type=node&id=944&force=>

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[7]

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[9]

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