Soysambu Conservancy

Social Assessment of Protected Area

Sustain East Africa

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Sustain
East Africa

Table of Contents

List of Tables

List of Figures

Summary

Context

The Social Assessment for Protected and Conserved Areas (SAPA), launched in 2014, responded to a need for a standardised, low-cost and relatively simple approach to assessing social impacts of protected or conserved areas (PCAs). SAPA can help identify positive and negative social impacts of PCAs, understand the underlying causes of problems related to governance and identify actions that could improve the situation. The methodology can also be used to establish a baseline for social impacts and their overall contribution to human wellbeing against which changes can be tracked over time. SAPA is a multi-stakeholder assessment methodology for use by site-level stakeholders. The methodology is based on a standardised process that can be replicated across PCAs while remaining flexible enough for tailoring to local needs and contexts.

Key Findings

Positive social impacts

Most positive social impacts across the six case studies fall under five main categories: 1) Ecosystem service benefits 2) PA-related employment 3) PA-supported development projects 4) Reduced human-wildlife conflict, and 5) Improved security

Short detail about each

Negative social impacts

Most negative social impacts across the six case studies fall under five main categories: 1) Ecosystem service benefits 2) PA-related employment 3) PA-supported development projects 4) Reduced human-wildlife conflict, and 5) Improved security

Short detail about each

Overall contribution to wellbeing

A

Governance

a

Differences by location and wellbeing

a

Recommendations going forward

Recommend xyz

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The Social Assessment of Protected Areas (SAPA) approach

SAPA, launched in 2014, responded to this need for a standardised, low-cost and relatively simple approach to assessing social impacts of PCAs. Rather than determining the actual contributions to wellbeing of a PCA, SAPA identifies ways to reduce negative impacts and increase the positive ones. It also shows how positive impacts can be shared within the community more equitably.

The framework also shows the two complementary ways of assessing social impacts used in SAPA. The first explores how wellbeing has changed over a given period (improved, deteriorated, no change) and the more significant factors that have contributed to this change. The second explores the main positive and negative impacts of the PCA on wellbeing and their significance over the same period.

SAPA uses a set of standard assessment questions directly related to social impacts and governance quality (Box 2.1). It also includes a process of developing site-specific questions that respond to specific information needs of actors. This combination of standard questions and site-specific questions enables comparison and aggregation across sites, as well as tailoring of the assessment to the needs of a specific site.

The inclusion of a governance and equity assessment in the second edition of SAPA strengthens the results and action planning processes. Governance is distinct from management and pays attention to who defines objectives and how. It also looks at allocation of responsibility and accountability for delivering on these objectives. Governance quality measures how well a PCA performs in terms of good governance principles (Borrini-Feyerabend et al. 2013). In the context of conservation, equity principles are of three main types – recognition, procedure and distribution (Pascual et al. 2014). These principles are considered a subset of good governance (Franks, Small and Booker 2018).

As another important strength, SAPA can distinguish between how a positive or negative impact differs among people according to various factors. These include food security, ethnicity, age,

Approach and Methods

SAPA uses a classic mixed methods approach that combines different tools to gather information, assess results and generate ideas for action in response to the results. Table 2.1 shows a timeline for the 19 activities of SAPA spread over five phases, along with corresponding outputs. The methods are all linked to a stakeholder analysis designed to ensure that all key actors are engaged effectively in the assessment. This process ranges from design and analysis to interpretation of results and actions that can improve the situation. The multi-stakeholder nature of the process increases the accuracy and credibility of results. It enhances transparency and ownership of the assessment. And it builds support for action and accountability for implementation. But the resistance of key actors can compromise the effectiveness of SAPA. Care and sensitivity are needed to manage the process and develop a sense of shared problemsolving, while avoiding conflict. More details about the methodology, the analytical framework, research design and process can be found in the SAPA manual (Franks, Small and Booker 2018).

Preparation

Preparation

Scoping

Scoping

Information Gathering

Existing reports

Existing reports

Developing household questionnaire

Developing household questionnaire

Enumerator Training

Enumerator Training

Household Survey

Household Survey

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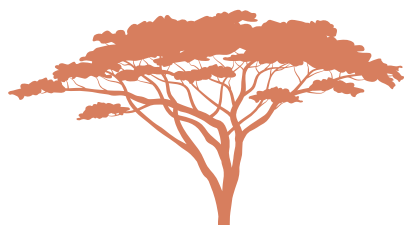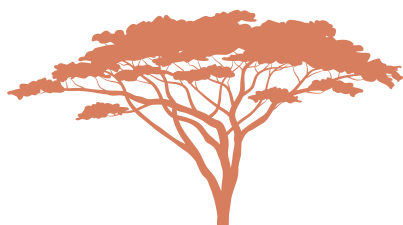
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Figure 1: Flamingos

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Table 1: Number of households sampled

mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
21.0	6	160	110	3.90	2.620	16.46	0	1	4	4
21.0	6	160	110	3.90	2.875	17.02	0	1	4	4
22.8	4	108	93	3.85	2.320	18.61	1	1	4	1
21.4	6	258	110	3.08	3.215	19.44	1	0	3	1

mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
18.7	8	360	175	3.15	3.440	17.02	0	0	3	2
18.1	6	225	105	2.76	3.460	20.22	1	0	3	1
14.3	8	360	245	3.21	3.570	15.84	0	0	3	4

36%
Did one thing

45%
Did one thing

86%
Did one thing

5%
Did one thing

36%
Did one thing

77%
Did one thing

A nice car

A nice plane

36%
Did one thing
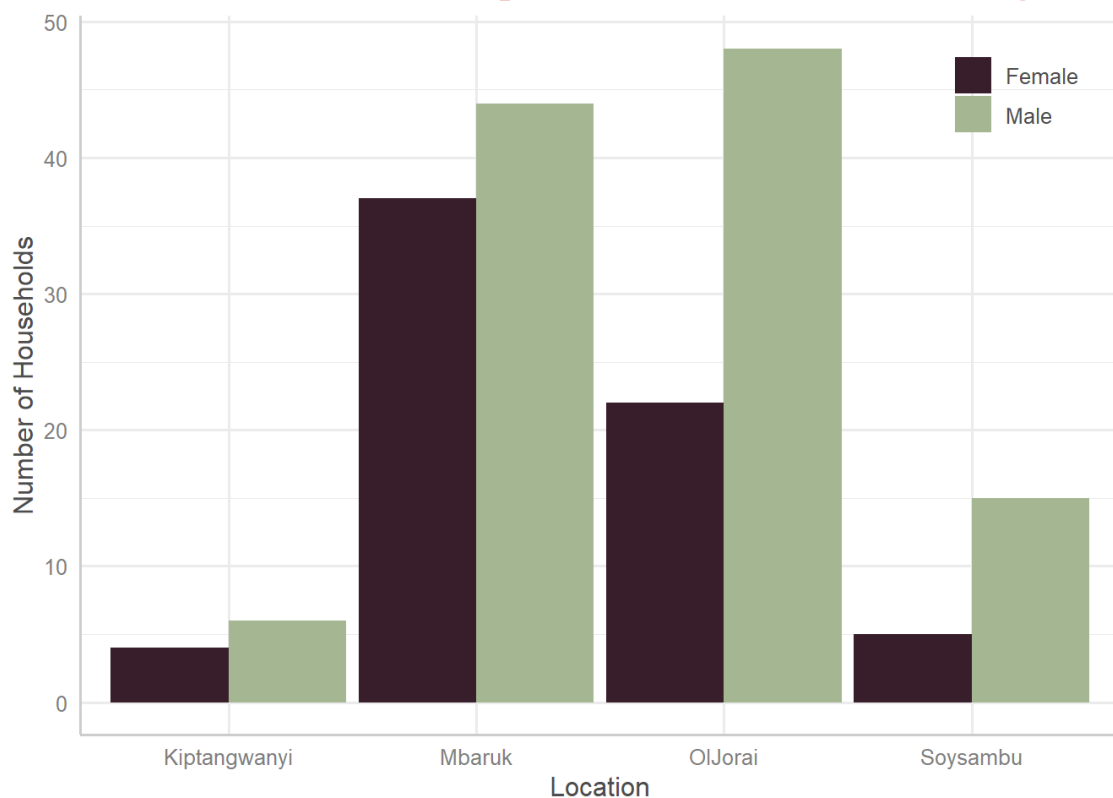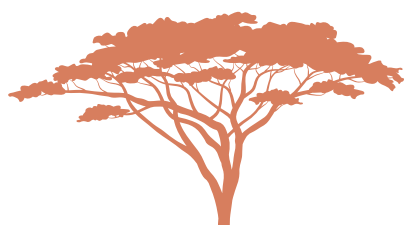

Figure 2: Figure 3. Gender of respondents

Findings

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36%
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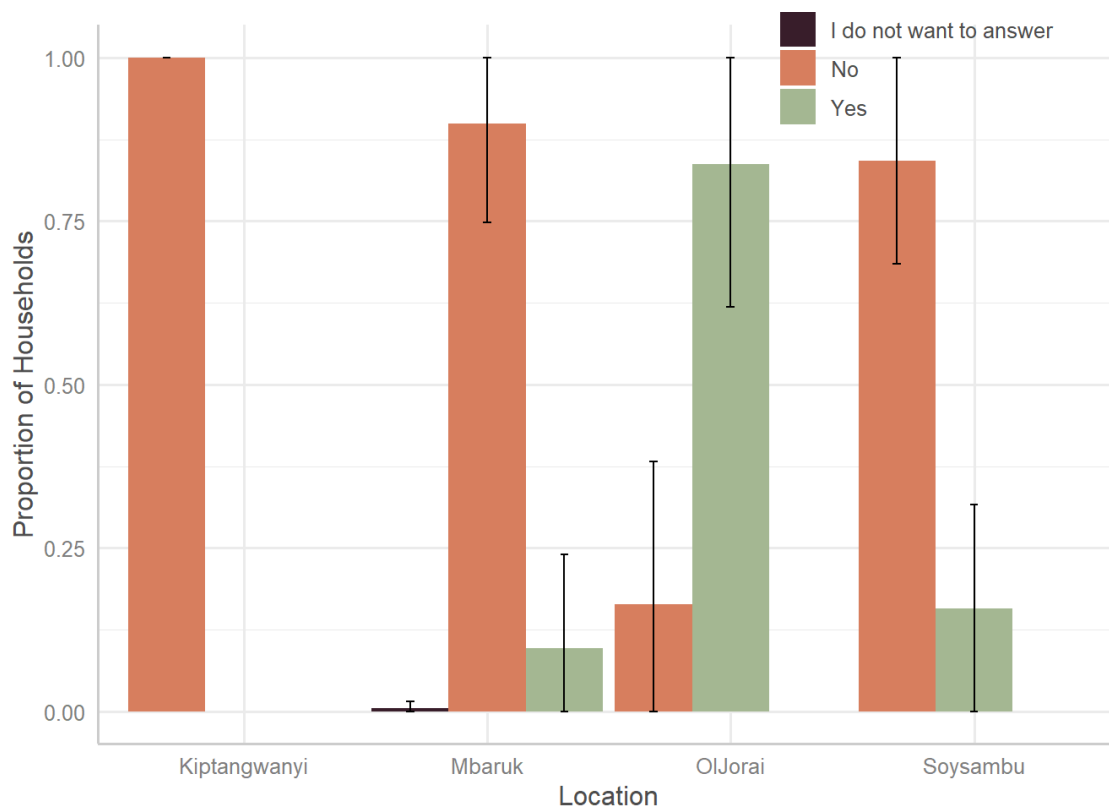
Figure 3: Figure 4. Proportion of Households born in their area

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Conclusion

Level 2

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Bibliography

R Core Team. 2019. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. https://www.R-project.org.

Wickham, Hadley. 2022. *Stringr: Simple, Consistent Wrappers for Common String Operations*. https://CRAN.R-project.org/package=stringr.

Xie, Yihui. 2014. "Knitr: A Comprehensive Tool for Reproducible Research in R." In *Implementing Reproducible Computational Research*, edited by Victoria Stodden, Friedrich Leisch, and Roger D. Peng. Chapman; Hall/CRC.

———. 2015. *Dynamic Documents with R and Knitr*. 2nd ed. Boca Raton, Florida: Chapman; Hall/CRC. https://yihui.org/knitr/.

———. 2023. *Knitr: A General-Purpose Package for Dynamic Report Generation in r*. https://yihui.org/knitr/.

Appendix

Appendix 1

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Appendix 2

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14.3	8	360.0	245	3.21	3.570	15.84	0	0	3	4
24.4	4	146.7	62	3.69	3.190	20.00	1	0	4	2
22.8	4	140.8	95	3.92	3.150	22.90	1	0	4	2
19.2	6	167.6	123	3.92	3.440	18.30	1	0	4	4
17.8	6	167.6	123	3.92	3.440	18.90	1	0	4	4
16.4	8	275.8	180	3.07	4.070	17.40	0	0	3	3
17.3	8	275.8	180	3.07	3.730	17.60	0	0	3	3
15.2	8	275.8	180	3.07	3.780	18.00	0	0	3	3
10.4	8	472.0	205	2.93	5.250	17.98	0	0	3	4
10.4	8	460.0	215	3.00	5.424	17.82	0	0	3	4
14.7	8	440.0	230	3.23	5.345	17.42	0	0	3	4
32.4	4	78.7	66	4.08	2.200	19.47	1	1	4	1
30.4	4	75.7	52	4.93	1.615	18.52	1	1	4	2
33.9	4	71.1	65	4.22	1.835	19.90	1	1	4	1