Looking at Science and Sustainability:

Use “**Loss of Biodiversity**” as the environmental issue in this paper.

One critical dimension of leadership in sustainability is how we relate with sciences. The issues of normal and post-normal science, uncertainty, ignorance and the ways that scientific data and “facts” don’t necessarily lead to agreement pose serious problems for those of us trying to lead change towards sustainability.

For this short paper, choose an environmental issue of your choice to demonstrate an analysis, using the above mentioned theoretical constructs and philosophical insights, drawing from our readings. The final paper should be 5 double-spaced pages (not counting cover sheet or references) using APA 6th format.

As with all assignments, you are strongly encouraged to keep notes on your process: questions, revelations, concerns, frustrations, etc. - to share with the group. Discussions are designed for you to integrate your investigations in an interactive format.

**References: (Only use the following references)**

* Funtowicz, S. & Ravetz, J. (2008). [Post-Normal Science](http://www.eoearth.org/article/Post-Normal_Science). In C. J. Cleveland (Ed.), *Encyclopedia of Earth*. Washington, D.C.: Environmental Information Coalition, National Council for Science and the Environment.
* Schneider, S. H., Turner, B. L., & Garriga, H. M. (1998). [Imaginable surprise in global change science](https://ezproxy.royalroads.ca/login?url=http://search.ebscohost.com.ezproxy.royalroads.ca/login.aspx?direct=true&db=eih&AN=7613474&site=ehost-live). *Journal of Risk Research*, 1(2), 165-185.
* Smithson, M. (1993). [Ignorance and science: Dilemmas, perspectives, and prospects](https://ezproxy.royalroads.ca/login?url=http://scx.sagepub.com/content/15/2/133). *Science Communication*, 15(2), 133-156.
* Sarewitz, D. (2004). [How science makes environmental controversies worse](https://ezproxy.royalroads.ca/login?url=http://www.sciencedirect.com/science/article/pii/S1462901104000620). *Environmental Science and Policy*, 7(5), 385-403.
* Clapp, R.A. & Mortenson, C. (2011). [Adversarial Science: Conflict Resolution and Scientific Review in British Columbia's Central Coast](https://ezproxy.royalroads.ca/login?url=http://dx.doi.org/10.1080/08941921003801505). *Society and natural resources*, 24(9), 902-916.
* Ravetz, J. (2005), The No Nonsense Guide to Science. Toronto. New International Publications.
* Don M Frick "Robert K. Greenleaf: A Life of Servant Leadership"
* Donella H. Meadows "Thinking in Systems: A Primer"