

# 1 Using structured decision making to set restoration objectives when 2 multiple values and preferences exist

3 Running head: Setting restoration objectives

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17 Author contributions: AG, LS, GI, CC, KW conceived and designed the study; AG, VM, KW  
18 conducted surveys; LR, KdB facilitated workshop; AG, LS, GI, KW, VM analyzed the data; AG  
19 AMG, LS, GI, RJS, CC, LR, ZW, KdB, VM, KW wrote and edited manuscript;

20

21 **Manuscript:** proposed Opinion Article for Restoration Ecology

22

23 **Key words:** terrestrial vegetation restoration, time frame for restoration, stakeholder engagement,  
24 stakeholder values, stakeholder survey

25

26 **Abstract**

27 Achieving global targets for restoring native vegetation cover requires restoration projects to identify  
28 and work towards common management objectives. This is made challenging by the different values  
29 held by concerned stakeholders, which are not often accounted for. Additionally, restoration is time-  
30 dependent and yet there is often little explicit acknowledgement of the time frames required to  
31 achieve outcomes. Here, we argue that explicitly incorporating value and time considerations into  
32 stated objectives would help to achieve restoration goals. We reviewed the peer-reviewed literature on  
33 restoration of terrestrial vegetation and found that while there is guidance on how to identify and  
34 account for stakeholder values and time considerations, there is little evidence these are being  
35 incorporated into decision-making processes. In this paper, we explore how a combination of  
36 stakeholder surveys and workshops can be used within a structured decision making framework to  
37 facilitate the integration of diverse stakeholder values and time frame considerations to set restoration  
38 objectives. We demonstrate this approach with a case of restoration decision making at a regional  
39 scale (south east of Queensland, Australia) with a view to this experience supporting similar  
40 restoration projects elsewhere.

41

42 **Implications for practice:**

- 43 • Restoration projects can benefit from the formal objective setting step in a structured decision  
44 making (SDM) framework to achieve project goals when there are multiple stakeholder groups  
45 with varying values.
- 46 • The adoption of a SDM framework can also incorporate stakeholders' expectations and  
47 preferences for when outcomes are delivered to help make decisions about time frames for  
48 achieving a trajectory of restoration objectives
- 49 • A combination of targeted surveys and small-group workshops facilitates the process of  
50 identifying consensus for restoration objectives among multiple stakeholders.
- 51 • The 'why is that important? test' (i.e. the WITI test) can be used to help separate fundamental  
52 objectives from a much larger list of means, process and strategic objectives.

53

54 **The importance of setting objectives that incorporate multiple values and time frame**  
55 **considerations in ecological restoration**

56 Ecological restoration is a key activity to address global concerns of widespread environmental  
57 degradation associated with vegetation clearing or deforestation. This trend is reflected in its growing  
58 importance in global environmental policy, with ambitious commitments to restore vegetation cover  
59 to degraded land in coming decades (Menz et al. 2013; Suding et al. 2015). Already there are several  
60 existing and proposed large scale restoration projects around the world, for example the Atlantic  
61 Forest Restoration Pact, the United Nations Billion Trees Campaign, the National Greening Program  
62 in the Philippines, the 5 million hectare reforestation program in Vietnam (Melo et al. 2013; Le et al.  
63 2014), and the 20 million trees by 2020 program in Australia (Commonwealth of Australia).  
64 Achieving these ambitious targets requires careful planning to select restoration projects that achieve  
65 desired conservation outcomes with limited funding.

66  
67 Clear objectives are a necessary prerequisite for efficient restoration, but objective setting can be  
68 multi-faceted by the variety of stakeholder values that often characterize restoration projects (Fig. 1).  
69 Values encompass people's judgments of what is important and reflect what people care about  
70 (Keeney & Raiffa 1993). Values can be translated into clearly defined measurable statements  
71 (objectives) that can be used to evaluate the outcomes of management interventions. In the context of  
72 restoration, different values might be reflected, ranging from the re-creation of habitat for flora and  
73 fauna, meeting basic human needs (e.g., by providing timber resources or clean air), or reconnecting  
74 humans with nature (Shackelford et al. 2013; Wiens & Hobbs 2015). This diversity of values is  
75 increasingly recognized (Wiens & Hobbs 2015; Hagger et al. 2017), but delivery of multiple benefits  
76 depends on how well restoration objectives are conceived from the outset.

77  
78 An additional important but often overlooked factor is the influence of ecological time frames on the  
79 achievement of management objectives (Hastings 2016). In the restoration context, achieving  
80 objectives is time-dependent and this dependency is often not explicitly incorporated into restoration  
81 objectives. While restoration interventions can offer immediate outcomes, such as planting native

82 vegetation to increase cover, other outcomes, such as tree hollows and vegetation structure, invariably  
83 need time to develop. There are multiple reasons why being explicit about time frames is important in  
84 setting restoration objectives. First, being clear about the time required to achieve particular outcomes  
85 could help to garner support longer-term projects (Wilson et al. 2016). Second, ideally, there would be  
86 a match between time expectations (i.e., time taken to achieve a trajectory of restoration outcomes)  
87 and time preferences (i.e., time in which stakeholders would like trajectory of outcomes to appear).  
88 However, in some cases the time taken for restoration outcomes to appear may be unacceptable. For  
89 example, sites degraded by past land-use can resist restoration efforts (Hobbs et al. 2014). In this  
90 case, acknowledging the unacceptable time frames for these efforts to be rewarded could prompt the  
91 setting of alternative goals and tools that ultimately help to achieve a measure of restoration success  
92 for the site. Third, time can condition decisions about preferred outcomes (i.e. outcomes that can be  
93 experienced sooner are valued higher relative to delayed experienced outcomes; Keren & Roelofsma  
94 1995). Lastly, some stakeholders may value time frames such that time itself becomes a restoration  
95 objective, or become a constraint to the decision making process. For example, stakeholders may  
96 prefer to know that progress towards restoration outcomes could be visibly assessed at 12 months.

97

98 Clearly stated restoration objectives should thus explicitly capture both the diverse range of values  
99 stakeholders place on restoration projects, as well as their expectations and preferences for when  
100 outcomes are delivered (Shackelford et al. 2013; Suding et al. 2015). We appraised the peer-reviewed  
101 literature to identify the extent to which values and time frame considerations have been accounted for  
102 in vegetation restoration decision-making (Appendix S1; Fig. S1). We found only 19 examples in the  
103 peer-reviewed literature where formal decision-making processes have been employed in the  
104 vegetation restoration context (Table S1), with only five describing how objectives were identified  
105 (e.g. Kangas, 1993; Qureshi & Harrison, 2001). In those papers, the restoration decision processes  
106 usually involve a variety of stakeholders, but we found no examples describing how multiple  
107 stakeholder perspectives could be incorporated into project objectives (Table S1). In addition, we  
108 found little evidence of explicit project time frame considerations (Table S1; 4 of 19 documented

109 examples). Most examples did not report project time frames and in the very few that did, it was not  
110 clear if the time preferences (for achieving objectives) of stakeholders were accounted for.

111

112 Here we focus on how the diversity of values and time considerations can be captured in the process  
113 of setting restoration objectives. Decision science offers theories, techniques and decision-support  
114 tools that can be used to facilitate problem formulation and objective setting, including those found in  
115 the operations research literature (Keeney & Raiffa 1993; Mingers & Rosenhead 2004). Structured  
116 Decision Making (SDM, Fig. 2) is a framework that utilizes a range of decision analytic tools for  
117 guiding decision makers through a decision process to facilitate transparent, logical and defensible  
118 decisions (Keeney & Raiffa 1993; Gregory et al. 2012a). The SDM framework involves a core set of  
119 steps that help to structure and guide thinking about the decision problem (Runge 2011).

120

121 The advantage of SDM over other decision support tools is its integral focus on objectives and  
122 mechanisms for capturing different stakeholder values (Gregory et al. 2012a). An SDM approach has  
123 been used to involve a diverse set of stakeholders in the decision-making process and serve as a  
124 vehicle for minimizing potential conflicts in applications such as tidal marsh preservation under  
125 climate change (Thorne et al. 2015), river rehabilitation (Failing et al. 2013; Kozak & Piazza 2015)  
126 and endangered species management (Lyons et al. 2008; Gregory et al. 2012b). For example, Kozak  
127 & Piazza (2015) emphasize how an SDM approach can help involve different types of stakeholders in  
128 the decision-making process. While application of SDM in vegetation restoration has been limited  
129 (see Cipollini et al. 2005), these examples highlight the potential of SDM as a useful framework that  
130 facilitates the integration of a variety of stakeholder values and time frame considerations in  
131 restoration decisions.

132

133 In this paper we demonstrate how an inclusive set of objectives for restoration projects can be  
134 obtained through conducting a survey to elicit values from a large range of stakeholders that are then  
135 integrated into a facilitated SDM workshop. We demonstrate this through application to a case study  
136 of restoration decision making by a local council in south east Queensland, Australia that has

137 responsibilities to maximize outcomes of public expenditure in a region with a diverse array of  
138 stakeholders and budget considerations. The local government authority sought a formalized process  
139 for specifying restoration objectives to ensure public expenditure on vegetation restoration across 800  
140 conservation parks (covering 12,000 hectares) was effective, efficient and transparent. The approach  
141 was applied at the outset of a large collaborative research project between natural area managers,  
142 restoration ecologists and decision scientists.

143

#### 144 **Setting objectives for restoration using a structured decision making approach supported by a** 145 **stakeholder survey**

##### 146 *The approach*

147 SDM is commonly applied in a facilitated environment with a group of key decision makers and  
148 stakeholders (Gregory et al. 2012a), but restoration projects often concern numerous and diverse  
149 stakeholders, particularly if projects are publically funded. Thus, while participatory approaches to  
150 decision making are advocated (Addison et al. 2013), it can be difficult to ensure a wider range of  
151 stakeholders are included in a workshop setting. Recognizing this challenge, we used a survey  
152 (*Stakeholder survey*) prior to a facilitated SDM workshop to efficiently involve the views of a diverse  
153 suite of stakeholders in the process of setting restoration objectives for the study area. Our approach  
154 involves four practical steps (Table 1), and was designed to identify the broad range of values held on  
155 restoration, and stakeholder's views in relation to time frames, so that this information can then be  
156 used to inform the elicitation of objectives. Our approach includes steps to maximize the participation  
157 of all stakeholder groups. We distributed the Stakeholder survey via an online environment  
158 (SurveyMonkey; Table S2) to 97 individuals representing a wide range of restoration stakeholder  
159 groups (Fig. S2) ranging from individuals who work in on-ground restoration, research, restoration  
160 planning and other related activities, in government and non-government organizations (Fig. S3). By  
161 involving all stakeholder groups, we felt the restoration project would have a greater possibility of  
162 being designed and implemented in a way that addressed the things that matter the most to concerned  
163 stakeholders (Menz et al. 2013). Data was collected during June 2015. A total of 80 responses were  
164 obtained from the survey (82% response rate).

165

166 We then ran a two-day facilitated SDM workshop. While a key focus of the workshop was the  
167 identification of objectives, we also conducted a rapid prototyping of all the steps in the SDM process  
168 (Fig. 2). Prior to the workshop we drafted the problem statement (Step 1 in the SDM process; Fig. 2)  
169 using existing documents and prior conversations among proposed workshop participants, and  
170 circulated the draft document ahead of the workshop. Research on group decision making  
171 performance suggest that group performance plateaus at round 10 to 12 participants (Troyer, 2003),  
172 while very small groups can constrain idea generation and diversity of input, and thus can lead to less  
173 informed decisions (Napier & Gershenfeld, 1973). The workshop participants included key decision-  
174 makers, restoration planners and leaders of restoration teams (a total of 13 participants).

175

176 During the objective-setting step of SDM, emphasis is placed on identifying and separating  
177 fundamental objectives (i.e. the basic things that matter) from means objectives (i.e. the methods of  
178 meeting the fundamental objectives) and process objectives (reflect how the decision should be  
179 made), and strategic objectives (relate to the organization's strategic priorities; Fig. 3) (Gregory et al.  
180 2012a). To this end, we used a 'why is that important? test' (i.e. the WITI test; Clemen, 1996) in both  
181 the survey (Table S2), and in the workshop (Fig. 4) to identify a shortlist list of fundamental  
182 objectives, separating them from a much larger list of means, process and strategic objectives. This  
183 test asks "why is that important?" repeatedly until a fundamental objective is reached (Fig. 4). These  
184 objectives were then organized into an objectives hierarchy (Table 2) to help illustrate how the  
185 fundamental objectives are related to the other specified objectives, help identify missing objectives  
186 and encourage thinking about alternative ways to achieve fundamental objectives (Keeney & Raiffa  
187 1993).

188

### 189 *Integrating stakeholder values*

190 After workshop participants had developed their own list of objectives, objectives identified in the  
191 Stakeholder survey were presented. This activity allowed for explicit consideration of the values held

192 by stakeholders, to ensure that the suite of objectives identified at the workshop was complete. The  
193 Stakeholder survey highlighted some objectives in addition to those proposed by workshop  
194 participants (Table 3). Most values from the survey captured ideas for how to achieve fundamental  
195 objectives, and so they were classified as means objectives (Table 3). This result highlighted the  
196 importance that people affected by decisions tend to place on *means* and *process* objectives (Table 3).  
197 Considering the preferences of the general public for different types of benefits from restoration  
198 programs in the study area (Matzek et al. in preparation), we found that about two thirds of the  
199 public's 'preferred benefits' are captured by the initial objectives identified at the workshop. This  
200 result points to potential gaps in the set of objectives identified at the workshop that could be  
201 considered when revisiting objectives or management alternatives at later phases in the SDM process,  
202 or taken into account when communicating with the public about the project aims and its expected  
203 outcomes. Nonetheless, the fundamental objectives identified at the workshop (Table 2) are consistent  
204 with the findings of a study on what motivates restoration in Australia (Hagger et al. 2017).

205

206 The incorporation of the WITI test in both the workshop and the Stakeholder survey (Fig. 4 and Table  
207 S2), helped ensure that specified restoration objectives captured the fundamental things that matter,  
208 and at the same time it helped identify multiple pathways for how these objectives might be achieved  
209 for consideration at a latter phase in the SDM process (e.g. Management alternatives; Fig. 4 and Table  
210 2). These included insights into the practices and processes that people would like to see more or less  
211 of and thus was helpful in understanding stakeholder expectations of resource management and likely  
212 receptiveness to changes in operational practices. These ideas have been retained as important  
213 elements in the land manager's wider decision making processes. The WITI test also allowed  
214 stakeholders present at the workshop to gain new awareness of how easy it is to focus on *means* and  
215 *process* objectives and risk of failing to identify the fundamental motivation behind these.

216

217 *Integrating time preferences*

218 The Stakeholder survey provided a formal mechanism for decision makers to learn from a broad range  
219 of stakeholders about expected time frames for achieving restoration objectives, and the preferences  
220 over which stakeholders desired outcomes to be demonstrated (Table S2). We discovered that there  
221 were varied time frames among stakeholders, with many *expecting* outcomes to be achieved in the  
222 first 15 years and acknowledgement that ideal outcomes could take decades to achieve (Fig. 5).  
223 Indeed, some stakeholders acknowledged that ideal outcomes could take more than 100 years to  
224 materialize (Fig. 5). However, stakeholders *preferred* to see some benefits soon after initiation of  
225 restoration activity and especially in the first 5 years after project implementation (Fig. 5). Though not  
226 resolved at the workshop, participants agreed that further exploration of explicitly incorporating time  
227 expectations and time preferences into the decision-making process was necessary. This highlights  
228 the need to carefully choose performance measures that can assess progress toward objectives over  
229 multiple time frames.

230

### 231 *Reflecting on our approach*

232 We found that the approach to include a pre-workshop survey to involve a broad range of  
233 stakeholders results in a robust process of setting restoration objectives and ensures that a broad  
234 range of values are taken into consideration. This consideration is particularly relevant for vegetation  
235 restoration given it is a social as much as an ecological endeavor. At the workshop, presentation of the  
236 survey results led the key decision makers to conclude that the fundamental objectives specified  
237 during the SDM process largely captured the values and time preferences expressed by the broader  
238 stakeholder groups not represented at the workshop. We consider this outcome to be positive as it  
239 ensured all values held were being considered, thus reinforcing the workshop design and process.  
240 That said, a pre-workshop stakeholder survey could prove even more instructive in cases where there  
241 is a strong misalignment in values held by the different groups.

242

243 We also found that most of the objectives expressed by survey participants were means objectives  
244 (Table 3). While this provided ideas for how fundamental objectives identified at the workshop could

245 be achieved, this result reflects the difficulty of articulating fundamental objectives, and the value of  
246 an experienced facilitator in eliciting this information in a workshop setting.

247

248 While our SDM workshop was focused on eliciting restoration objectives, we also applied the rapid  
249 prototyping approach to complete all the steps in the SDM process (Garrard et al. 2017). This proved  
250 useful to reveal missing objectives and to refine the objectives that had been identified in the first  
251 stages. In particular, an understanding of the consequences and trade-offs allowed for objectives to be  
252 refined. This prompted participants to check that their values were adequately captured by the  
253 objectives identified, and also permitted the problem statement to be refined to more closely reflect  
254 the subset of objectives that fell under the responsibilities of the council. It was also revealed that  
255 portions of the operating budget were already pre-committed to activities and programs that largely  
256 addressed some of the fundamental social objectives and process objectives identified in the  
257 workshop, such as community outreach. The results presented here are part of an ongoing iterative  
258 process and there are follow up steps that need attention, one of which is the development of  
259 performance measures for the identified objectives to ensure that identified objectives are specific,  
260 measurable, achievable, realistic and time-bound (SMART; Park et al. 2013). Large multi-faceted  
261 problems such as ours will likely require several iterations of the SDM framework to fully incorporate  
262 the necessary detail (Gregory et al. 2012).

263

264 We recognize that our approach can be improved in a number of ways. While the incorporation of the  
265 WITI test in the survey permitted capturing of the fundamental things that matter, for some  
266 stakeholders this was difficult to do, as some of the answers provided were too vague or not clear  
267 enough. In addition the answers were subject to the interpretation of those at the workshop. The use of  
268 choice experiments (Adamowicz et al. 1998) in a survey can provide a mechanism to analyze  
269 stakeholder preferences in relation to a pre-defined list of restoration objectives (choices reflecting  
270 different restoration values) that can be developed in consultation with a representative group of  
271 stakeholders. This approach would ensure that all responses are comparable and permit a statistical  
272 comparison of preferences, as well as trade-offs among a broad set of objectives (Rolfe et al. 2000).

273 Alternatively, a post-workshop survey or report (sent to the wider stakeholder group) could help  
274 assess the acceptability of objectives. As the workshop and survey were only part of an initial  
275 prototype of the decision (Garrard et al. 2017), it is expected that objectives, the associated  
276 performance measures, and the preferred time frames for measurement, may be iteratively updated  
277 over time. Thus, we acknowledge the communication of how and why some objectives do not appear  
278 ‘fundamental’ to the decision context to be a crucial step in ensuring stakeholders are satisfied with  
279 the process.

280

## 281 **Conclusions**

282 The peer-reviewed literature on restoration decision-making lacks approaches to address the challenge  
283 of setting restoration objectives that include multiple values and time preferences from multiple  
284 stakeholders in a holistic and structured way. Overall, we found that while there has been some  
285 development of decision-support approaches for ecological restoration, little attention has been given  
286 to the process of identifying objectives, particularly where there are multiple stakeholders and values  
287 involved. Explicit consideration of time is also rare. The evidence that emerged from our survey  
288 suggested that stakeholders are realistic about time and expect a trajectory of restoration outcomes in  
289 the short and longer term.

290

291 Through application to a real case study we identify lessons on how Structured Decision Making  
292 could be used as a decision-support tool to assist restoration decisions. The SDM process allows  
293 decision makers to analyze each component of a restoration problem in detail, facilitates a shared  
294 understanding of the complexities and particulars of the problem, helps to identify key knowledge  
295 gaps, and recognize different types of restoration objectives and underlying values. Our modified  
296 SDM process (Table 1) allowed us to ascertain more broadly held underlying values and time frame  
297 considerations, alerted us of process issues and time frames that mattered to stakeholders, and helped  
298 us facilitate transparent and inclusive establishment of restoration objectives.

299

## 300 **Acknowledgements**

301 We are grateful for the individuals and organizations who participated in the research. We  
302 acknowledge the Australian Research Council Linkage Programs and the Australian Research Council  
303 Centre of Excellence for Environmental Decisions for funding and support. KAW was supported by  
304 an Australian Research Council Future Fellowship.

305

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385

386

387 **Table 1.** Approach including the development of a pre-workshop survey to involve a broad range of  
 388 stakeholders in setting restoration objectives

Steps	Description
1 Careful and deliberate identification of all decision-makers and stakeholder groups	<ul style="list-style-type: none"> <li>This was accomplished through interaction with an initial core set of key stakeholders.</li> </ul>
2 Identification of values held by stakeholder groups and their views around time preferences	<ul style="list-style-type: none"> <li>Online survey instrument designed based on a “Why Game” method i.e. asking “why is that important?” several times to reach a fundamental objective (Clemen, 1996). The survey instrument can also be designed to understand time preferences for achieving the identified fundamental objective.</li> <li>Stakeholder views summarized to inform step 3.</li> </ul>
3 Facilitated (workshop) objectives setting exercise	<ul style="list-style-type: none"> <li>Following an SDM approach (Fig. 3) and involving key decision makers. Values, translated into statements of objectives, are elicited using the WITI test (Clemen, 1996).</li> <li>Present workshop participants with a list of stakeholder views (from survey) and examine for overlap or additional objectives.</li> <li>Objectives hierarchy developed to distinguish fundamental, means, process and strategic objectives (Table 2; Keeney &amp; Raiffa 1993).</li> </ul>
4 Ongoing refinement of objectives and	<ul style="list-style-type: none"> <li>The next phase of the project will develop a decision support tool to allocate funds for vegetation recovery</li> </ul>

preferences

that maximizes return on investment. We aim to quantify expected outcomes and potential tradeoffs between objectives. We anticipate that new knowledge of expected outcomes will in turn prompt further refinement of fundamental objectives and attributes of the restoration problem that matter to decision-makers.

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391 **Table 2.** The list of fundamental and means objectives. The WITI test (Fig. 4) helped structure the  
 392 ideas elicited during the workshop into fundamental and means objectives. These objectives have  
 393 been refined since.

<b>Fundamental Objectives</b>	<b>Means objectives</b>
<p><i>Environmental theme</i></p> <p>Maximize conservation of native biodiversity</p> <p>Maximize persistence of threatened species and ecosystems</p>	<p>Reinstate native vegetation cover on cleared land</p> <p>Improve quality of existing vegetation</p> <p>Improve water quality</p> <p>Improve soil quality</p> <p>Maintain population sizes of plants and animals</p> <p>Protect threatened fauna species</p> <p>Protect threatened plant communities</p>
<p><i>Social theme</i></p> <p>Maximize community health and wellbeing</p> <p>Maximize recognition and public support for local government programs/services</p>	<p>Maximize recreation opportunities</p> <p>Maximize quality of recreation experience</p> <p>Maximize park utilization</p> <p>Maximize visual/scenic amenity</p> <p>Maximize flood protection</p>

	Maximize safe and reliable drinking water
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396 **Table 3:** Comparison of the types of objectives identified in the survey and workshop. The objectives  
 397 identified in the stakeholder workshop (first row) were compared against the types of objectives  
 398 identified through the stakeholder survey (second row). The three additional fundamental objectives  
 399 identified by the stakeholder survey were deemed to be outside the scope of the decision problem  
 400 during the workshop (i.e. generate jobs – grow economy, increase political support, support  
 401 restoration industry).

	Fundamental	Means	Process	Strategic
Number of objectives identified in the stakeholder workshop	4	9	5	2
Additional objectives identified in the <i>Stakeholder survey</i>	3	28	3	3

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405 **Figure Captions**

406

407 Figure 1. Diverse values driving environmental, social and economic restoration objectives. A  
408 restoration project can support the intrinsic value of nature (top left, photo by CSIRO), reinstate  
409 ecological services (e.g. provision of clean drinking water) degraded through land use (top right left,  
410 photo by CSIRO), reconnect humans with nature (bottom left, photo by A. Guerrero), or build  
411 communities and employment (bottom right left).

412

413 Figure 2: Structured Decision Making framework (adapted from Gregory et al. 2012). Steps are  
414 iterative allowing for feedback between each step. This study focuses on the highlighted sections.

415

416 Figure 3: Types of objectives. Fundamental objectives reflect the outcome those making the decision  
417 really care about (e.g. achieve healthy ecosystems) and are used to evaluate the performance of  
418 management alternative. Means objectives inform the specific methods for meeting the fundamental  
419 objectives (e.g. maximize vegetation condition), process objectives inform the design of the decision  
420 process but do not directly influence the outcome (e.g. achieve accreditation of all restoration works  
421 staff) and strategic objectives reflect the strategic priorities of the individual or organisation that  
422 governs all decisions (e.g. improve agency accountability).

423

424 Figure 4: The WITI was used to separate means objectives from fundamental objectives. Increasing  
425 native biodiversity and recovery of threatened ecosystems were identified as the most important  
426 (fundamental) objectives. Some examples of the different pathways identified during the workshop  
427 (means objectives and actions) are provided. Figure adapted from Gregory et al. 2012.

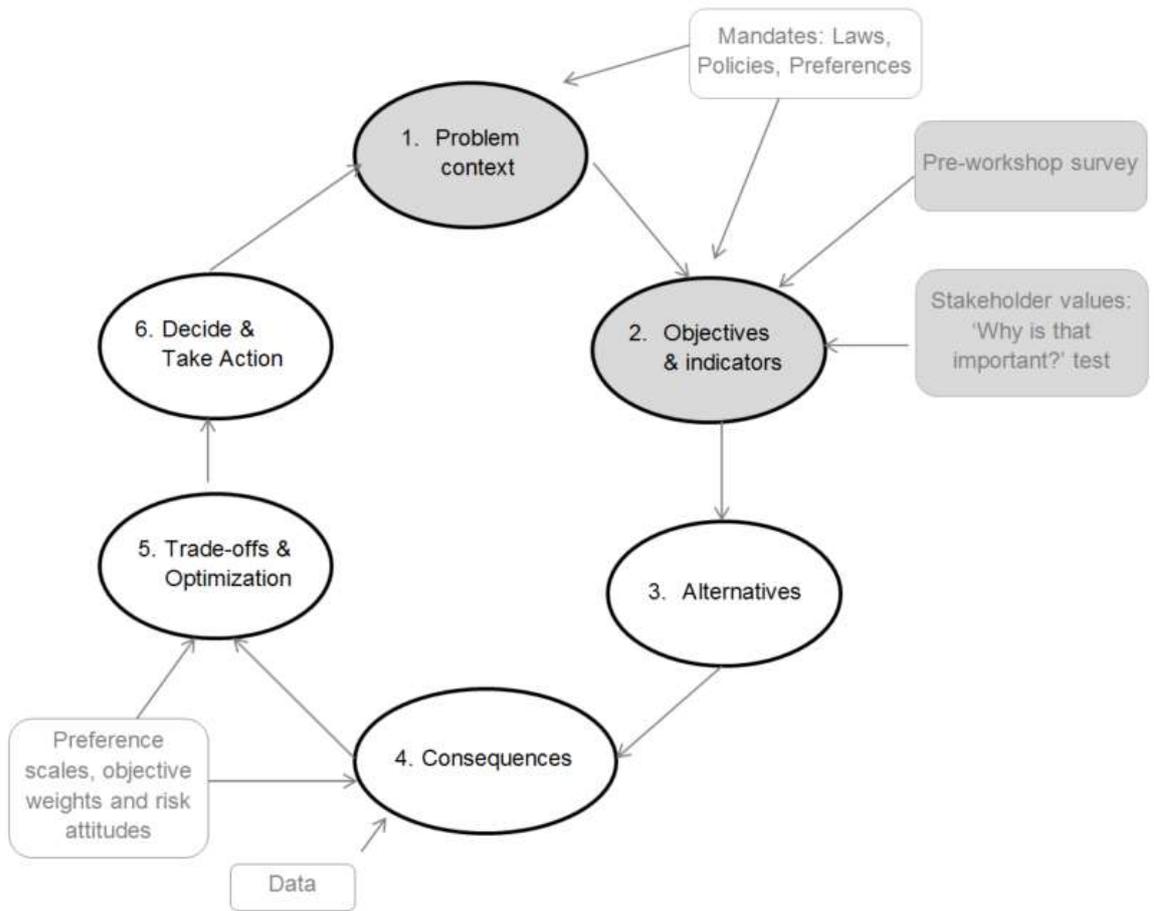
428

429 Figure 5: Time preferences of survey respondents.



430  
431 **Figure 1**

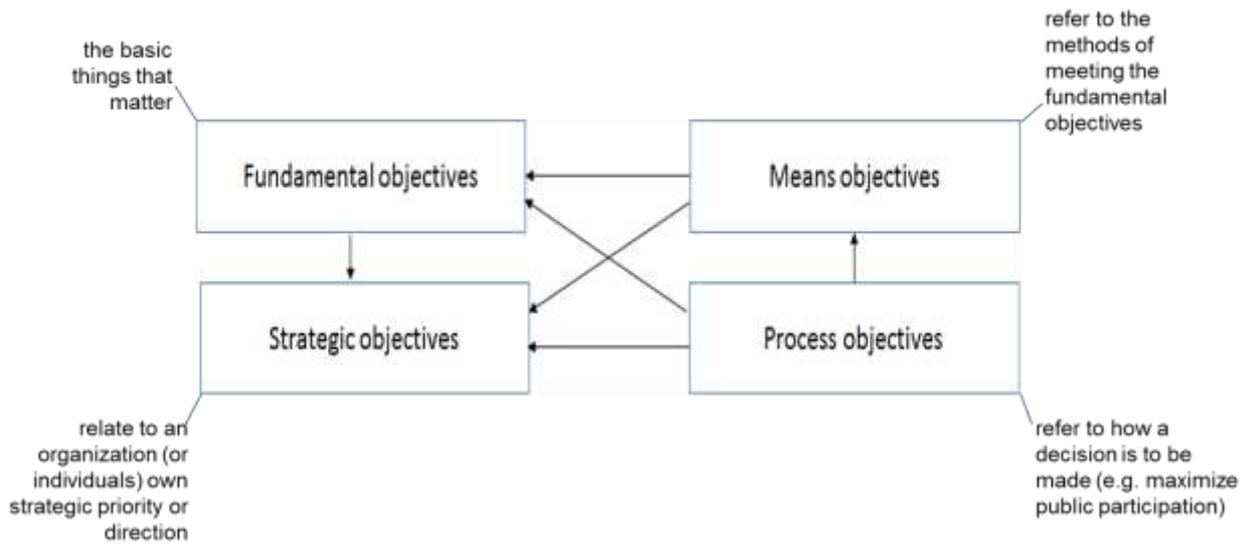
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435 **Figure 2**

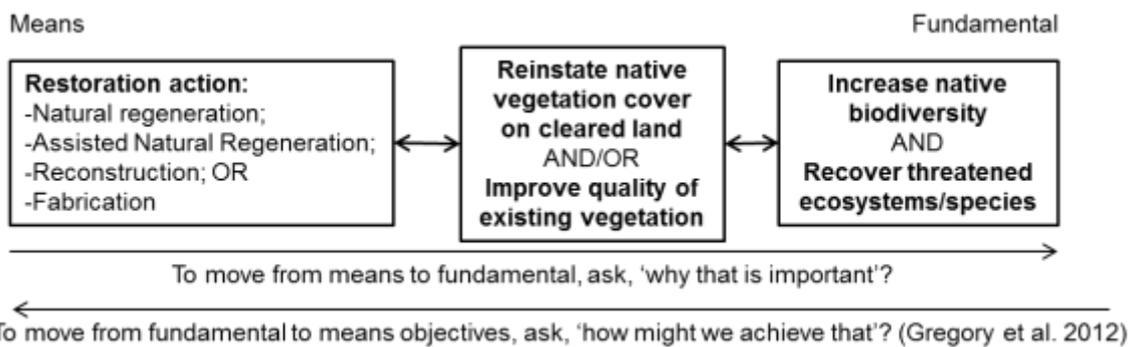
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438 **Figure 3**

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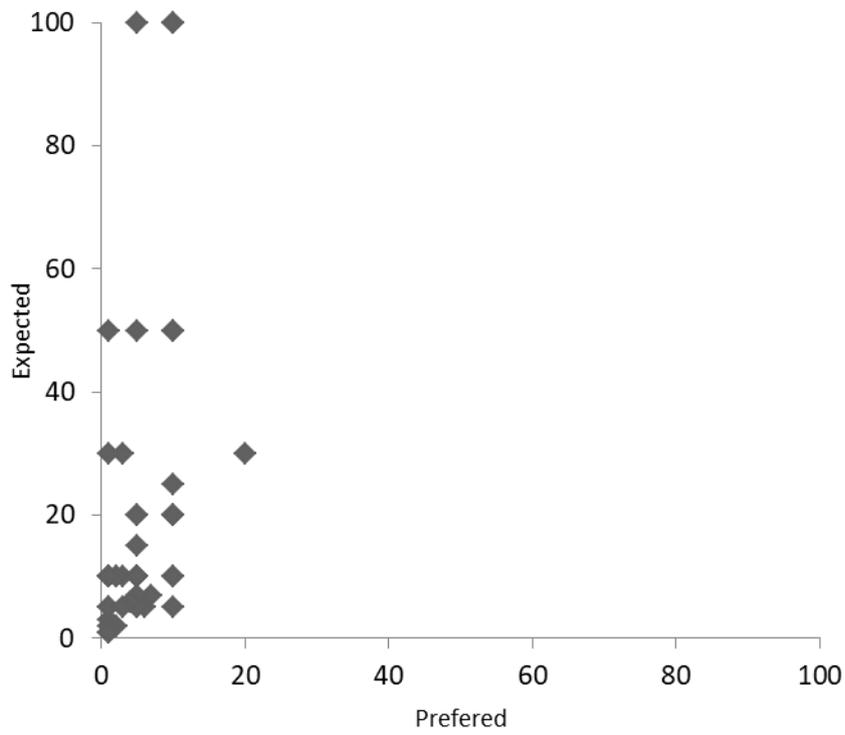
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441 **Figure 4**

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445

446 **Figure 5:** Preferred vs expected timeframe (years) of outcomes to be achieved (n=48)

447