

**Good Management Practices in Caves
ASSESSMENT FORM**
(based on Protected Area Management Effectiveness Tracking Tool)

Good Practice	Evaluation Criteria	Score <i>(Tick only one box per question)</i>		Comment/Explanation	Next steps
<p>1. Conservation/ Protection Measure in Place</p> <p>Is the cave protected or declared as a conservation area through a policy, ordinance or resolution (or in the case of caves within or with entrance within private land, is it covered by a memorandum of agreement or similar instrument)?</p> <p>CONTEXT</p>	<p>The cave is not protected/conserved/under an agreement.</p> <p><i>Note: A cave within a protected area is not automatically protected unless with PAMB Resolution.</i></p>	0			
	<p>There is agreement that the cave should be protected/conserved/under an agreement but the process has not yet begun.</p> <p>Key features (e.g. trigger species, archaeological, historical, geological, paleontological values) to be protected identified and agreed upon by local government, RCC/PCC and/or DENR.</p>	1			
	<p>The cave is in the process of being protected/conserved/under an agreement but the process is still incomplete</p> <p><i>Note: Caves which have not undergone and passed through public consultation/stakeholder meeting can only score a maximum of 2.</i></p>	2			
	<p>The cave has been formally placed under protection.</p> <p>(Republic Act, Presidential Proclamation, RCC/PAMB Resolution, local [municipal/provincial] ordinance, MOA)</p>	3			
<p>2. Cave regulations in place</p> <p>Are appropriate regulations in place to control use and activities (e.g. guano extraction)?</p>	<p>There are no regulations for controlling use and activities inside and outside the immediate vicinity of the cave.</p> <p>Only laws are those generally applicable throughout the country (Caves Act and its IRR, etc.)</p>	0			
	<p>Some regulations for controlling use and activities in the cave and vicinities exist but there are major weaknesses.</p> <p>There are regulations specific for the area but these do not address the key threats to cave key features (values).</p>	1			

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PLANNING	<p>Regulations for controlling use and activities in the cave area exist but there are some weaknesses or gaps.</p> <p>There are regulations specific for the cave, and key threats to its key features but are not based upon carrying capacity for extraction & pollution.</p>	2			
	<p>Regulations for controlling inappropriate use and activities in the cave exist and provide an excellent basis for management.</p> <p>There are regulations specific for the area, and key threats to its key features and based upon carrying capacity (e.g. extraction, pollution, degradation of geologic formations).</p>	3			
<p>3. Effective law enforcement</p> <p>Can staff (i.e. those with responsibility for managing the site) enforce cave rules well enough?</p> <p>INPUT</p>	<p>The staff has no effective capacity/resources to enforce cave legislation and regulations</p> <p>No staff other than PASu (for caves within PA), no training, and/or no budget.</p>	0			
	<p>There are major deficiencies in staff capacity/resources to enforce cave legislation and regulations (e.g. lack of skills, no patrol budget, lack of institutional support).</p> <p>Presence of fulltime technical staff, an enforcement plan, budget and equipment, systematic monitoring and reporting.</p>	1			
	<p>The staff has acceptable capacity/resources to enforce cave legislation and regulations but some deficiencies remain.</p> <p>Presence of trained fulltime technical staff and at least one (1) deputized enforcer (= volunteers) per area greater than 500 hectares, an enforcement plan, budget and equipment, systematic monitoring and reporting.</p> <p><i>(Note: An updated deputization order/ paper should be provided).</i></p>	2			

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	<p>The staff has excellent capacity/resources to enforce cave legislation and regulations.</p> <p>Presence of trained fulltime technical staff and at least one (1) deputized enforcer (= volunteers) per 500 hectares or less, an enforcement plan, budget and equipment, systematic monitoring and reporting.</p> <p><i>(Note: An updated deputization order/ paper should be provided).</i></p>	3			
<p>4. Conservation objectives met</p> <p>Is management undertaken according to agreed objectives?</p> <p>PLANNING</p>	<p>No firm objectives have been agreed for the cave.</p> <p>The cave has agreed objectives, but is not managed according to these objectives.</p> <p>The objectives in the CMP are specific and quantified in terms of special features, bio-physical (species populations/ecosystem benefits), and socio-economic outcomes as appropriate. Less than 50% of WFP and available staff and budget are addressing the key priorities of the CMP.</p> <p>The cave has agreed objectives, but is only partially managed according to these objectives.</p> <p>The objectives in the CMP are specific and quantified in terms of special features, bio-physical (species populations/ecosystem benefits), and socio-economic outcomes as appropriate. At least 50% of WFP and available staff and budget are addressing the key priorities of the CMP.</p> <p>The cave has agreed objectives and is managed to meet these objectives.</p> <p>The objectives in the CMP are specific and quantified in terms of special features, bio-physical (species populations/ecosystem benefits), and socio-economic outcomes as appropriate. At least 70% of WFP and available staff and budget addressing the key priorities of the CMP.</p>	0		<p><i>Basis for scoring is the Cave Management Plan (CMP). Need to ask if there are objectives in the plan(s) and if these are being implemented. Basis for evaluating implementation is the WFP.</i></p>	
	1				
	2				
	3				

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<p>5. Extent and zones identified</p> <p>Are the extent (all entrances and exits) known and zones identified/designated?</p>	<p>The extent and zones of the cave is not known by the management authority or local residents/neighbouring land users.</p>	<p>0</p>			

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	<p>The extent and zones of the cave is known by the management authority but is not known by local residents/neighbouring land users</p> <p>Managers can describe the boundary landmarks in the field (i.e., terrestrial: landmarks; marine: technical description)</p>	1			
	<p>The extent and zones of the cave is known by both the management authority and local residents/neighbouring land users but is not appropriately demarcated.</p> <p>Signs exist at major entry points and boundaries are based upon landmarks in the field (i.e., terrestrial: landmarks; marine: technical description).</p>	2			
	<p>The extent and zones of the cave is known by the management authority and local residents/neighbouring land users and is appropriately demarcated.</p> <p>Perimeter is clearly demarcated (i.e., for marine, technical description are visible from jump-off points/landward side).</p>	3			
<p>6. Conservation of key features highlighted in the management plan</p> <p>· Is the management plan (if any) focused on the conservation and protection of caves and its resources?</p>	<p>There is a management plan but does not focus on the conservation and protection of cave and its resources.</p> <p>The management plan focuses more on the development of the area, such as installation of facilities for tourism.</p>	0			

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	The conservation and protection of cave and its resources included in the management plane is limited to IEC intended to promote the conservation of caves and features therein	1			
	There is an on-going formulation of legislation i.e., barangay ordinances with provisions on rules and regulations that would promote conservation and protection of cave and its resources.	2			
	There is an existing legislation with the assignment of personnel that would ensure strict implementation of the rules and regulations as stated in the law.	3			
7. Management plan adopted	There is no management plan for the cave. The management plan is still being prepared.	0			
Is there a management plan and is it being implemented?	A management plan has been prepared but is not being implemented. Management plan has been officially adopted.	1			
PLANNING	A management plan exists but it is only being partially implemented because of funding constraints or other problems. The highest priority activities of the official management plan are being implemented.	2			
	A management plan exists and is being implemented. At least 70% of the activities (including all high priority activities) of the official management plan are being implemented.	3			
Additional points: Planning					

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7a. Operations Manual		+1			
7b. Enforcement Manual		+1			
7c. Business/investment plan		+1			
<p>8. Regular work plan (Annual WFP) implemented</p> <p>Is there a regular work plan and is it being implemented?</p> <p>PLANNING</p>	<p>No regular work plan exists</p> <hr/> <p>A regular work plan exists but few of the activities are implemented. Less than 50% of WFP is implemented.</p> <hr/> <p>A regular work plan exists and many activities are implemented. At least 50% of WFP activities (including priority activities) is implemented.</p> <hr/> <p>A regular work plan exists and all activities are implemented. At least 70% of WFP activities (including priority activities) is implemented</p>	0			
<p>9. Baseline assessment completed</p> <p>Do you have enough information to manage</p>	<p>There is little or no information available on the critical habitats, species and cultural values of the cave. <i>If information is more than 10 years and have not been updated.</i></p> <hr/> <p>Information on the critical habitats, species, ecological processes and cultural values of the cave is not sufficient to support planning and decision making.</p>	0		<p><i>Basis for assessment if the cave assessment is sufficient and whether information feeds into planning and decision making for biodiversity observation and cavemanagement.</i></p>	
		1			

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<p>the area?</p> <p>Please attach copy of the inventories</p> <p>INPUT</p>	<p>Information on the critical habitats, species, ecological processes and cultural values of the cave is sufficient for most key areas of planning and decision making.</p>	2			
	<p>Information on the critical habitats, species, ecological processes and cultural values of the cave is sufficient to support all areas of planning and decision making</p>	3			
<p>10. Protection systems in place</p> <p>Are systems in place to control access/resource use in the cave?</p> <p>PROCESS</p>	<p>Protection systems (patrols, permits etc) do not exist or are not effective in controlling access/resource use.</p> <p>Score is also 0 if there is inadequate systematic monitoring and reporting of violations.</p>	0		<p><i>Clarification on protection vs apprehension: Reporting of violations does not necessarily translate into "protection systems" but it is a required basis for assessing protection systems.</i></p>	
	<p>Protection systems are only partially effective in controlling access/resource use</p> <p>At least 70% of reported violations were apprehended based upon systematic monitoring.</p>	1			
	<p>Protection systems are moderately effective in controlling access/resource use.</p> <p>At least 70% of reported violations apprehended, and at least 70% of apprehensions administratively resolved or filed/resolved in court based upon systematic monitoring.</p>	2			
	<p>Protection systems are largely or wholly effective in controlling access/resource use.</p> <p>At least 70% of reported violations apprehended, and at least 70% of apprehensions administratively resolved or filed/resolved in court based upon systematic monitoring. Moreover, systematic monitoring indicates that violations are decreasing.</p>	3			

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<p>11. Research relevant to management needs</p> <p>Is there a programme of management-orientated survey and research work?</p> <p>Please attach results of studies</p> <p>PROCESS</p>	There is no survey or research work taking place in the cave.	0			
	There is a small amount of survey and research work but it is not directed towards the conservation	1			
	There is considerable survey and research work but it is not directed towards the conservation	2			
	There is a comprehensive, integrated programme of survey and research work, which is relevant to conservation	3			
<p>12. Resource management undertaken/ implemented</p> <p>Is active resource management being undertaken?</p> <p>PROCESS</p>	Active resource management is not being undertaken. No annual WFP.	0		<p><i>Please provide adequate supporting documentation. Clear cut-offs for each level have not been determined and will be determined from a review of all incoming reports.</i></p> <p><i>To objectively assess "resource management", there is need to review the CMP and WFP first. For NIPAS sites, Resource Management is required by law. Without the CMP/WFP, then there is no</i></p>	
	Very few of the requirements for active management of critical habitats, species, ecological processes and cultural values are being implemented. Presence of a WFP and less than 50% of the requirements for resource management is implemented.	1			
	Many of the requirements for active management of critical habitats, species, ecological processes and, cultural values are being implemented but some key issues are not being addressed. Presence of a WFP and 50-70% of the requirements for resource management is implemented.	2			

Good Practice	Evaluation Criteria	Score <i>(Tick only one box per question)</i>		Comment/Explanation	Next steps
	Requirements for active management of critical habitats, species, ecological processes and, cultural values are being substantially or fully implemented. Presence of a WFP and 100% of the requirements for resource management is implemented	3		<i>basis for evaluation and scoring. Thus, a low score.</i> <i>Recommend collection of related information.</i>	
13. Adequate staff numbers Are there enough people employed to manage the cave? INPUTS	There is no staff. Only one technical staff dedicated to cave concerns.	0		Please provide organizational structure including numbers of staff and volunteers, tasks/roles and level of effort. Clear cut-offs for each level have not been determined and will be determined from a review of all incoming reports. Focus is on number of technical staff employed. Will also include the number of volunteers. Premise: an organizational structure should be available based on the CMP.	A good CMP should have an organizational structure
Staff numbers are inadequate for critical management activities. Staffing below minimum requirements under the CMP.	1				
Staff numbers are below optimum level for critical management activities. Staffing meets minimum requirements under the CMP.	2				
Staff numbers are adequate for the management needs of the cave. <i>All staffing requirement in the CMPs Organization Chart filled.</i>	3				
14. Capacitated staff Are staff adequately trained to fulfil management	Staff lack the skills needed for cave management.	0		Questions may be asked directly to the PASu. Two layers for this question: 1 st : general education of staff; 2 nd : training on the job applied for. Does the training the staff had for the	Trainings provided (and needs) may be listed, if possible.
Staff training and skills are low relative to the needs of the cave. Technical staff (volunteers are not included in this requirement) can identify the specific features being conserved and can explain their benefits to key stakeholders.	1				

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objectives? INPUTS	Staff training and skills are adequate, but could be further improved to fully achieve the objectives of management. Each staff has at least a general education and one (1) training that specifically directly matches his/her primary role in cave management. Technical staff can identify the specific features being conserved and can explain their benefits to key stakeholders.	2		last five years match the needs in cave management.	
	Staff training and skills are aligned with the management needs of the cave. This should not be based upon perception but on actual capability compared to competency standards. That is, you may think you know but you don't. Or you may think you don't know enough, but you actually know enough. <i>(Note: No need for basing the score on the "competency standards" when this is a perception survey, as gauged by the people who will rate themselves).</i>	3			
15. Cave Guides DOT accredited Are the guides knowledgeable of cave biology,	No guides	0			
	With guides but not DOT accredited	1			
	With DOT accredited guides but not cave guides	2			
	With DOT accredited cave guides	3			
16. Sufficient and accessible funds	There is no budget for management of the cave. No WFP.	0		Please provide budget and expenditure per year for last 3 years including	

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<p>Is the current budget sufficient?</p> <p>INPUTS</p> <ul style="list-style-type: none"> Are there budget allotment for cave conservation and management? How much? Are there financial support by the national/local government provided to local communities and/or POs? 	<p>The available budget is inadequate for basic management needs and presents a serious constraint to the capacity to manage.</p> <p>Less than 50% of WFP is implemented.</p>	1		<p>breakdown of line items. Clear cut-offs for each level have not been determined and will be determined from a review of all incoming reports.</p> <p><i>(Note: Also refer to #8, Regular Work Plan).</i></p>	
	<p>The available budget is acceptable but could be further improved to fully achieve effective management.</p> <p>At least 50% of WFP activities (including priority activities) is implemented.</p>	2			
	<p>The available budget is sufficient and meets the full management needs of the cave.</p> <p>At least 70% of WFP activities (including priority activities) is implemented.</p>	3			
<p>17. Secured and sustainable budget</p> <p>Is the budget secure?</p>	<p>There is no secure budget for the cave and management is wholly reliant on outside or highly variable funding.</p>	0		<p><i>To note that Expenditure is only based from MOOE.</i></p>	
<p>There is very little secure budget and the cave could not function adequately without outside funding</p> <p>Both national and local government have each provided budget (in cash or in kind) over each of the last 2 years.</p>	1				

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INPUTS	There is a reasonably secure core budget for regular operation of the cave but many innovations and initiatives are reliant on outside funding Both national and local government have each provided budget (in cash or in kind) over each of the last 5 years.	2			
	There is a secure budget for the cave and its management needs Both national and local government have each provided budget (in cash or in kind) over each of the last 7 years. In addition, user fees have provided at least 30% of the budget in the last 5 years.	3			
18. Efficient management of budget Is the budget managed to meet critical management needs? PROCESS	Budget management is very poor and significantly undermines effectiveness (e.g. late release of budget in financial year).	0		<i>Expenditures only based from MOOE.</i>	
	Budget management is poor and constrains effectiveness. At least 60% of the planned annual budget was actually spent for the purpose it was intended.	1			
	Budget management is adequate but could be improved. At least 70% of the planned annual budget was actually spent for the purpose it was intended.	2			
	Budget management is excellent and meets management needs. At least 80% of the planned annual budget was actually spent for the purpose it was intended.	3			
19. Adequate	There are little or no equipment and facilities for management needs.	0		<i>Rationale: the means to</i>	

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<p>equipment and facilities</p> <p>Is equipment sufficient for management needs?</p> <p>INPUT</p>	<p>There are some equipment and facilities but these are inadequate for most management needs.</p> <p>There is capability to communicate among all key stakeholders (management authority and DENR technical staff) and enforcers located in any point of the cave within 1 hour.</p> <p>There are equipment and facilities, but still some gaps that constrain management.</p> <p>There is capability to communicate among all key stakeholders and enforcers located in any point of the cave within 1 hour. At least 2 enforcers can reach any point of the cave within 8 hours.</p> <p>There are adequate equipment and facilities.</p> <p>There is capability to communicate among all key stakeholders and enforcers located in any point of the cave within 1 hour. At least 2 enforcers can reach any point of the cave within 8 hours. There is adequate equipment such that the safety of enforcers in arresting major violators is ensured.</p>	1		<p><i>enforce, patrol and respond. (Refer to #3, Law Enforcement)</i></p>			
		2					
		3					
<p>20. Equipment and facilities well maintained</p> <p>Is equipment adequately maintained?</p> <p>PROCESS</p>	<p>There is little or no maintenance of equipment and facilities.</p> <p>There is some <i>ad hoc</i> maintenance of equipment and facilities.</p> <p>Communication and transportation equipment have been maintained for at least 5 years.</p> <p>There is basic maintenance of equipment and facilities.</p> <p>Communication and transportation equipment have been maintained for at least 10 years.</p>	0					
		1					
		2					

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	<p>Equipment and facilities are well maintained.</p> <p>Communication and transportation equipment have been maintained for at least 10 years. In addition, adequate financial resources are pro-actively being set aside to replace equipment in line with their depreciation rate.</p>	3			
<p>21. Adequate education and awareness program</p> <p>Is there a planned education programme linked to the objectives and needs?</p> <p>Are the local communities and/or indigenous people aware of the significance of caves and their surrounding ecosystems, be the values provided either direct or indirect?</p> <p>PROCESS</p>	<p>There is no education and awareness programme.</p> <p>There is a limited and <i>ad hoc</i> education and awareness programme.</p> <p>There is an education and awareness programme but it only partly meets needs and could be improved.</p> <p>There is an appropriate and fully implemented education and awareness programme.</p>	0			
		1			
		2			
		3			
<p>22. Integrated planning for adjacent land and</p>	<p>Adjacent land and water use planning does not take into account the needs of the cave and activities/policies are detrimental to the survival of the area.</p>	0		<p><i>Need to have information on the availability of the relevant plans (e.g., CDP,</i></p>	

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<p>water use</p> <p>Does land and water use planning recognise the cave and aid the achievement of objectives?</p>	<p>Adjacent land and water use planning does not takes into account the long term needs of the cave, but activities are not detrimental the area.</p> <p>Existing Comprehensive Development Plan (CDP), Comprehensive Land Use Plan (CLUP), Forest Land Use Plan (FLUP), and Integrated Coastal Management Plan (ICM), if any, do not conflict with the Cave plan (even if it was not explicitly intended as such).</p>	1		<p><i>CLUP, FLUP, ICM and Provincial Development Plan(s), others. If and when available, to get copies also. Such plans will provide basis for assessing consistency/inconsistency with cave mgt and possible recommendation to improve not so ideal conditions.</i></p>	
<p>PLANNING</p>	<p>Adjacent land and water use planning partially takes into account the long term needs of the cave.</p> <p>CDP, CLUP, FLUP, and ICM incorporate or is intentionally consistent with the Cave plan.</p>	2			
	<p>Adjacent land and water use planning fully takes into account the long term needs of the cave.</p> <p>CDP, CLUP, FLUP, ICM and Provincial Development Plan(s) incorporate or is intentionally consistent with the Cave Plan and directly contributes to Cave management.</p>	3			
<p>Additional points: Land and water planning</p>					
<p>22a: Land and water planning for habitat conservation</p>	<p>Planning and management in the catchment or landscape containing the cave incorporates provision for adequate environmental conditions (e.g. volume, quality and timing of water flow, air pollution levels etc) to sustain relevant habitats.</p>	+1			
<p>22b: Land and water planning for connectivity</p>	<p>Management of corridors linking the cave provides for wildlife passage to key habitats outside the cave (e.g. to allow migratory fish to travel between freshwater spawning sites and the sea, or to allow animal migration).</p>	+1			

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22c: Land and water planning for ecosystem services & species conservation	"Planning addresses ecosystem-specific needs and/or the needs of particular species of concern at an ecosystem scale (e.g. volume, quality and timing of freshwater flow to sustain particular species, fire management to maintain savannah habitats etc.)"	+1			
<p>23. Cooperation between government and private entities</p> <p>Is there co-operation with adjacent land and water users?</p> <p>PROCESS</p>	There is no contact between managers and neighbouring official or corporate land and water users.	0			
There is contact between managers and neighbouring official or corporate land and water users but little or no cooperation.	1				
<p>There is contact between managers and neighbouring official or corporate land and water users, but only some co-operation.</p> <p>There are MOAs/agreements with at least 20% of LGUs and 1 of the top 5 corporate users.</p>	2				
<p>There is regular contact between managers and neighbouring official or corporate land and water users, and substantial co-operation on management.</p> <p>There are MOAs/agreements with at least 50% of LGUs and 2 of the top 5 corporate users and priority activities of the agreements are being implemented.</p>	3				
<p>24. Active involvement of local communities/indigenous peoples in</p>	<p>IPs/Local communities have no input into decisions relating to the management of the cave</p> <p>IPs/Local communities are not represented in the Management Authority</p>	0		Local communities refers to barangays which are represented by the Brgy Captain	

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<p>cave protection and development</p> <p>Do local communities/IPs resident or near the cave have input to management decisions?</p> <p>PROCESS</p>	<p>IPs/Local communities have some input into discussions relating to management but no direct role in management</p> <p>IPs/Local communities are represented in the Management Authority but do not actually participate in the meetings (check attendance sheets)</p>	1			
	<p>IPs/Local communities directly contribute to some relevant decisions relating to management but their involvement could be improved</p> <p>IPs/Local communities are represented in the Management Authority and actually participate in the meetings and in field activities (check minutes of meetings and interventions)</p>	2			
	<p>IP/sLocal communities directly participate in all relevant decisions relating to management, e.g. co-management</p> <p>IPs/Local communities are represented in the Management Authority, actually participate in the meetings and lead some field activities.</p>	3			
	Additional points <i>Local communities/indigenous people</i>				
24a. Impact on communities	There is open communication and trust between local and/or indigenous people, stakeholders and cave managers.	+1			
24b. Impact on communities	Programmes to enhance community welfare, while conserving cave resources, are being implemented.	+1			
24c. Impact on communities	Local and/or indigenous people actively support the cave.	+1			

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<p>25. Gender sensitivity practices in place</p> <p>Are the gender-sensitive practices such as women's involvement in cave management in place?</p> <p>PROCESS</p>	<p>Women are not represented in all cave related activities.</p> <p>Note: Cave related activities may be referred but not limited to the following: <i>cave assessment, cave management planning, cave tour guiding, cave protection and enforcement</i></p>	0			
	<p>Limited number of women are involved in selected cave related activities.</p> <p>Minor participation of women in activities which require physical stability/ strength such as cave tour guiding, cave enforcement and protection</p>	1			
	<p>Women are involved in all cave related activities but with less representation</p>	2			
	<p>There is an equal representation of women and men being consulted and involved in decision making/ implementation of all cave related activities.</p>	3			

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<p>26. Biodiversity-Friendly Enterprises (BDFE) in place</p> <p>Are there any existing or planned BDFEs present in the area, which serves as alternative livelihood to the communities, relieving the cave ecosystems of excess disturbance and stress from visitor impacts?</p>	<p>There is no existing or planned BDFEs present in the area.</p>	0			
	<p>There is already a plan of establishing BDFE in the area but the timeline on the operationalization is still undetermined due to lack of funds.</p>	1			
	<p>There is an existing BDFE in the area but not fully operational due to insufficient resources.</p> <p>Trainings must be conducted for product development. Procurement of machineries/ equipment are still needed to maximize the production.</p>	2			
	<p>BDFEs are fully operationalized with complete machineries/ equipment for production. Workforce are well trained.</p> <p>Majority of the members of the community benefit from the income being generated by the enterprise.</p>	3			
<p>27. Cave provided economic benefits to local communities</p>	<p>The cave does not deliver any economic benefits to local communities.</p>	0		<p><i>Legal economic benefits based on cave inputs (income, employment, others)</i></p>	
	<p>Potential economic benefits are recognised and plans to realise these have been developed.</p>	1			

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<p>Is the cave providing economic benefits to local communities, e.g. income, employment, payment for environmental services?</p> <p>OUTCOMES</p>	There is some flow of economic benefits to local communities.	2			
	There is a major flow of economic benefits to local communities from activities associated with the cave.	3			
	At least 10% of households are receiving economic benefits. (This should not include direct employment by the cave management.).				
<p>28. Monitoring and evaluation results used in adaptive management</p> <p>Are management activities monitored against performance?</p> <p>PROCESS</p>	There is no monitoring and evaluation in the cave.	0			
	There is some <i>ad hoc</i> monitoring and evaluation, but no overall strategy and/or no regular collection of results	1			
	There is an agreed and implemented monitoring and evaluation system but results do not feed back into management. Governance, bio-physical and socio-economic parameters were regularly monitored over the last 3 years.	2			
	A good monitoring and evaluation system exists, is well implemented and used in adaptive management	3			
<p>29. Adequate visitor facilities</p>	There are no visitor facilities and services despite an identified need.	0		Based on visitor log book	
	<p>Visitor facilities and services are inappropriate for current and projected levels of visitation.</p> <p>Access trails, toilet(s) and shelters are inadequate.</p>	1			

Good Practice	Evaluation Criteria	Score (Tick only one box per question)		Comment/Explanation	Next steps
<p>Are visitor facilities adequate?</p> <p>OUTPUTS</p>	<p>Visitor facilities and services are adequate for current levels of visitation but could be improved.</p> <p>Access trails, toilet(s) and shelters are adequate to meet the needs of 80% of the peak level of visitors</p>	2			
	<p>Visitor facilities and services are excellent for current levels of visitation.</p> <p>Access trails, toilet(s), shelters and a visitor center are adequate to meet the needs of 100% of the peak level of visitors and there is an emergency response team and mechanism.</p>	3			
<p>30. Commercial tourism operators maintain cave values</p> <p>Do commercial tour operators contribute to cave management?</p> <p>PROCESS</p>	<p>There is little or no contact between managers and tourism operators using the cave.</p>	0			
	<p>There is contact between managers and tourism operators but this is largely confined to administrative or regulatory matters.</p>	1			
	<p>There is limited co-operation between managers and tourism operators to enhance visitor experiences and maintain cave values.</p> <p>There is a signed agreement between managers and tourism operators.</p>	2			
	<p>There is good co-operation between managers and tourism operators to enhance visitor experiences, and maintain cave values. Tourism operators actually lead relevant elements of implementation including maintenance of key features (cave values).</p>	3			
<p>31. Collected fees contribute to protection of the cave</p> <p>If fees (i.e. entry fees or fines) are applied, do</p>	<p>Although fees are theoretically applied, they are not collected.</p>	0			
	<p>Fees are collected, but make no contribution to the cave or its environs</p>	1			
	<p>Fees are collected, and make some contribution to the cave and its environs</p>	2			

Good Practice	Evaluation Criteria	Score		Comment/Explanation	Next steps
		(Tick only one box per question)			
they help cave management? INPUTS	Fees are collected and make a substantial contribution to the cave and its environs	3			
32. Cave values protected/maintained What is the condition of the important values of the cave as compared to when it was first designated? OUTCOMES	Many important biodiversity, ecological or cultural values are being severely degraded.	0		Please provide as much detailed information on this as possible. Clear cut-offs for each level have not been determined and will be determined from a review of all incoming reports.	
	Some biodiversity, ecological or cultural values are being severely degraded	1			
	Some biodiversity, ecological and cultural values are being partially degraded but the most important values have not been significantly impacted.	2			
	Biodiversity, ecological and cultural values are predominantly intact.	3			
<i>Additional Points: Condition of values</i>					
32a: Condition of values	The assessment of the condition of values is based on research and/or monitoring	+1			
32b: Condition of values	Specific management programmes are being implemented to address threats to biodiversity, ecological and cultural values	+1			
32c: Condition of values	Activities to maintain key biodiversity, ecological and cultural values are a routine part of cave management	+1			
TOTAL SCORE					