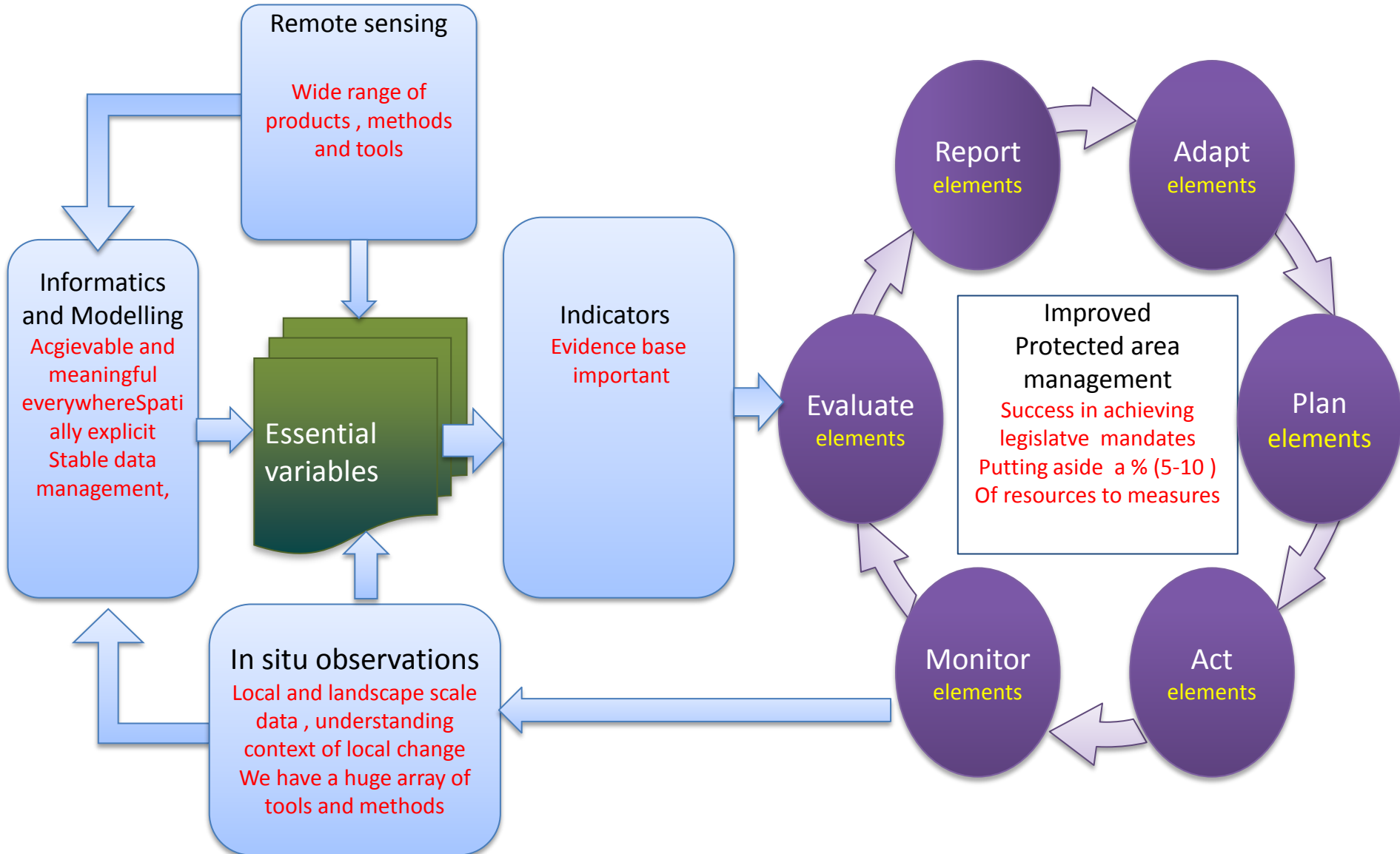


Monitoring inside and outside protected areas: Where to from here?

Applications in relation to key topics

- In-situ monitoring, integration of multiple programs, observations inside and outside of protected areas.: *Citizen science, rapid assessment* ,
- Integrating in situ observations with remote sensing satellite, airborne, and in situ remote sensing. *Instant wild , wild count, global forest watch*
- Ecoinformatics: Organising evidence for biodiversity *Global freshwater atlas, indicators dashboard*
- Indicators Targets, spatial scale *monitoring actions*
- Adaptive Management Links to protected area management. *Smart*
- Modelling. *Global freshwater biodiversity atlas*



Summary of ideas

Improving biodiversity information to measure progress towards conservation goals

1. Reducing biodiversity loss is central to reaching conservation goals.
2. Biodiversity change is complex, measuring loss is difficult and requires integration of multiple types of information from local to global scales.
3. Frameworks aimed at improving global biodiversity monitoring, analysis and integration and reporting of the data can help protected area management. Plan to keep things going forward
4. Legacy of WPC 2014 on monitoring: a framework for that better linking monitoring and the management of data and information on biodiversity to protected area management to conservation goals .

For The Promise of Sydney

We need an integrated global plan to network observations and models on the status and trends of biodiversity within and around protected areas as a means of measuring the effectiveness of protected areas.

For the promise of Sydney

- Importance of biodiversity monitoring, for reaching conservation goals (*Promising future*) , Since a decade ago there have been lots of monitoring.
- Accurate statements about the current status of biodiversity information (*Current situation*). Existing data may be inadequate but integration is critical and without it gaps cannot be identified.
- 3 Cases illustrating successful integration of biodiversity data to support protected area management (*evidence of inspiring /successful approaches*)
 - Smart site level but consistent
 - LPI, redlist
- Call for that a greater consistency in the collection, evaluation and reporting of biodiversity data within each country and globally, inside and outside protected areas. (*recommendation*)
- Call for countries to manage their biodiversity data well and make these discoverable, available and accessible (*recommendation*).