



# A 'Theory of Change' for community-inclusive coastal-marine governance: An African perspective

Wayne Stanley Rice  
University of Cape Town





# Introduction

South African CBC status



Land claims and the pursuit of co-management on four protected areas in South Africa

G. Cundill<sup>a,b,\*</sup>, G. Thondhlana<sup>a</sup>, L. Sisitka<sup>b</sup>, S. Shackleton<sup>a</sup>, M. Blore<sup>a</sup>

Land restitution and income generation in protected areas in Mpumalanga, South Africa

Mirjam de Koning & Frik De Beer

From colonial  
Environment  
South Africa  
Jackiyn Cock

Returning Manyeleti Game Reserve to its rightful  
owners: land restitution in protected areas in  
Mpumalanga, South Africa

*Unasylva* 236, Vol. 61, 2010

*M.A.I. de Koning*

From land rights to environmental entitlements:  
Community discontent in the 'successful' Dwesa-  
Cwebe land claim in South Africa

Zolile Ntshona, Mcebisi Kraai, Thembela Kepe & Paul Saliwa

Land and Justice in South Africa:

Exploring the Ambiguous Role of the State in the  
Land Claims Process

Thembela Kepe

*Environmental Conservation* 37 (1): 5–15 2010

## From hope to crisis and back again? A critical history of the global CBNRM narrative

*Forest Policy and Economics* 10 (2008) 435–443  
CHER<sup>2,3</sup>, MICHAEL SCHOON<sup>4</sup>,  
AND CHRISTIAN A. KILLI<sup>7</sup>

Legal frameworks for and the practice of participatory natural resources management in South Africa

*African Studies Quarterly* | Volume 5, Issue 3 | Fall 2001  
(2007) 92–107

## Challenges Facing a Community Structure to Implement CBNRM in the Eastern Cape, South Africa

MICHELLE COCKS, ANTHONY DOLD AND ISLA GRUNDY

*Community Development Journal* Vol 48 No 4 October 2013 pp. 555–570

## Community-based natural

management: living  
underland?

*Sustainability* 2009, 1, 734-788

## The Realities of Community Based Natural Resource Management and Biodiversity Conservation in Sub-Saharan Africa

Paul Andre DeGeorges <sup>\*#</sup> and Brian Kevin Reilly



SOCIETY & NATURAL RESOURCES

2016, VOL. 29, NO. 4, 403–417

# Co-Management, Land Rights, and Conflicts Around South Africa's Silaka Nature Reserve

Gladman Thondhlana, Georgina Cundill & Thembela Kepe

INTERNATIONAL JOURNAL OF BIODIVERSITY SCIENCE, ECOSYSTEM SERVICES & MANAGEMENT, 2017

VOL. 13, NO. 1, 204–215

# Local people and conservation officials' perceptions on relationships and conflicts in South African protected areas

Gladman Thondhlana & Georgina Cundill

*Canadian Journal of Development Studies* Vol. 34, No. 4, 482–497, 2013

# The community versus community-based natural resource management: the case of Ndumo game reserve, South Africa

Talia Meer & Matthew A. Schnurr

*Forests, Trees and Livelihoods*, 2004, Vol. 14, pp. 149–165

## **PARTICIPATORY FOREST MANAGEMENT IN CONSERVATION AREAS: THE CASE OF CWEBE, SOUTH AFRICA**

I. M. GRUNDY , B. M. CAMPBELL , R. M. WHITE , R. PRABHU , S. JENSEN & T. N.  
NGAMILE

*Environmental Conservation* 37 (3): 2010

## **Towards community-based forest management in Southern Africa: do decentralization experiments work for local livelihoods?**

FRANK MATOSE<sup>1\*</sup> AND SCOTNEY WATTS<sup>2</sup>

*Environmental Conservation* 32 (1): 64–75 2005

## **User perceptions of conservation and participatory management of iGxalingenwa forest, South Africa**

JOHN ROBERTSON AND MICHAEL J. LAWES

## Perceptions of subsistence and informal fishers in South Africa regarding the management of living marine resources

M. Hauck , M. Sowman , E. Russell , B. M. Clark , J. M. Harris , A. Venter , J. Beaumont & Z. Maseko

## Marine Conservation and Coastal Communities: Who Carries the Costs?

### A Study of Marine Protected Areas and Their Impact on Traditional Small-scale Fishing Communities in South Africa

Jackie Sunde and Moenieba Isaacs

SAMUDRA Monograph

April 2008

## formalizing a marginalized fishing sector in South Africa

J. M. Harris , M. Sowman , G. M. Branch , B. M. Clark , A. C. Cockcroft , C. Coetzee , A. H. Dye , M. Hauck , A. Johnston , L. Kati-Kati , Z. Maseko , K. Salo , W. H. H. Sauer , N. Siqwana-Ndulo & J. Beaumont

*Marine Policy* 25 (2001) 173–185

## Coastal and fisheries co-management in South Africa: an overview and analysis

*Ocean and Coastal Management* 157 (2018) 168–179

## Social impacts of marine protected areas in South Africa on coastal fishing communities

Merle Sowman\*, Jackie Sunde

Volume 46, Issues 1–2, 2003, Pages 199-219

## The tyranny of the past: why local histories matter in the South African fisheries

Lance van Sittert  



# Introduction

Need shifting approach to conservation governance regimes

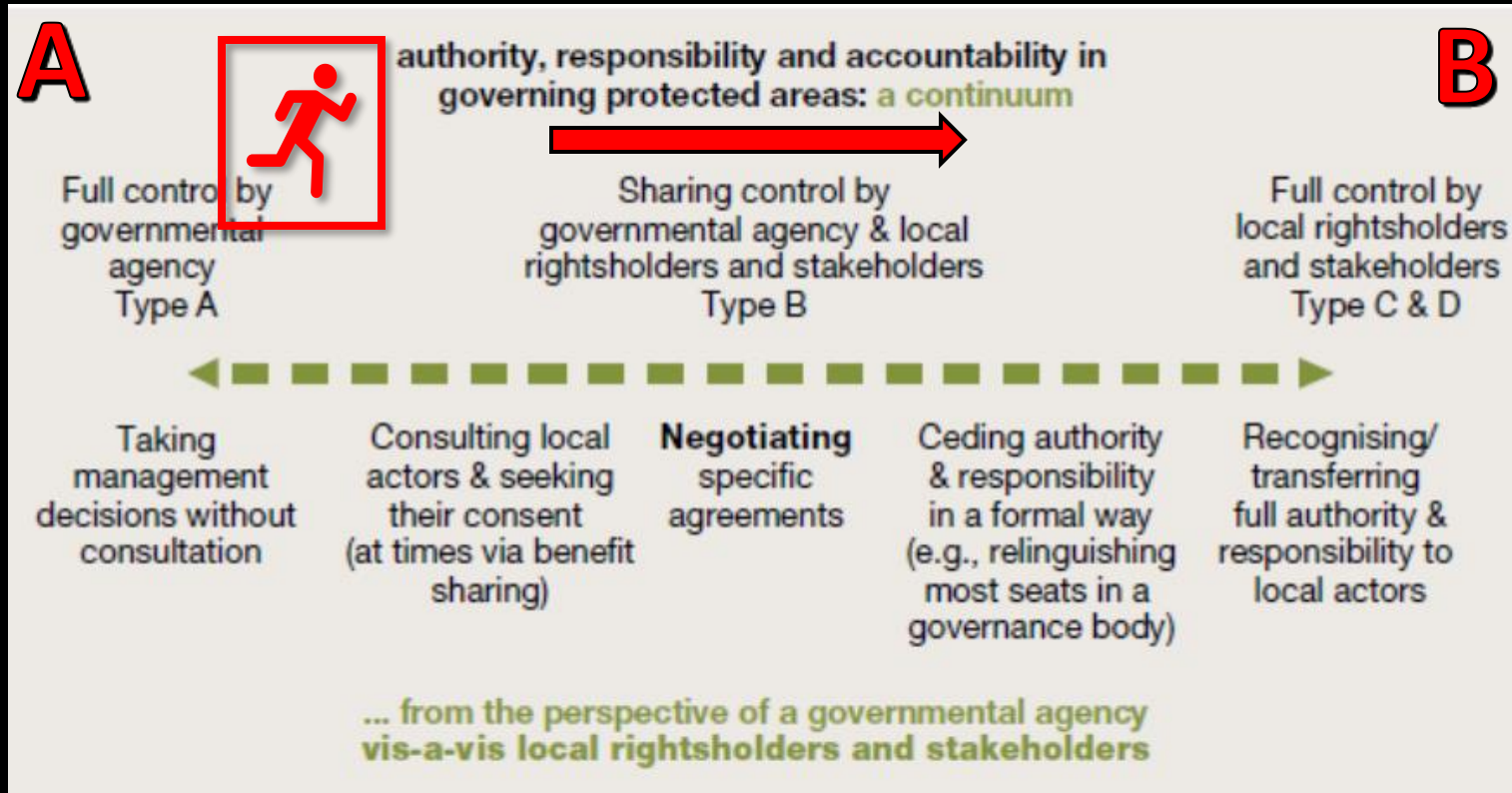


Figure 1: Conservation Governance Continuum. Source: Borrini-Feyerabend et al. (2013)



# Theoretical Approach

## Theory of Change

- What is 'Theory of Change'?
- 'way of thinking', **process** and product
- Flexible & useful approach
- Assumptions & 'Desired Change'
- 'How' and 'Why' community initiative works
- Limited use in conservation

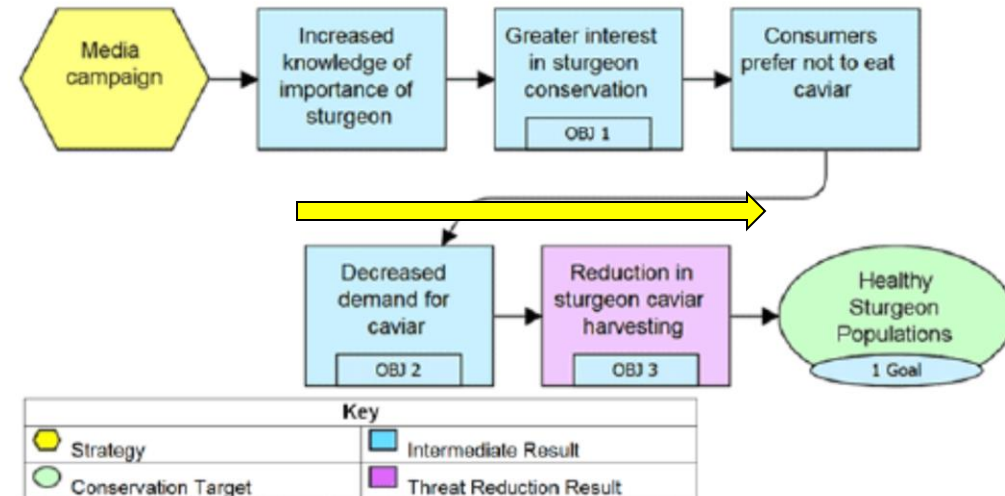




*Insight*, part of a Special Feature on [Exploring Opportunities for Advancing Collaborative Adaptive Management \(CAM\): Integrating Experience and Practice](#)

## Results Chains: a Tool for Conservation Action Design, Management, and Evaluation

Richard Margoluis<sup>1</sup>, Caroline Stem<sup>1</sup>, [Vinaya Swaminathan<sup>1</sup>](#), Marcia Brown<sup>1</sup>, Arlyne Johnson<sup>1</sup>, Guillermo Placci<sup>1</sup>, [Nick Salafsky<sup>1</sup>](#) and Ilke Tilders<sup>1</sup>



Contents lists available at [ScienceDirect](#)

## Biological Conservation

journal homepage: [www.elsevier.com/locate/biocon](http://www.elsevier.com/locate/biocon)



Perspective

### Commonalities and complementarities among approaches to conservation monitoring and evaluation



Michael B. Mascia<sup>a,\*</sup>, Sharon Pailler<sup>a,1,3</sup>, Michele L. Thieme<sup>a</sup>, Andy Rowe<sup>b</sup>, Madeleine C. Bottrill<sup>c</sup>, Finn Danielsen<sup>d</sup>, Jonas Geldmann<sup>e</sup>, Robin Naidoo<sup>a</sup>, Andrew S. Pullin<sup>f</sup>, Neil D. Burgess<sup>a,e,2</sup>

#### WHAT DO I WANT TO DO?

Identify location of and targets for an intervention

Identify gaps in management capacity and resources

Determine if intervention activities are implemented as planned

Determine the impact of intervention activities on conservation outcomes

Decide to continue, expand, or halt program activities

Determine how much is known about the impacts of an intervention

Determine the likely impacts of an intervention in different contexts

#### WHAT QUESTION SHOULD I ASK?

What is the state of ambient social and/or ecological conditions, and how are these conditions changing over time and space?

What are the management inputs, activities, and outputs associated with a conservation intervention, and how are these changing over time?

To what extent is a conservation intervention making progress toward its intended objectives for activities, outputs, and outcomes?

What intended and unintended impacts are causally induced by a conservation intervention?

What is the state of the evidence for the impact of an intervention, and what does this evidence say about intervention impacts?

#### WHAT APPROACH SHOULD I USE?

Ambient Monitoring

Management Assessment

Performance Measurement

Impact Evaluation

Systematic Review



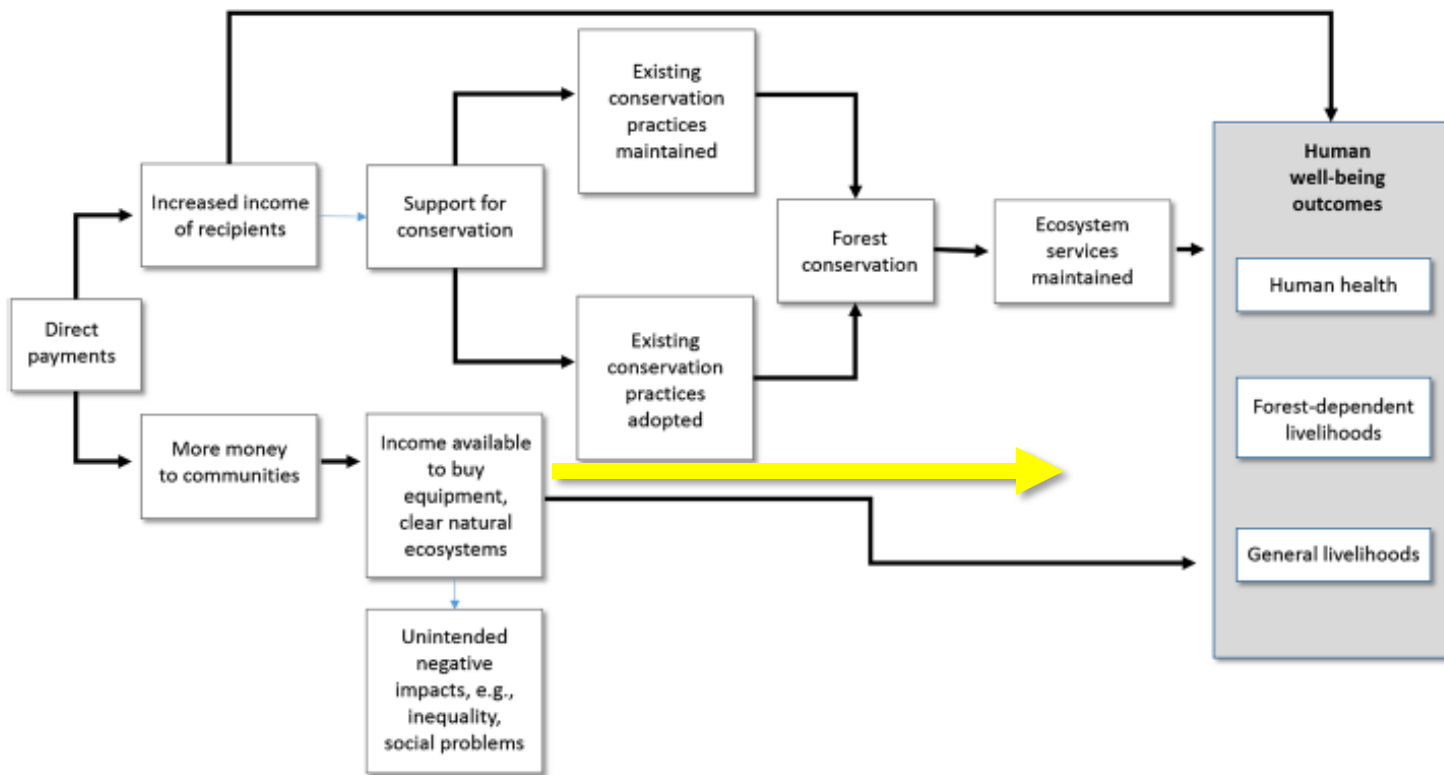


Figure 2 Detailed conceptual model illustrating theory of change linking direct payments for conservation with intended outcomes for human well-being through multiple causal pathways.

Bottrill *et al. Environmental Evidence* 2014, 3:16  
<http://www.environmentalevidencejournal.org/content/3/1/16>

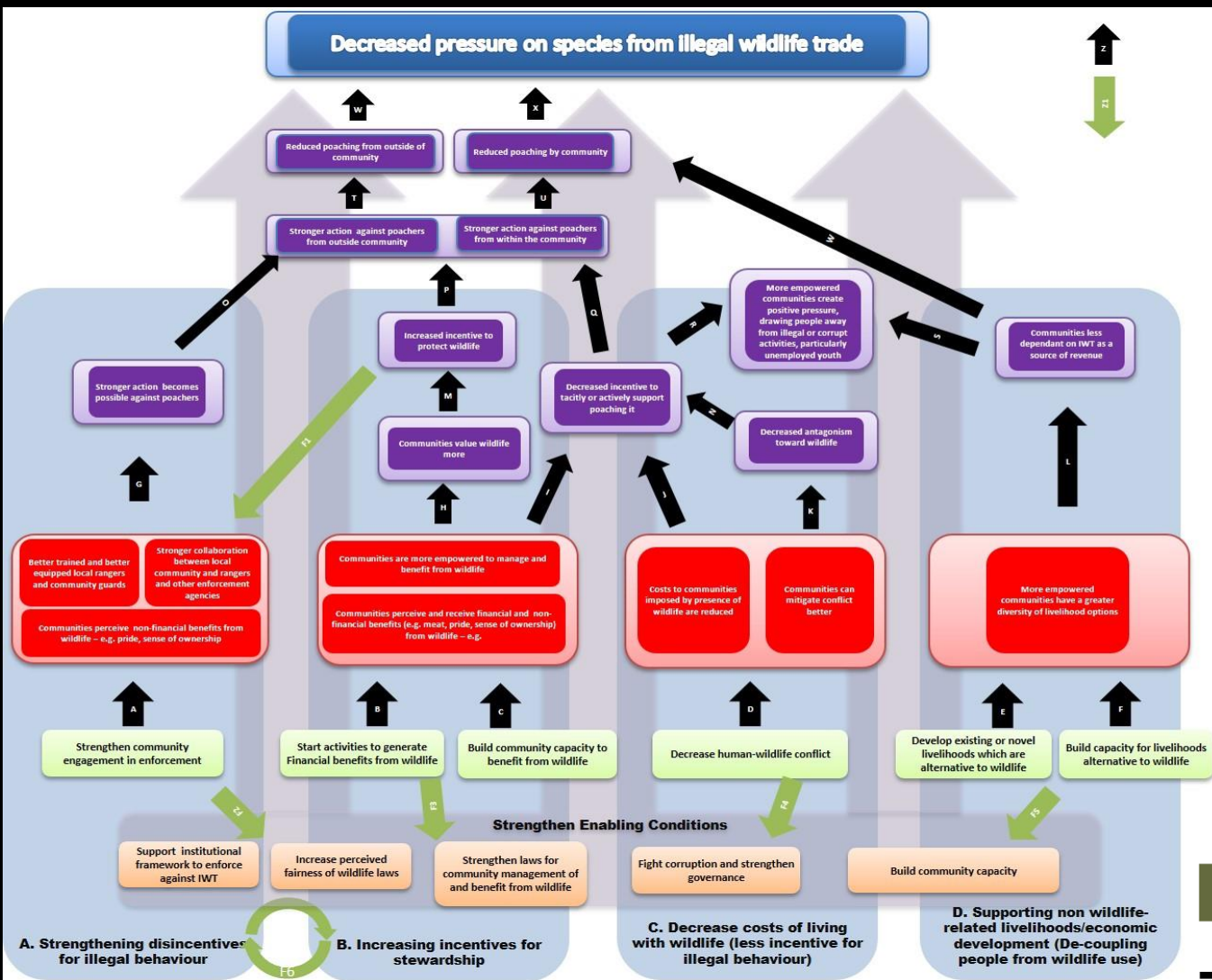


SYSTEMATIC REVIEW PROTOCOL

Open Access

## What are the impacts of nature conservation interventions on human well-being: a systematic map protocol

Madeleine Bottrill<sup>1\*</sup>, Samantha Cheng<sup>2</sup>, Ruth Garside<sup>3</sup>, Supin Wongbusarakum<sup>4</sup>, Dilys Roe<sup>5</sup>, Margaret B Holland<sup>6</sup>, Janet Edmond<sup>1</sup> and Will R Turner<sup>1</sup>



# Developing a theory of change for a community-based response to illegal wildlife trade

Duan Biggs,<sup>\*†‡§¶</sup> Rosie Cooney,<sup>§\*\*</sup> Dilys Roe,<sup>§††</sup> Holly T. Dublin,<sup>§‡‡</sup> James R. Allan,<sup>†§§</sup> Dan W.S. Challender,<sup>§\*\*\*</sup> and Diane Skinner<sup>‡††††</sup>

# Methodology

- Case study approach
- Semi-Structured Interviews
- *Social Relations and Networks Appraisal*
- Limited Participant Observation
- Attendance CBO Meetings





# Case Study Sites

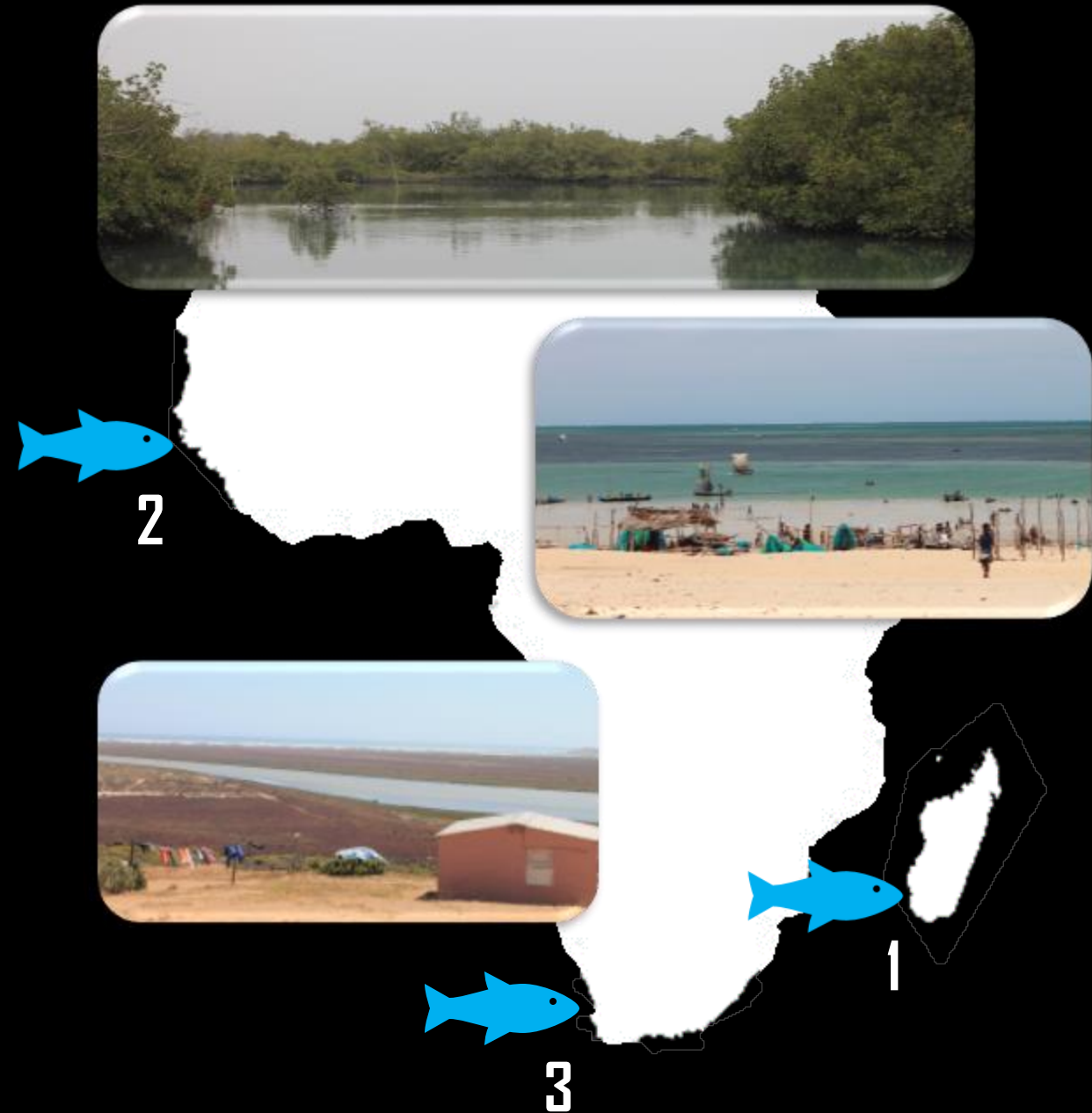
- **Case Study 1:** The Bay of Ranobe, south-west Madagascar
- **Case Study 2:** The Urok Islands, Bijagós Archipelago, Guinea-Bissau
- **Case Study 3:** The Olifants Estuary, west coast, South Africa



# Case Study Sites

## Overview:

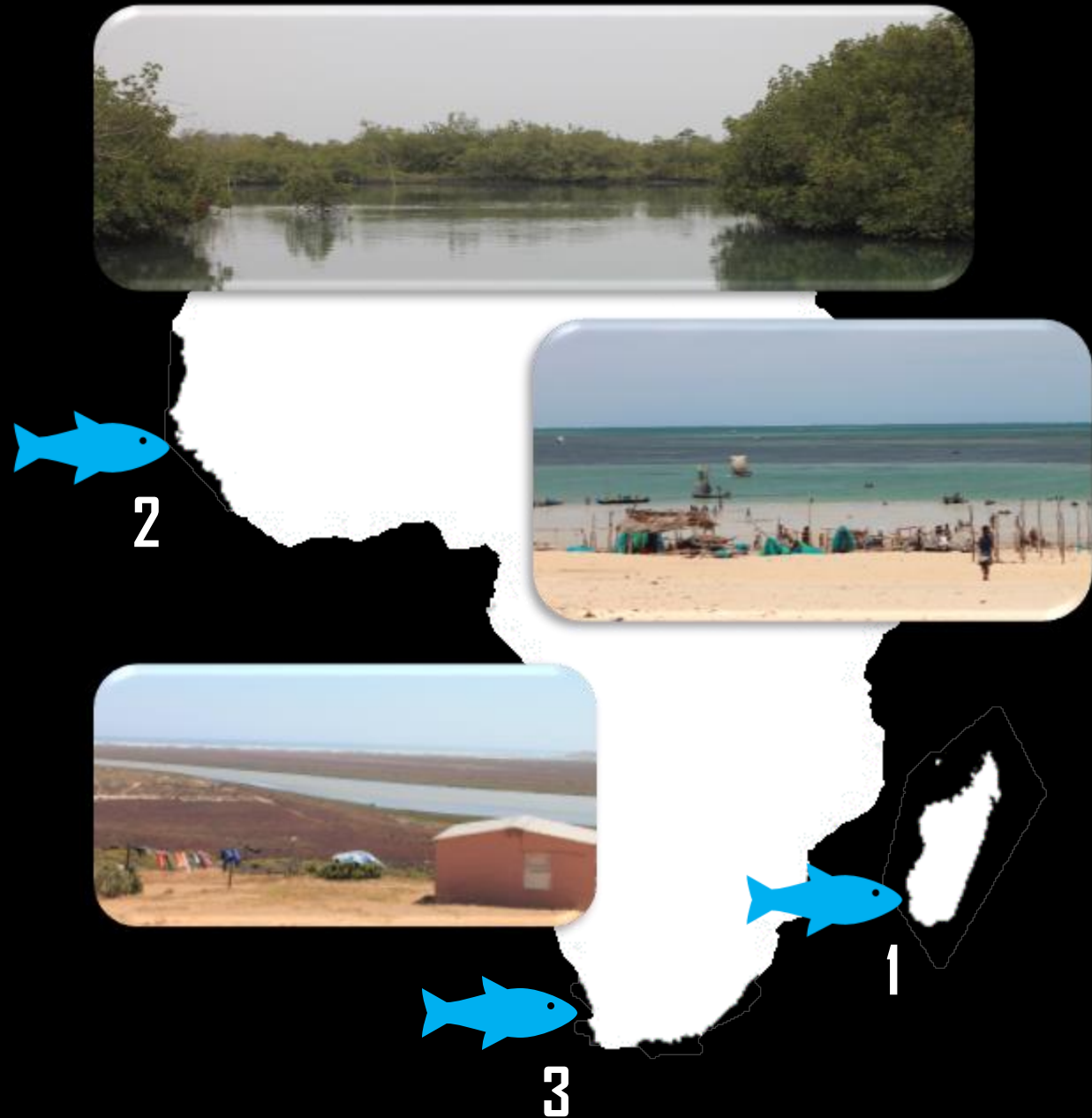
- Fragile States (1 & 2)
- All marginalized socio-political histories (colonialism; racial/ ethnic minorities)
- All high poverty rates, food insecurity & natural resource dependence
- All areas of recognised biodiversity



# Case Study Sites

## CBC initiatives:

- All community initiated
- All legal recognition
- Case 1 & 2: Implemented over 10 years ago with NGO support
- Case 3: in implementation phase





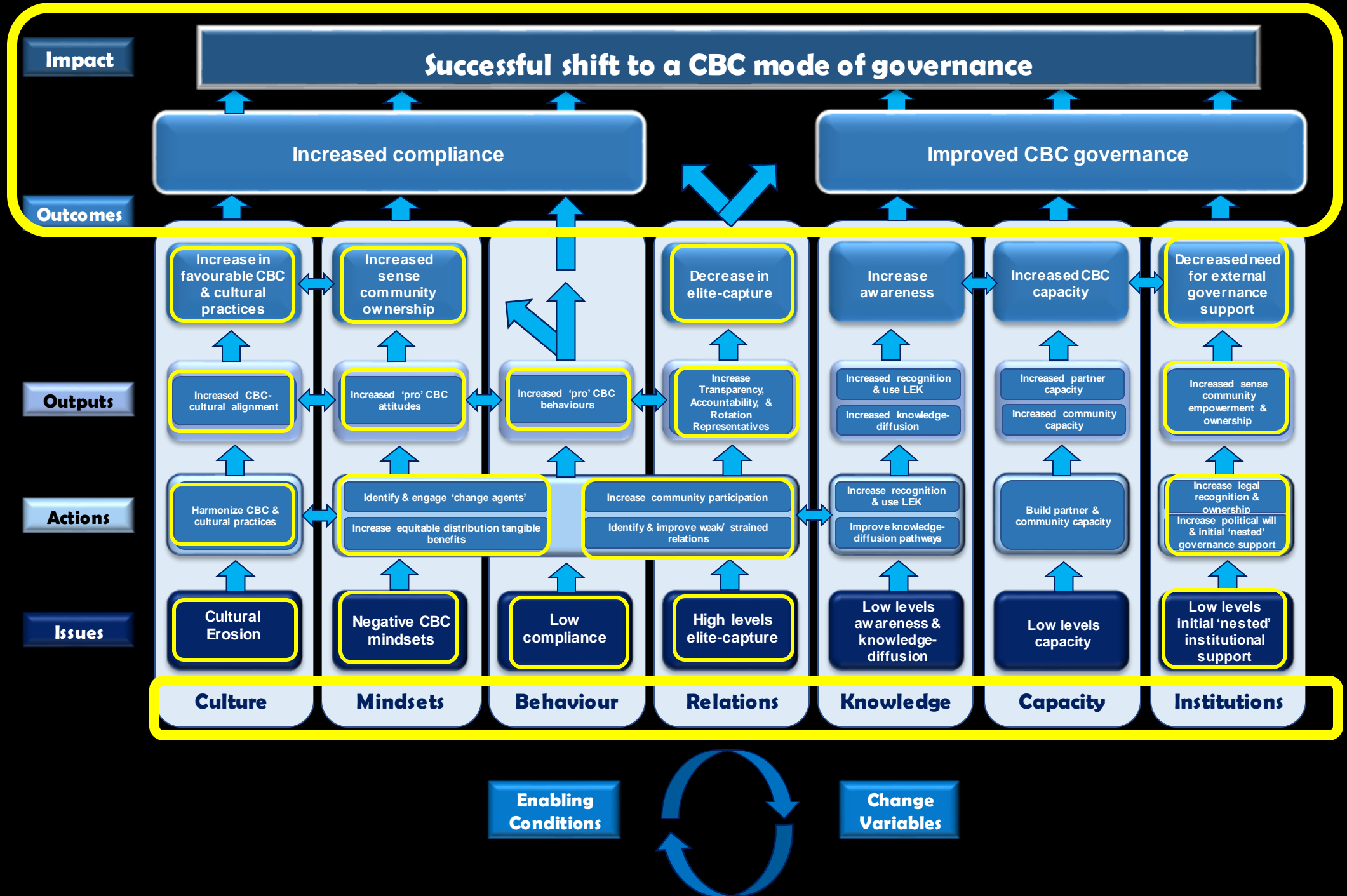
# Findings

## Overview:

- Extreme poverty & limited livelihood options
- Sense attachment to place
- In-migration of 'outsiders'
- Strained social relations, 'mending' is key
- External Agent (e.g. NGO, State, Academic etc...) facilitation is key
- Aid-dependency
- Perceived elite-capture of knowledge and benefits



# Findings



# Conclusion(s)

CBC implementation "change process":

- Recognising, reinforcing & harmonizing cultural & 'conventional' conservation practices
- Promoting positive mindsets by developing community capacity, empowerment, and sense of ownership
- Balancing socio-economic & conservation objectives
- Identifying and 'mending' strained/ unproductive relations & networks
- Affording legal recognition with nested institutional support with the ultimate goal of withdrawal







# Resilience and the Digital Divide Gap (e.g. (Eg. nkyværaet 2017) 017)







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