Module 05 – Reading Assignment 2 – Guide

**Walker-Springett, K., Jefferson, R., Böck, K., Breckwoldt, A., Comby, E., Cottet, M., ... & Wyles, K. (2016). Ways forward for aquatic conservation: Applications of environmental psychology to support management objectives. Journal of Environmental Management, 166, 525-536.**

Reading scientific journal articles is a bit different from other types of reading. First, you don’t necessarily read every scientific article from start to finish. Instead, you may focus on the sections that are most relevant to what you are trying to learn from the article (methods, results, discussion). Second, the figures (graphs, maps, illustrations, etc.) are often as important, or even more important, than the text in terms of understanding the results of the research. Use this guide to find relevant sections in the text and then write the notes on this page. This guide is not an assignment but a way to help guide you to the important information in the paper. One other thing to try your best to do, is to write in your own words or language. Copy and pasting will not help you understand the key concepts.

**Define or describe the relevant keywords:**

1. Community based conservation
2. Case studies
3. Typology or segment
4. Charismatic species
5. Heterogeneity of public perceptions
6. Hierarchy of Needs
7. Data-scarce management

**Questions (written in order that the sections appear in the paper).**

1. How does this paper describe environmental psychology? What was their source for this definition?
2. What was the purpose of this paper?
3. What methods were used in each of the case studies?
4. List and describe the human-nature typologies (Table1).
5. What is the problem with using ‘good’ water quality as a guide?
6. What was the primary finding between the responses given by experts and non-expert groups concerning physical characteristics of a stream? What are the implications of this finding?
7. Why is understanding the values and knowledge of an organism important? What can be done with this information?
8. What is the connection of the news media and public perceptions?
9. Why was a values-based appreciation focused on people's positive relationships with their  
   waterways offers a way of building public support in Queensland, Australia.
10. What is Attention Restoration Theory? How was this theory used to assess the impact of litter on peoples well-being and how they feel about their lives?
11. Provide a summarization of:
    1. Engaging stakeholders in management
    2. Engaging large and public audiences
    3. Balancing differing values of aquatic resources
    4. Understanding connections between society and aquatic systems