

Rehabilitation in SANParks: Opportunities & Constraints



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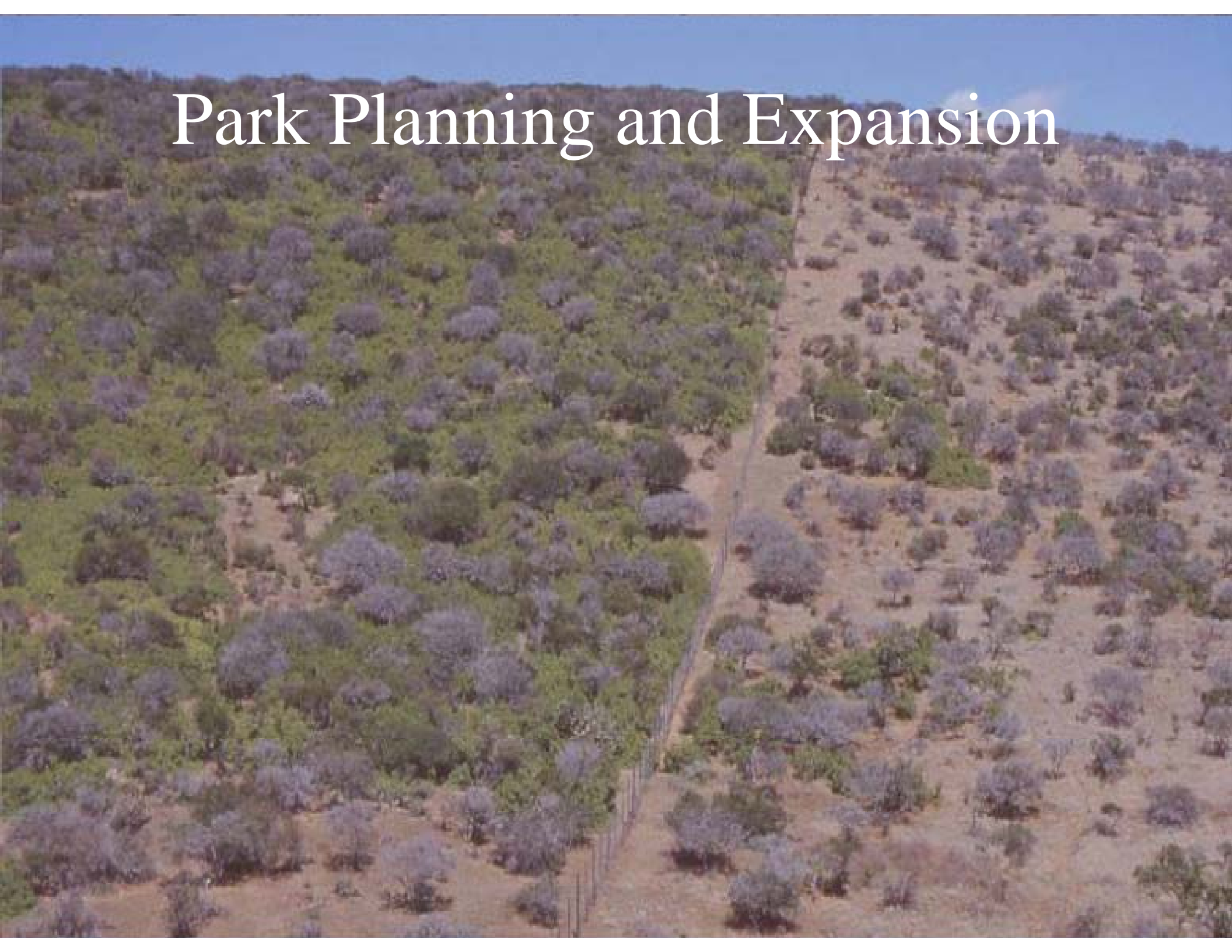
Objective

To increase the awareness for opportunities
and to generate enough interest for
researchers to undertake
**restoration/rehabilitation orientated
research**

Rehabilitation is not an option but a **necessity**

- Biodiversity continues to be lost globally with **no signs of improvement**
- Main drivers - habitat change, **climate change**, invasive species, and pollution
- Biodiversity is lined to **ecosystem services** which is in turn lined to well human beings
- Attention should not only be on the current loss of biodiversity but also **historical**

Park Planning and Expansion

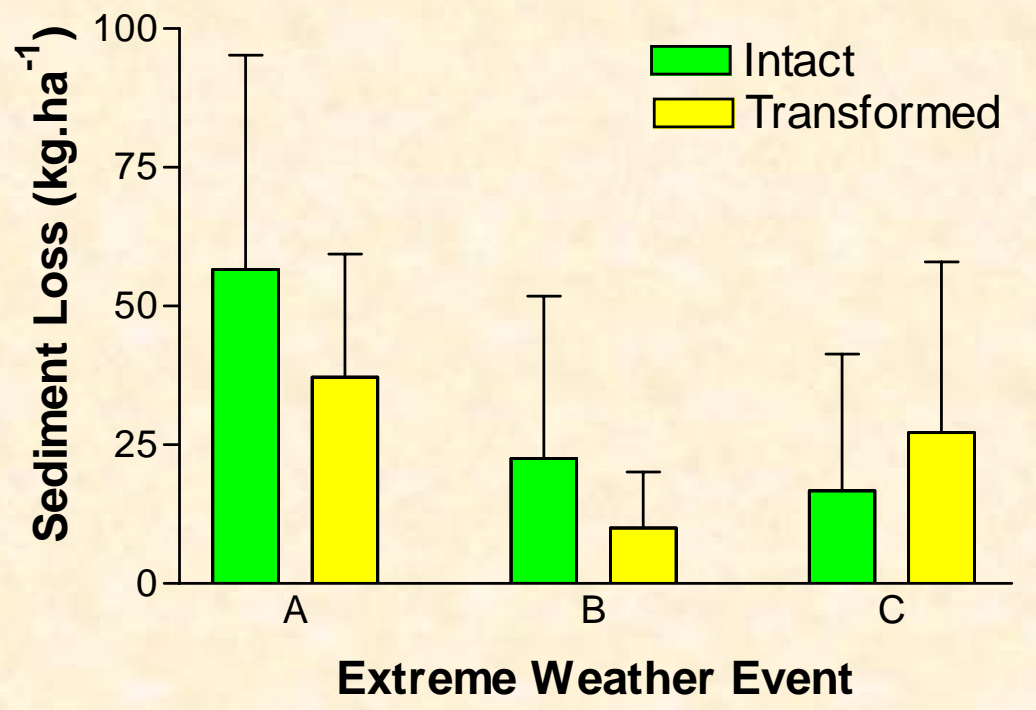
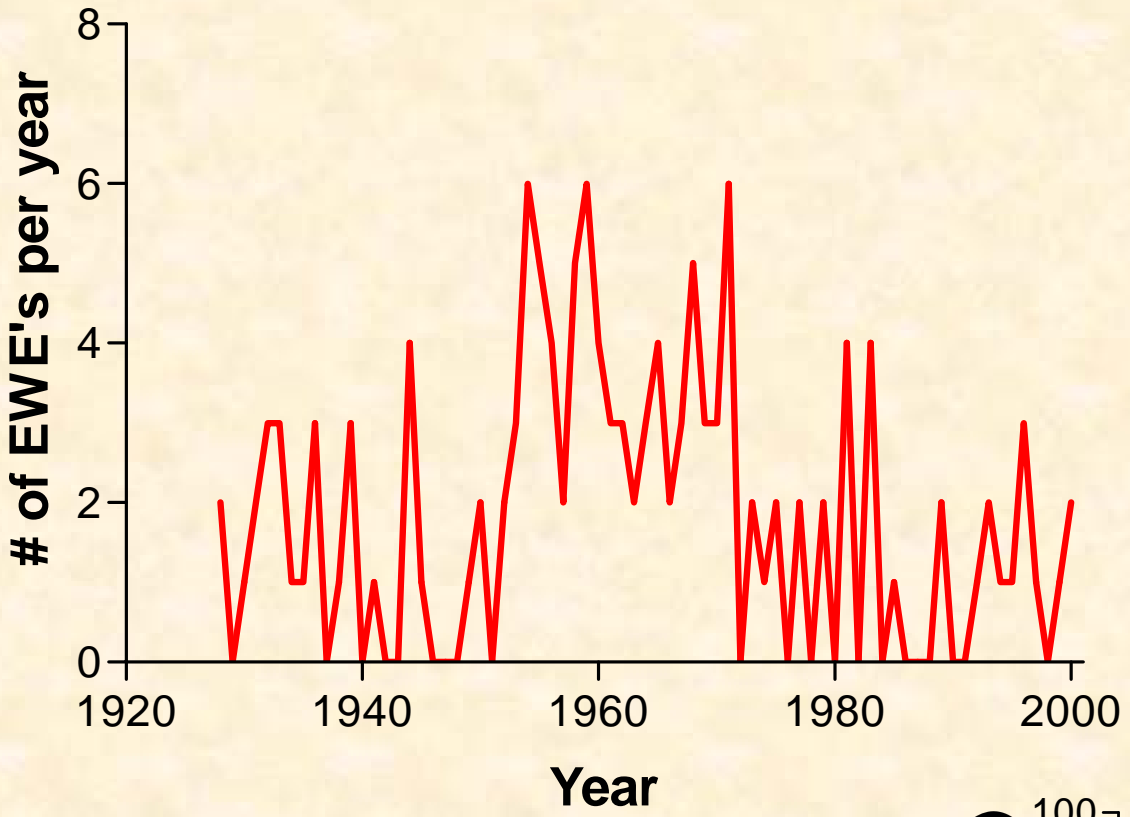




Ecological Patterns and Processes













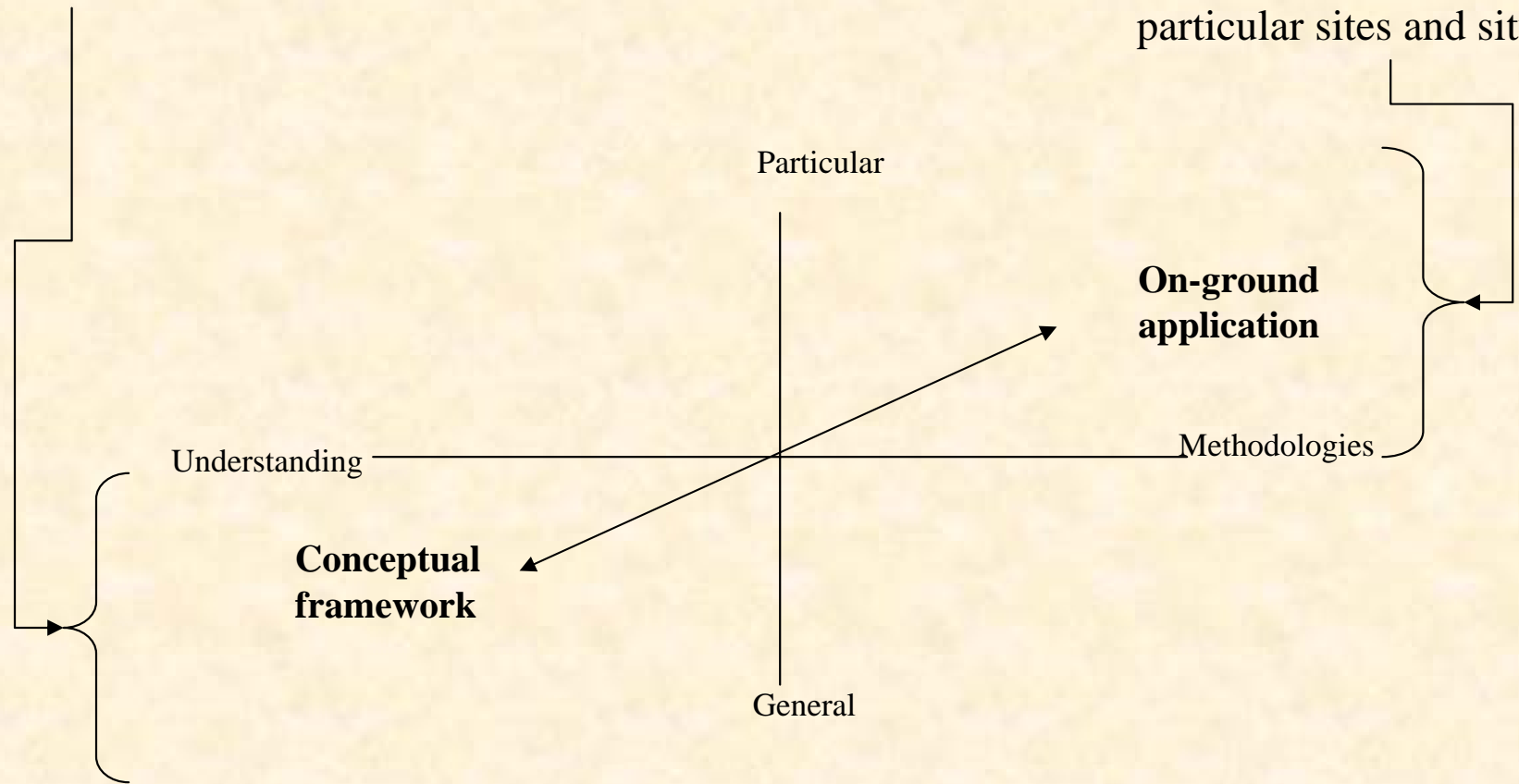




OK! JUST ANOTHER STEP BACK AND WE CAN FIT IT ALL IN

How systems operate

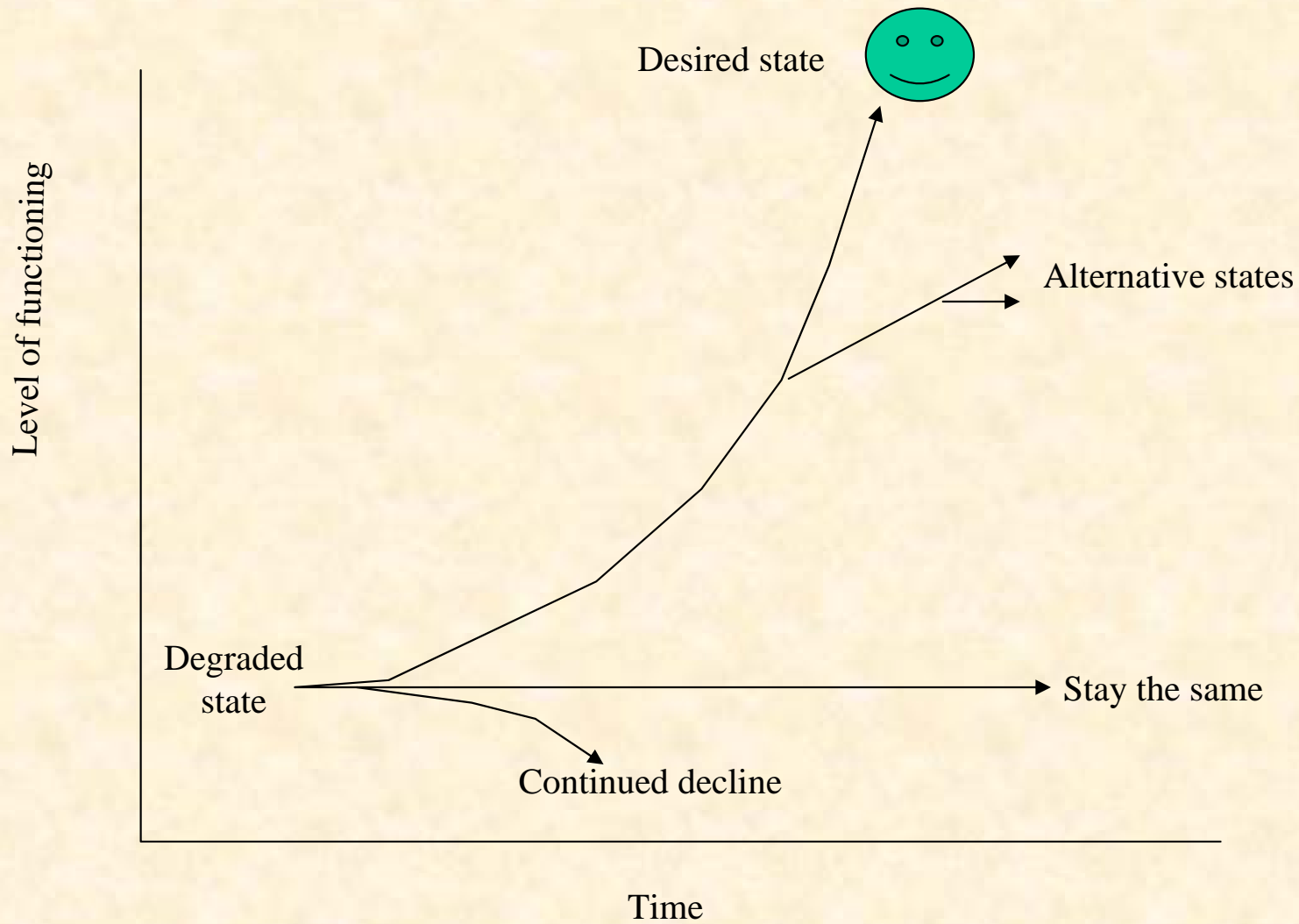
Methodologies relating to particular sites and situations



Some attention needs to be paid on conceptual basis but this must be related back to features that are of importance in the practical realm



Degradation system





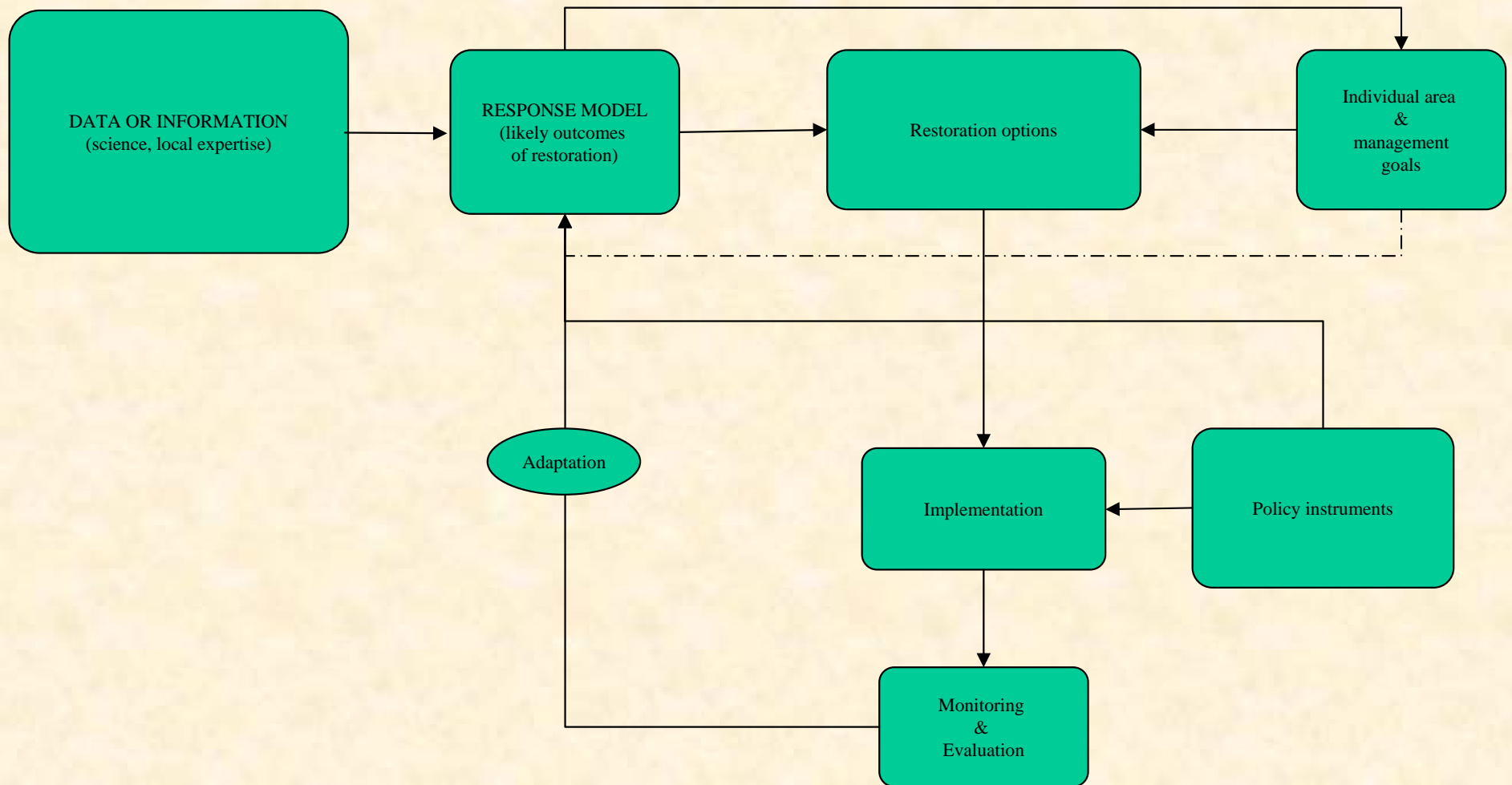
First Prize

Second Prize

Not an option



Framework



Proposed Approach

Academic

Low

High

Low

Low

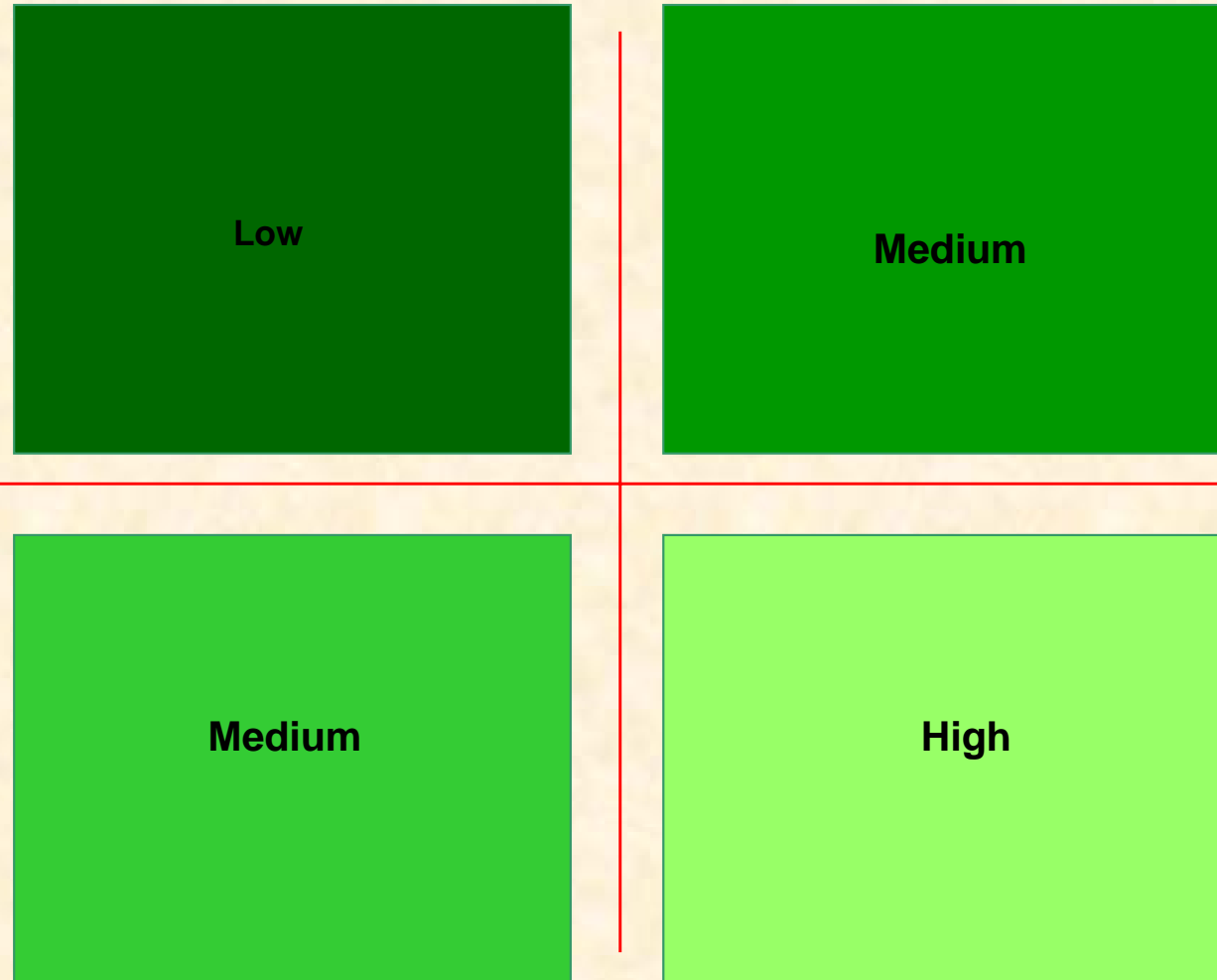
Medium

Management

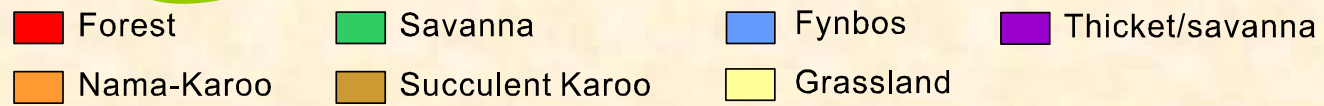
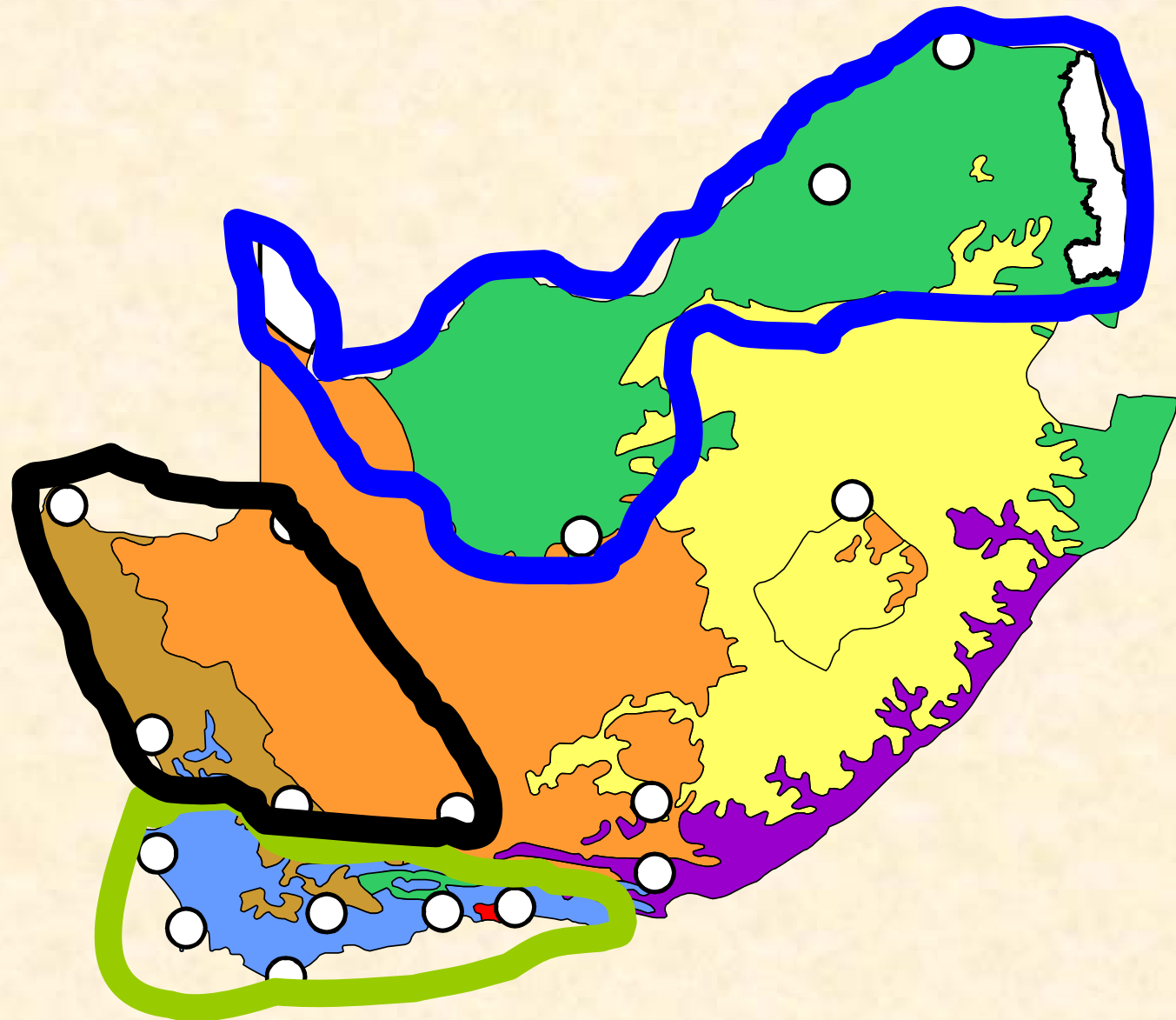
High

Medium

High



Context



Expectations from projects

- Baseline data underpinning establishment of a monitoring programme
 - TPC approach
- Identification of a few key indicators

Proposed objectives

To return a degraded landscapes →
protective, productive, aesthetically pleasing,
or valuable in a **conservation** sense

- Mechanisms for reduction of fragmentation
 - increase density and diversity of vegetation elements
- To ameliorate the physical and chemical characteristics of soils especially historically ploughed
- Understanding and intervening against soil erosion

Time for
discussions

