

Table 3b Index performance evaluation criteria for some integrated pollution indices as applied for MPI

Criteria	MPI	Indices performance evaluation criteria:
Representativity	1	This is the capacity to provide a spatially representative picture of the environmental states and the associated impacts.
Comparability	1	This involves the existence of a target level or threshold against which to compare it so that users are able to evaluate the significance of the values associated with it.
Sensitivity and Robustness	1	This involves the responsiveness to change in the environment.
Credibility	2	This provides a good theoretical basis in technical and scientific terms
Acceptability	2	This gives information about an acceptable levels of uncertainty
Simplicity	3	This provides the ease of calculation and interpretation.

Note: Sarala and Sabitha (2012), Caeiro et al. (2005)