

**SUPPLEMENTARY MATERIAL 2: Questionnaire**

**(Translated from the questionnaire in French)**



**UNDERSTANDING THE USE OF RESEARCH RESULTS IN  
PROTECTED AREA MANAGEMENT IN MADAGASCAR**



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**2016**

**PATRICK RAFIDIMANANTSOA**

## Preamble

Thank you very much for your participation. Your answers are invaluable to help us find ways to make research results usable for protected area management. I would like to note that:

- The survey will take about **20-30 minutes** and is **confidential**.
- I (Patrick) am the only person who has access to the information you provide. Such information is saved and stored in two password-protected external hard drives.
- Your answers will be coded and any identifying information removed.
- Feel free to stop completing the questionnaire anytime should you judge it necessary.
- Neither your name nor your organisation will be reported in any output linked to this study

I have read and understood the above terms and am willing to participate.

Yes

No

If you would like to receive a report containing the findings, please enter your email address below:

This questionnaire has five sections :

SECTION 1 – About yourself.....	1
SECTION 2 – Information sources used to inform decisions.....	3
SECTION 3 – Access to research results .....	6
SECTION 4: Barriers to research use when informing decisions .....	9
SECTION 5: Your suggestions and research needs.....	11

### Definitions of the terms used in this questionnaire

#### Decisions

**Decisions** refer to the choice of actions to implement on the ground to achieve management objectives outlined in the management plan, considering the resources available, organisational policy, and operational context.

#### Research results

**By research results** we mean any document and non-documentary (e.g. data and models) output of a scientific investigation or synthesis carried out by researchers (academics and non-academics), in French or English from any discipline in the natural or social sciences pertaining to protected area management in Madagascar, including (but not limited to) as ecology, biology, sociology, governance, politics, climate change, systems research, and management sciences.

# SECTION 1 – About yourself

Please enter your answers in the grey box

1. **Your name:**
2. **Your position :**
3. **The protected area you are responsible for:**
4. **Your organisation :**
5. **How many years have you been working for this organisation?**  
**Since**
6. **How many years have you been working in conservation/environmental management, excluding formal education?**  
**Since**
7. **Your highest academic degree and your academic background**  
(e.g. BSc in Biology, MSc in Forestry, PhD in Economics)
8. **Which of the following best describes your research experience**
  - I have no research experience
  - I have limited research experience
  - I have authored /co-authored research reports
  - I have authored/co-authored research papers published in international journals
  - Other (please specify)
9. **How important does your organisation think it is to use research results to inform management decisions?**
  - Not important at all
  - Not very important
  - Moderately important
  - Important
  - Very important
  - I don't know

## SECTION 1 – About yourself

**10. How important do you think it is to use research results to inform management decisions?**

- Not important at all
- Not very important
- Moderately important
- Important
- Very important
- I don't know

## SECTION 2 – Information sources used to inform decisions

**Given the multidimensional nature of protected area management in Madagascar, please tick the activity category (or categories) that best describes your role:**

- i) General supervision and coordination of site activities** (e.g. Directors or site managers)
- ii) Conservation of conservation targets** (e.g. patrolling, ecological monitoring, ecological restoration, environmental education and awareness-raising, etc.)
- iii) Governance** (e.g. management structure, capacity-building, mobilisation of partners, etc.)
- iv) Regional/Local development** (e.g. income-generating activities, improvement of local livelihood practices, improved access to education and health facilities, etc.)
- v) Financial sustainability** (e.g. ecotourism and nature-based tourism, REDD++, working with businesses, etc.)

**Please take a moment to reflect on the decisions you have made related to your role (s) above. Then, please think about the information sources that you used to inform your decisions.**

## SECTION 2 – Information sources used to inform decisions

### 11. How often do you use the following information sources to inform your decisions? (Frequency of use)

Information sources	Never	Rarely	Sometimes	Often	Always	Dont know
<b>Management plans and Policy documents</b> <i>e.g. Local : Management plan, Environmental and social safeguard plan, organisation policy documents,</i> <i>National: Protected area law (CoAP), Forestry policy, Marine policy.</i> <i>International : CBD, Ramsar convention, etc.</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Advice from/opinions of other managers</b> (e.g. Directors of other protected areas)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Advice from/opinions of researchers/specialists</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Personal experience or intuition</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Peer-reviewed publications (journal articles and books)</b> <ul style="list-style-type: none"> <li>• e.g. journals: <i>Madagascar Conservation and Development, Oryx, Bois et Forêts des Tropiques, Les Cahiers d'Outre-Mer, Conservation Biology, etc.</i></li> <li>• e.g. book publishers: <i>Taylor and Francis, Routledge, University of Chicago Press, SAGE, Wiley-Blackwell, etc.</i></li> </ul>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Internal research reports and datasets</b> (not peer-reviewed) <ul style="list-style-type: none"> <li>• <i>Research reports, technical reports, consultancy reports</i></li> <li>• <i>Patrolling data, ecological monitoring data or socio-economic data, spatial data from commissioned studies</i></li> </ul>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>External research reports and datasets (i.e. by other research, conservation, or development organisations)</b> (not peer-reviewed) <ul style="list-style-type: none"> <li>• <i>Research reports, technical reports, consultancy reports</i></li> <li>• <i>Patrolling data, ecological monitoring data or socio-economic data, spatial data from commissioned studies</i></li> </ul>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Manuals and guides</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Doctoral and Masters theses</b> (by foreign and national graduates)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Other (please specify)</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information sources	Never	Rarely	Sometimes	Often	Always	Dont know

## SECTION 2 – Information sources used to inform decisions

12. How useful are the following information sources to you to inform your decisions? (Perceived usefulness)

Information sources	Not at all	Slightly	Moderately	Useful	Extremely	Dont know
<b>Management plans and Policy documents</b> <i>e.g. Local: Management plan, Environmental and social safeguard plan, organisation policy documents,</i> <i>National: Protected area law (CoAP), Forestry policy, Marine policy.</i> <i>International : CBD, Ramsar convention, etc.</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Advice from/opinions of other managers</b> (e.g. Directors of other protected areas)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Advice from/opinions of researchers/specialists</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Personal experience or intuition</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Peer-reviewed publications (journal articles and books)</b> <ul style="list-style-type: none"> <li>• e.g. journals: <i>Madagascar Conservation and Development, Oryx, Bois et Forêts des Tropiques, Les Cahiers d'Outre-Mer, Conservation Biology, etc.</i></li> <li>• e.g. book publishers: <i>Taylor and Francis, Routledge, University of Chicago Press, SAGE, Wiley-Blackwell, etc.</i></li> </ul>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Internal research reports and datasets</b> (not peer-reviewed) <ul style="list-style-type: none"> <li>• <i>Research reports, technical reports, consultancy reports</i></li> <li>• <i>Patrolling data, ecological monitoring data or socio-economic data, spatial data from commissioned studies</i></li> </ul>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>External research reports and datasets (i.e. by other research, conservation, or development organisations)</b> (not peer-reviewed) <ul style="list-style-type: none"> <li>• <i>Research reports, technical reports, consultancy reports</i></li> <li>• <i>Patrolling data, ecological monitoring data or socio-economic data, spatial data from commissioned studies</i></li> </ul>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Manuals and guides</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Doctoral and Masters theses</b> (by foreign and national graduates)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Other (please specify)</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information sources	Not at all	Slightly	Moderately	Useful	Extremely	Dont know



## SECTION 3 – Access to research results

**13. How easy is it for you to access the following information sources? (Please consider the effort and time required but also any conditionality and financial resource needed to access these sources)**

Information sources	Very difficult	Quite difficult	It depends	Quite easy	Very easy	Don't know
<b>Advice from/opinions of other managers</b> (e.g. Directors of other protected areas)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Advice from/opinions of researchers/specialists</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Peer-reviewed publications (journal articles and books)</b> <ul style="list-style-type: none"> <li>• e.g. journals: <i>Madagascar Conservation and Development, Oryx, Bois et Forêts des Tropiques, Les Cahiers d’Outre-Mer, Conservation Biology, etc.</i></li> <li>• e.g. book publishers: <i>Taylor and Francis, Routledge, University of Chicago Press, SAGE, Wiley-Blackwell, etc.</i></li> </ul>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Internal research reports and datasets</b> (not peer-reviewed) <ul style="list-style-type: none"> <li>• <i>Research reports, technical reports, consultancy reports</i></li> <li>• <i>Patrolling data, ecological monitoring data or socio-economic data, spatial data from commissioned studies</i></li> </ul>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>External research reports and datasets (i.e. by other research, conservation, or development organisations)</b> (not peer-reviewed) <ul style="list-style-type: none"> <li>• <i>Research reports, technical reports, consultancy reports</i></li> <li>• <i>Patrolling data, ecological monitoring data or socio-economic data, spatial data from commissioned studies</i></li> </ul>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Manuals and guides</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Doctoral and Masters theses</b> (by foreign and national graduates)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information sources	Very difficult	Quite difficult	It depends	Quite easy	Very easy	Don't know

**If you have any comment regarding the access to research results, please write it down below**

## SECTION 3 – Access to research results

### 14. How do you search for the research results you need to inform your decisions?

I search for literature on an online scientific database, e.g. Web of Science, Scopus or Google Scholar.

Rarely    Sometimes    Often    Always    Don't know

I search for books, datasets, other sources in my organisation's library (physical or electronic).

Rarely    Sometimes    Often    Always    Don't know

I do a general search on the web.

Rarely    Sometimes    Often    Always    Don't know

I ask colleagues, experts, researchers or specialists for suggestions.

Rarely    Sometimes    Often    Always    Don't know

I search my own personal collection of books, reports or papers.

Rarely    Sometimes    Often    Always    Don't know

I post a question in an online research discussion forum.

Rarely    Sometimes    Often    Always    Don't know

**If you have ticked the box "I post a question in an online research discussion forum", I invite you to answer the follow-up questions below.**

- What online forums are you on?

ResearchGate

Academia.edu

Other (please specify)

- How often have you used these forum to search for research results?

Rarely    Sometimes    Often    Always    Don't know

- How often have you received satisfactory responses to your post?

Never    Rarely    Sometimes    Often    Always    Don't know

None of the above

Other (please specify)

## SECTION 3 – Access to research results

### 15. How do you usually learn about (new) research results (be they past or recent)?

- I read about it on social media (e.g. Twitter, Linked-In, etc.) and blogs  
 Rarely    Sometimes    Often    Always    Don't know
- Colleagues send me interesting and relevant papers, theses, reviews or reports  
 Rarely    Sometimes    Often    Always    Don't know
- I receive journal alerts of new papers  
 Rarely    Sometimes    Often    Always    Don't know
- I attend conferences, seminars, training courses or workshops  
 Rarely    Sometimes    Often    Always    Don't know
- I am on mailing lists and e-networks where people share new research (e.g. MEJN)  
 Rarely    Sometimes    Often    Always    Don't know
- I have informal discussions with other managers at various events and professional meetings  
 Rarely    Sometimes    Often    Always    Don't know
- I receive magazines, bulletins or newsletters from professional conservation or ecology societies or associations.  
 Rarely    Sometimes    Often    Always    Don't know
- None of the above
- Other (please specify)

## SECTION 4 – Barriers to research use when informing decisions

16. How often have you experienced the following situations regarding research use?

Avez-vous vécu les situations ci-après ?		No never	Yes but rarely	Yes but sometimes	Yes often	Yes always	Don't know
A	I don't have much time to search for publications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	I don't have much time to read publications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	I don't have access to subscription-based publications I need	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	It is difficult to gain access to research findings from other organisations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E	Internet connexion is an issue where I am located	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
F	Scientific jargon hinders the understanding of the findings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
G	I don't read English very well	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		No never	Yes but rarely	Yes but sometimes	Yes often	Yes always	Don't know

## SECTION 4 – Barriers to research use when informing decisions

**If you have any comment regarding the barriers or have experienced barriers not listed above, please write them down below**

## SECTION 5 – Your suggestions and research needs

17. In your view, what can researchers (nationals and internationals) do to make their research more useful to protected area managers in Madagascar?

18. What are the top 3 questions you want research to answer in orderd to help you in your role? Please be as specific as possible.

1.

2.

3.

Thank you very much for completing this survey. I really appreciate your time. I wish you and your organisation the best **continued success**.

Patrick Rafidimanantsoa

Please return this questionnaire to [h.rafidimanantsoa@bangor.ac.uk](mailto:h.rafidimanantsoa@bangor.ac.uk)