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# Data Associated with A Simplified Approach to Stakeholder Engagement in Natural Resource Management: The Five-Feature Framework

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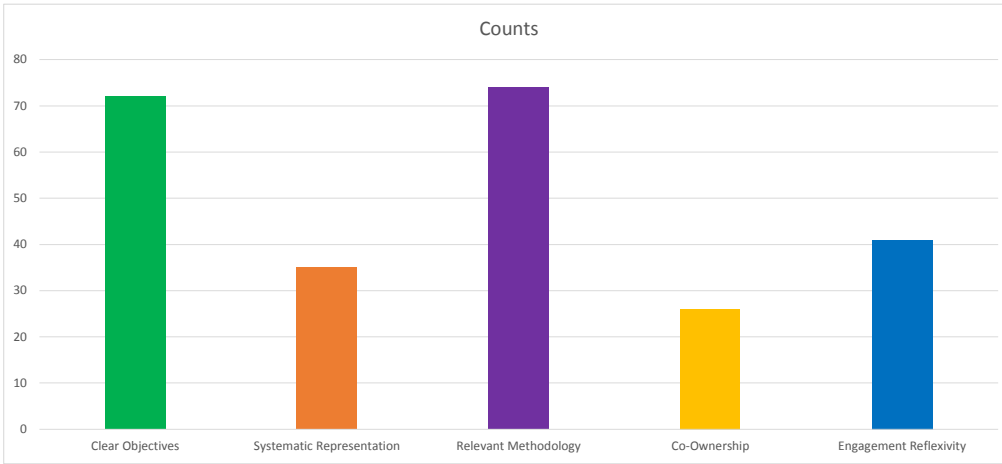
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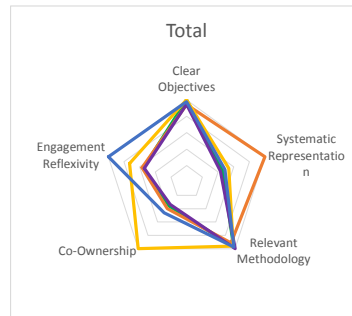
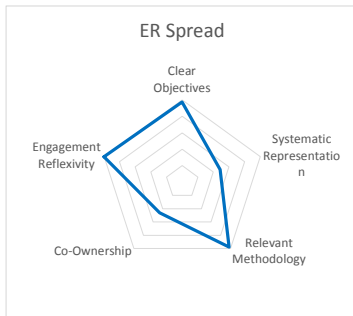
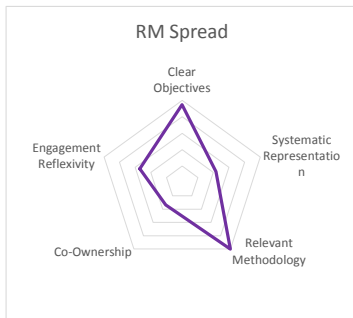
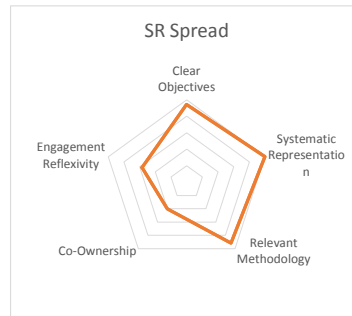
Round	APA Citation	Clear Objectives	Systematic Representation	Relevant Methodology	Co-Ownership	Engagement Reflexivity	Geography	Reject?	Comments
1	Adams, V. M., Pressey, R. L., & Stoeckl, N. (2014). Navigating trade-offs in land-use planning: Integrating human well-being into objective setting. <i>Ecology and Society</i> , 19(4). <a href="http://dx.doi.org/10.5753/ES-07168-190403">http://dx.doi.org/10.5753/ES-07168-190403</a>	1	0	1	1	0	Australia	0	
1	Allen, W., Oghive, S., Blackie, H., Smith, D., Sam, S., Doherty, J., Eason, C. (2013). Bridging Disciplines, Knowledge Systems and Cultures in Pest Management. <i>Environmental Management</i> , 51(2), 429-440. <a href="http://dx.doi.org/10.1007/s00267-013-0180-y">http://dx.doi.org/10.1007/s00267-013-0180-y</a>	1	0	1	0	1	New Zealand	0	
1	Anderson, M. G., Holcombe, E., Esquivel, M., Toro, J., & Ghesquiere, F. (2010). The Efficacy of a Programme of Landslide Risk Reduction in Areas of Unplanned Housing in the Eastern Caribbean. <i>Environmental Management</i> , 45(4), 807-821. <a href="http://doi.org/10.1007/s00267-010-9411-4">http://doi.org/10.1007/s00267-010-9411-4</a>	0	0	1	0	0	Caribbean	0	
1	Anderson-Skold, Y., Bardos, P., Chalot, M., Bert, V., Cruviu, G., Phanthavongsa, P., ... Cundy, A. B. (2014). Developing and validating a practical decision support tool (DST) for biomass selection on marginal land. <i>Journal of Environmental Management</i> , 145(0), 113-121. <a href="http://dx.doi.org/10.1016/j.jenvman.2014.06.012">http://dx.doi.org/10.1016/j.jenvman.2014.06.012</a>	1	0	0	0	1	Sweden	0	
1	Apostolopoulou, E., Drakou, E. G., & Pedadioti, K. (2012). Participation in the management of Greek Natura 2000 sites: Evidence from a cross-level analysis. <i>Journal of Environmental Management</i> , 113(0), 308-318. <a href="http://dx.doi.org/10.1016/j.jenvman.2012.09.006">http://dx.doi.org/10.1016/j.jenvman.2012.09.006</a>	1	1	1	0	0	Greece	0	
1	Azeiteiro, J., Sanó, M., Medina, R., & Juanes, J. (2012). Improving public engagement in ICZM: A practical approach. <i>Journal of Environmental Management</i> , 109(0), 123-135. <a href="http://dx.doi.org/10.1016/j.jenvman.2012.05.006">http://dx.doi.org/10.1016/j.jenvman.2012.05.006</a>	1	1	1	0	1	Spain	0	
1	Arnold, J. S., Koro-Ljungberg, M., & Bartels, W.-L. (2012). Power and Conflict in Adaptive Management: Analyzing the Discourse of Riparian Management on Public Lands. <i>Ecology and Society</i> , 17(1). <a href="http://dx.doi.org/10.5753/ES-04036-170119">http://dx.doi.org/10.5753/ES-04036-170119</a>	1	0	1	0	1	Southwestern US	0	
1	Aulron, C., Guerin, G., Gallan, B., & Mouslin, C.-H. (2013). Drawing together the knowledge of forestry and pastoralism experts in the construction of a technical support tool for silvopastoralism. <i>Journal of Environmental Management</i> , 117(0), 162-171. <a href="http://dx.doi.org/10.1016/j.jenvman.2012.12.041">http://dx.doi.org/10.1016/j.jenvman.2012.12.041</a>	1	0	1	1	1	France	0	Close to being rejected - are they engaging sb?
1	Baldwin, C., & Ross, H. (2012). Bridging Troubled Waters: Applying Consensus-Building Techniques to Water Planning. <i>Society &amp; Natural Resources</i> , 25(3), 217-234. <a href="http://dx.doi.org/10.1080/08941920.2011.578120">http://dx.doi.org/10.1080/08941920.2011.578120</a>	1	1	1	1	1	Australia	0	I particularly like the idea of co-management, rather than
1	Bawole, J. N. (2013). Public Hearing or "Hearing Public"? An Evaluation of the Participation of Local Stakeholders in Environmental Impact Assessment of Ghana's Jubilee Oil Fields. <i>Environmental Management</i> , 52(2), 385-397. <a href="http://dx.doi.org/10.1007/s00267-013-0086-9">http://dx.doi.org/10.1007/s00267-013-0086-9</a>	1	1	1	0	0	Ghana	0	
1	Berg, H. A. V. D., Riley, S. J., & Dann, S. L. (2011). Conservation Education for Advancing Natural Resources Knowledge and Building Capacity for Volunteerism. <i>Society &amp; Natural Resources</i> , 24(3), 205-220. <a href="http://dx.doi.org/10.1080/08941920.2010.500626">http://dx.doi.org/10.1080/08941920.2010.500626</a>	1	0	1	0	0	Michigan	0	
1	Bonnell, J. E., & Koontz, T. M. (2007). Stumbling Forward: The Organizational Challenges of Building and Sustaining Collaborative Watershed Management. <i>Society &amp; Natural Resources</i> , 20(12), 153-167. <a href="http://dx.doi.org/10.1080/08941920601024212">http://dx.doi.org/10.1080/08941920601024212</a>	1	0	1	0	0	Miami	0	
1	Bracken, L. J., Bulkeley, H. A., & Whitman, G. (2015). Transdisciplinary research: understanding the stakeholder perspective. <i>Journal of Environmental Planning and Management</i> , 58(7), 1291-1308. <a href="http://dx.doi.org/10.1080/09646568.2014.921596">http://dx.doi.org/10.1080/09646568.2014.921596</a>	1	0	1	1	0	UK	0	
1	Bremer, L. L., Delevaux, J. M. S., Leary, J. L. K., Cox, L. I., & Olsson, K. L. L. (2015). Opportunities and Strategies to Incorporate Ecosystem Services Knowledge and Decision Support Tools into Planning and Decision Making in Hawaii. <i>Environmental Management</i> , 55(6), 884-899. <a href="http://dx.doi.org/10.1007/s00267-014-0426-4">http://dx.doi.org/10.1007/s00267-014-0426-4</a>	1	1	1	0	0	Hawaii	0	
1	Brown, G., & Donovan, S. (2014). Measuring Change in Place Values for Environmental and Natural Resource Planning Using Public Participation GIS (PPGIS): Results and Challenges for Longitudinal Research. <i>Society &amp; Natural Resources</i> , 27(1), 36-54. <a href="http://dx.doi.org/10.1080/08941920.2013.849021">http://dx.doi.org/10.1080/08941920.2013.849021</a>	1	0	1	0	0	Alaska	0	
1	Burger, J., Gochfeld, M., Powers, C. W., Kossion, D. S., Halverson, J., Selanies, G., ... Barnes, D. (2007). Scientific research, stakeholders, and policy: Continuing dialogue during research on radionuclides on Amchitka Island, Alaska. <i>Journal of Environmental Management</i> , 85(1), 232-244. <a href="http://dx.doi.org/10.1016/j.jenvman.2006.10.007">http://dx.doi.org/10.1016/j.jenvman.2006.10.007</a>	1	0	1	1	1	Alaska	0	
1	Buys, L., Mengersen, K., Johnson, S., van Baaren, N., & Chauva, A. (2014). Creating a Sustainability Scorecard as a predictive tool for measuring the complex social, economic and environmental impacts of industries, a case study: Assessing the viability and sustainability of the dairy industry. <i>Journal of Environmental Management</i> , 133(0), 184-192.	1	0	1	0	0	Australia	0	
1	Caves, J. K., Bodner, G. S., Simms, K., Fisher, L. A., & Robertson, T. (2013). Integrating Collaborator, Adaptive Management, and Scenario-Planning: Experiences at Las Cienegas National Conservation Area. <i>Ecology and Society</i> , 18(3). <a href="http://dx.doi.org/10.5753/ES-05749-180343">http://dx.doi.org/10.5753/ES-05749-180343</a>	1	0	1	1	1	Arizona	0	
1	Cetner, A., Ashley, R., Hedström, A., & Viklander, M. (2014). Assessing receptivity for change in urban stormwater management and contexts for action. <i>Journal of Environmental Management</i> , 146(0), 29-41. <a href="http://dx.doi.org/10.1016/j.jenvman.2014.07.004">http://dx.doi.org/10.1016/j.jenvman.2014.07.004</a>	1	1	1	0	0	Sweden	0	
1	Cocklin, C., Mautner, N., & Döbden, J. (2007). Public policy, private landholders: Perspectives on policy mechanisms for sustainable land management. <i>Journal of Environmental Management</i> , 85(6), 988-998. <a href="http://dx.doi.org/10.1016/j.jenvman.2006.11.009">http://dx.doi.org/10.1016/j.jenvman.2006.11.009</a>	1	0	1	0	1	Australia	0	
1	Cotton, M. D., & Mahroos-Abalari, A. A. (2015). Key actor perspectives on stakeholder engagement in Omani Environmental Impact Assessment: an application of Q-Methodology. <i>Journal of Environmental Planning and Management</i> , 58(1), 93-112. <a href="http://dx.doi.org/10.1080/09646568.2013.847822">http://dx.doi.org/10.1080/09646568.2013.847822</a>	0	1	0	0	0	Oman	0	
1	Curry, R., Barry, J., & McClenaghan, A. (2013). Northern Wisdom? Applying Q methodology to understand stakeholder views on the environmental and resource dimensions of sustainability. <i>Journal of Environmental Planning and Management</i> , 56(5), 624-649. <a href="http://dx.doi.org/10.1080/09646568.2012.693453">http://dx.doi.org/10.1080/09646568.2012.693453</a>	1	1	1	0	0	UK/Ireland	0	Q methodology is focus of piece: most cheerleading, not interesting article on ERA but little to no discussion of representation
1	Dana, G. V., Kausarinski, A. R., & Donaldson, J. S. (2012). Integrating diverse scientific and practitioner knowledge in ecological risk analysis: A case study of biodiversity risk assessment in South Africa. <i>Journal of Environmental Management</i> , 98(0), 134-146. <a href="http://dx.doi.org/10.1016/j.jenvman.2011.12.021">http://dx.doi.org/10.1016/j.jenvman.2011.12.021</a>	1	0	1	1	0	South Africa	0	
1	Daron, J. D., & Colenbrander, D. R. (2014). A critical investigation of evaluation matrices to inform coastal adaptation and planning decisions at the local scale. <i>Journal of Environmental Planning and Management</i> , 57(1), 1-21. <a href="http://dx.doi.org/10.1080/09646568.2014.879818">http://dx.doi.org/10.1080/09646568.2014.879818</a>	1	0	1	0	1	South Africa	0	
1	De Lange, W. J., Stafford, W. H. L., Forsyth, G. G., & Le Maître, D. C. (2012). Incorporating stakeholder preferences in the selection of technologies for using invasive alien plants as a bio-energy feedstock: Applying the analytical hierarchy process. <i>Journal of Environmental Management</i> , 99(0), 76-83. <a href="http://dx.doi.org/10.1016/j.jenvman.2012.01.014">http://dx.doi.org/10.1016/j.jenvman.2012.01.014</a>	0	0	1	0	1	Scotland	0	
1	Doody, D. G., Anghofer, M., Fay, K. H., & Flynn, R. (2012). Approaches to the implementation of the Water Framework Directive: Targeting mitigation measures at critical source areas of diffuse phosphorus in Irish catchments. <i>Journal of Environmental Management</i> , 93(1), 222-234. <a href="http://dx.doi.org/10.1016/j.jenvman.2011.09.002">http://dx.doi.org/10.1016/j.jenvman.2011.09.002</a>	1	0	1	0	0	Ireland	0	
1	Eshwari, S., Gutbaume, J. H. A., Filatova, T., Root, J., & Jakeman, A. J. (2015). A methodology for eliciting, representing, and analysing stakeholder knowledge for decision making on complex socio-ecological systems: From cognitive maps to agent-based models. <i>Journal of Environmental Management</i> , 151(0), 500-516.	1	1	1	0	1	Australia	0	

	Articles Reviewed	Accepted	Rejected	Clear Objectives	Systematic Representation	Relevant Methodology	Co-Ownership	Engagement Reflexivity
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Total	170	79	91	72	35	74	26	41
%	100.00%	46.47%	53.53%	91.14%	44.30%	93.67%	32.91%	51.90%



CO Spread	n/a	n/a	n/a	72	33	70	26	40
CO %				100.00%	45.83%	97.22%	36.11%	55.56%
SR Spread	n/a	n/a	n/a	33	35	32	14	20
SR %				94.29%	100.00%	91.43%	40.00%	57.14%
RM Spread	n/a	n/a	n/a	70	32	74	25	40
RM %				94.59%	43.24%	100.00%	33.78%	54.05%
OW Spread	n/a	n/a	n/a	26	14	25	26	19
OW %				100.00%	53.85%	96.15%	100.00%	73.08%
ER Spread	n/a	n/a	n/a	40	20	40	19	41
ER %				97.56%	48.78%	97.56%	46.34%	100.00%

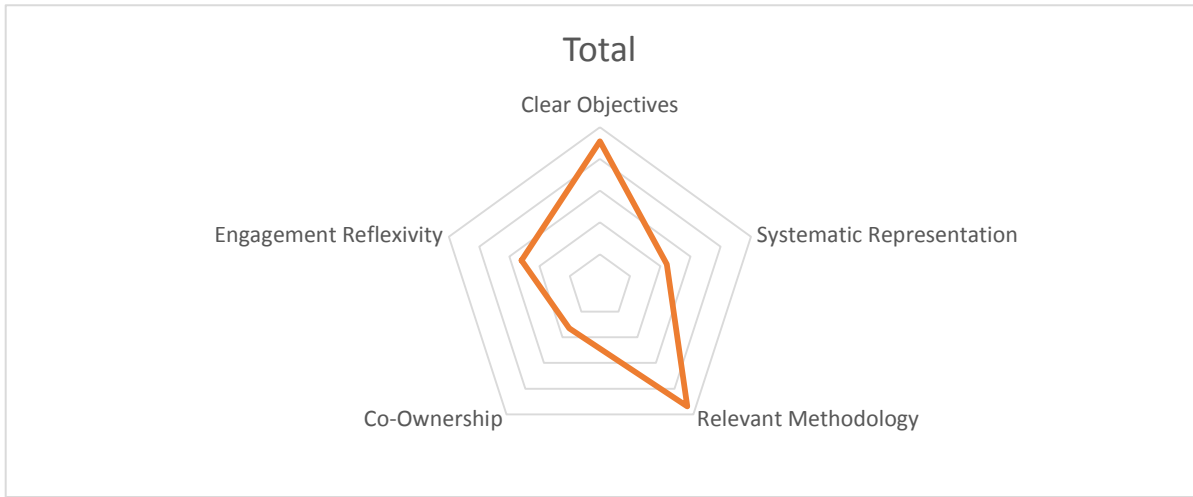


Engagem  
Reflexiv

Co-O

<b>Title</b>	<b>Impact Factor</b>	<b># of Stakeholder/ Engagement Results</b>
Journal of Environmental Management	3.188	202
Ecology and Society	2.669	268
Environmental Management	1.648	123
Journal Of Environmental Planning and Management	1.455	331
Society and Natural Resources	1.065	397
Total	n/a	1321

<b># of Stakeholder Engagemenet"</b>	<b># of Case Studies</b>
66	30
9	5
33	17
40	14
22	13
170	79



<b>Clear Objectives</b>	<b>Systematic Representation</b>	<b>Relevant Methodology</b>	<b>Co-Ownership</b>	<b>Engagement Reflexivity</b>
72	35	74	26	41
91.14%	44.30%	93.67%	32.91%	51.90%

Clear Objectives	Systematic Representation	Relevant Methodology	Co-Ownership	Engagement Reflexivity	Geography	Reject?
1	0	1	1	0	Australia	0
1	0	1	0	1	New Zealand	0
0	0	1	0	0	Caribbean	0
1	0	0	0	1	Sweden	0
1	1	1	0	0	Greece	0
1	1	1	0	1	Spain	0
1	0	1	0	1	Southwestern US	0
1	0	1	1	1	France	0
1	1	1	1	1	Australia	0
1	1	1	0	0	Ghana	0
1	0	1	0	0	Michigan	0
1	0	1	0	0	Miami	0
1	0	1	1	0	UK	0
1	1	1	0	0	Hawaii	0
1	0	1	0	0	Alaska	0
1	0	1	1	1	Alaska	0
1	0	1	0	0	Australia	0
1	0	1	1	1	Arizona	0
1	1	1	0	0	Sweden	0
1	0	1	0	1	Australia	0
0	1	0	0	0	Oman	0
1	1	1	0	0	UK/Ireland	0
1	0	1	1	0	South Africa	0
1	0	1	0	1	South Africa	0
0	0	1	0	1	Scotland	0
1	0	1	0	0	Ireland	0
1	1	1	0	1	Australia	0