

Revised Effectiveness Study Topic Idea Ranking Criteria

Proposed and utilized by the SWG Effectiveness Study Selection Subgroup
July 14, 2011

On June 29, 2011, after discussing the study topic ideas that were submitted and considering how to best move forward to recommend a list of topics to Ecology to include in the October formal draft municipal stormwater permits, the subgroup reviewed the draft criteria dated February 11, 2011 and the comments received by interested parties. On July 14 the subgroup met again to apply the criteria to all of the grouped and categorized ideas and made further adjustments to the criteria and devised a scoring rubric.

Note that we made former (Feb) criterion 1 of 4 mandatory for inclusion in the ranking process (the topic is relevant to municipal stormwater permit requirements), and deferred former criterion 2 of 4 for the RFP process (a testable hypothesis is presented). The subgroup did a partial cross-walk the literature review results with the ranked list and will continue to do this in July-August.

- 1) 40 points: The question is regional in nature and is of interest to a large number of local governments.
 - a. 30 points: The question was posed by a large number of permittees
 - b. 10 points: Other entities could utilize the information
- 2) 60 points: The answer to the question can be applied to adaptive management of stormwater management programs. Changes to specific management actions are expected to occur. The study will tell us whether a Stormwater Management Program element effectively addresses an important stormwater-related threat or impact in a receiving water body.
 - a. 20 points: The study will generate results that are transferable to other locations with similar conditions. The practice could be, or is being, applied throughout western Washington and/or the resulting information will apply to a large proportion (area and/or population) of western Washington.
 - b. 20 points: The study generates results that could have a significant ecological impact.
 - c. 10 points: The application of this practice is resource intensive.
 - d. 10 points: The study quantifies improvements to program implementation, water quality, biota, or public awareness.

These are the numeric criteria that were applied to the compiled list of study topics.

	1a (20 pts) many submitters asked	1b (10 pts) others could use info	2a (20 pts) geographic impact	2b (20 pts) ecological impact	2c (20 pts) resource intense practice	2d (10 pts) applicability to management practice improvements
<i>High</i>	1 point per entity up to 20	10 points = all	20 points = widely transferable and applicable to large proportion of WWa	20 points = addresses multiple stressors; study is focused on understanding whether improving ecological condition	20 points = the application of this practice is or will be resource intensive	10 points = The question quantifies improvements to program implementation
<i>Medium</i>	1 point per entity up to 20	7 points = many	13 points = transferable and applicable to <u>moderate</u> proportion of WWa	13 points = addresses a limited # of stressors; important practice for multiple stressors but study not focused on ecological factors	12 points = the application of this practice is or will be <u>somewhat</u> resource intensive	7 points = the question <u>may</u> quantify improvements to public awareness or other resource management approaches.

Low

1 point per entity up to 20	3 points = few	6 points = <u>limited</u> in transferability to WWa	6 points = important practice for limited stressors but study not focused on ecological factors	6 points = the application of this practice <u>is or will not be</u> resource intensive	3 points = the study is <u>too narrowly or broadly focused to improve management practices</u>
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