

Talk or poster presentation?	Talk
Language of the presentation	English
Title of the presentation (limited to 150 characters including spaces)	Weight of Evidence for Ecological Assessment
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Abstract (limited to 150 words)	Both systematic review (SR) and weight of evidence (WoE) inform inferences based on multiple pieces of evidence, but differ in their emphasis. SRs, such as those by Collaboration for Environmental Evidence, emphasize the assembly and summary of studies that address a question. WoE is an inferential assessment tool that determines the hypothesis that is best supported by the available and relevant evidence. Because of the importance of WoE in environmental management, the U.S. Environmental Protection Agency has developed guidelines to make inferences by WoE more transparent and defensible with a standard framework and associated processes. The guidelines also provide an ontology of WoE-related concepts. The three basic steps of the framework are: assemble evidence, weight the evidence, and weigh the body of evidence. Evidence is weighted for relevance, strength and reliability. WoE benefits from more systematic literature reviews and SR could benefit from more formal weighing of the evidence.
Required support for French/English translation (for talks)	I need support for French