

Polar Regions Homework Reading Questions

CHAPTER 6:

- 1) What is the Antarctic Convergence? What is the temperature change associated with the AC?
- 2) What are the two main components of Arctic Ocean circulation? What dominant inflow and outflow sources are created by this circulatory pattern in the Arctic Ocean?
- 3) What are the stages in the formation of sea ice? Describe each stage. What are the types of ice that contribute to sea ice thickening?
- 4) What main factor keeps the Antarctic a more rich and diverse marine ecosystem than the Arctic marine ecosystem?