

Talk or poster presentation?	Talk
Language of the presentation	English
Title of the presentation (limited to 150 characters including spaces)	Critical appraisal of studies in environmental management systematic reviews: the importance of assessing threats to validity
Author's name	Geoff Frampton
<ul style="list-style-type: none"> <li>• affiliation</li> </ul>	Southampton Health Technology Assessments Centre (SHTAC) Faculty of Medicine, University of Southampton
<ul style="list-style-type: none"> <li>• complete contact information</li> </ul>	Dr Geoff Frampton Southampton Health Technology Assessments Centre (SHTAC) Faculty of Medicine University of Southampton Alpha House Southampton Science Park Southampton SO16 7NS, UK Tel. +44 2380 599299
e-mail address	gkf1@soton.ac.uk
Abstract (limited to 150 words)	Critical appraisal is a key step in systematic reviews that, when conducted appropriately, should enable any threats to the validity of results obtained from the primary research studies included in the review to be identified and accounted for in the data synthesis step. However, critical appraisal in published environmental management systematic reviews is often conducted inconsistently, does not always focus on threats to validity, and does not always inform the review's data synthesis step. As such, the conclusions and recommendations from systematic reviews may not fully capture the treats to validity that may be present. To improve consistency in practice, the current presentation explains and illustrates the types of validity that should be assessed for each study included in an environmental management systematic review (internal validity, external validity, statistical conclusion validity) and illustrates good practice in how critical appraisal assessment should inform the data synthesis step of a systematic review.
Required support for French/English translation (for talks)	Yes if presentation needs to be translated into French