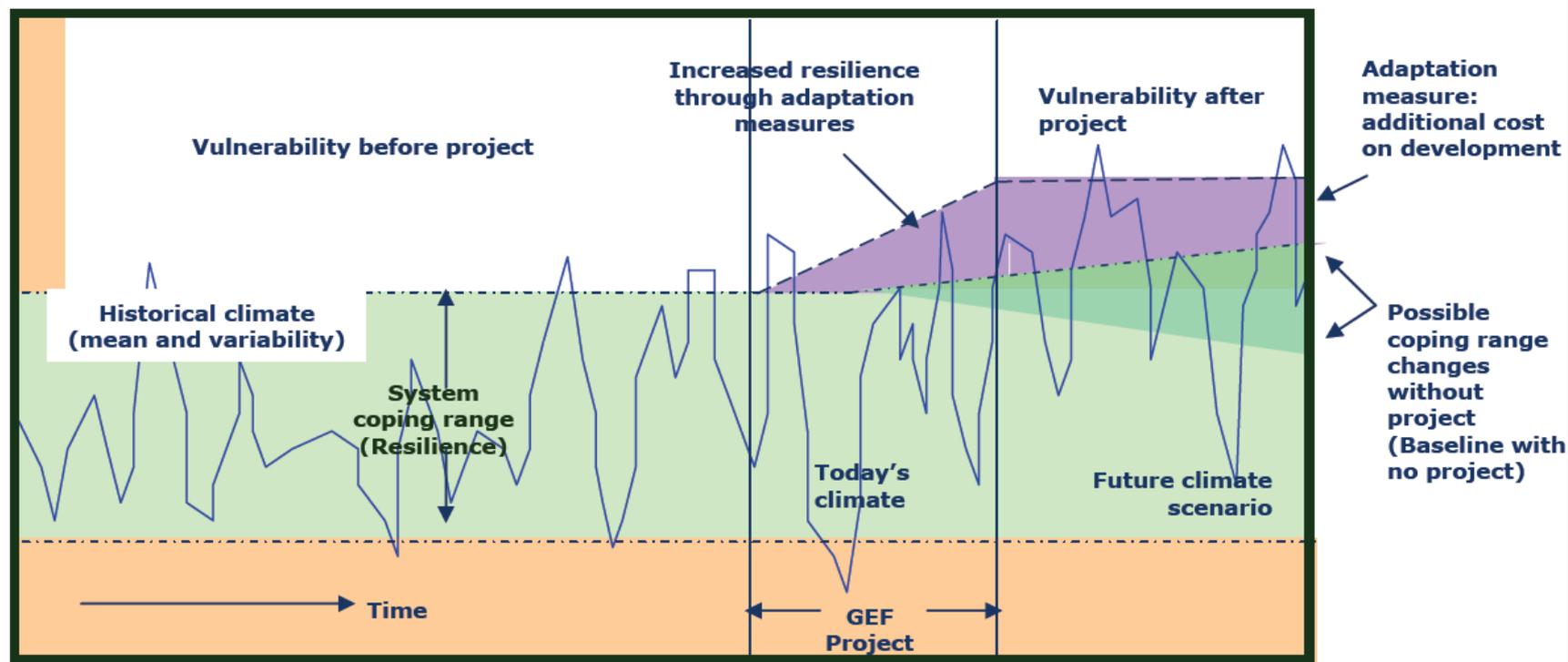# Program Evaluation in Climate Change Adaptation

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CONSERVATION
INTERNATIONAL

Why do Evaluation in Adaptation?

Source: GEF Evaluation Office

What does Evaluation Look Like?

Evaluation Forms

Pro-active (Synthesis)	Clarificative	Interactive (Improvements)	Monitoring (Checking)	Impact (Learning)
What is already known should influence action	Program rationale and design needs to be laid out	Those close to action need information to guide ongoing change	Programs need to be monitored to ensure quality	Need to know what works and why

What is being evaluated?

Project level _(i.e. a single intervention which aims to meet one or more specific objectives)_
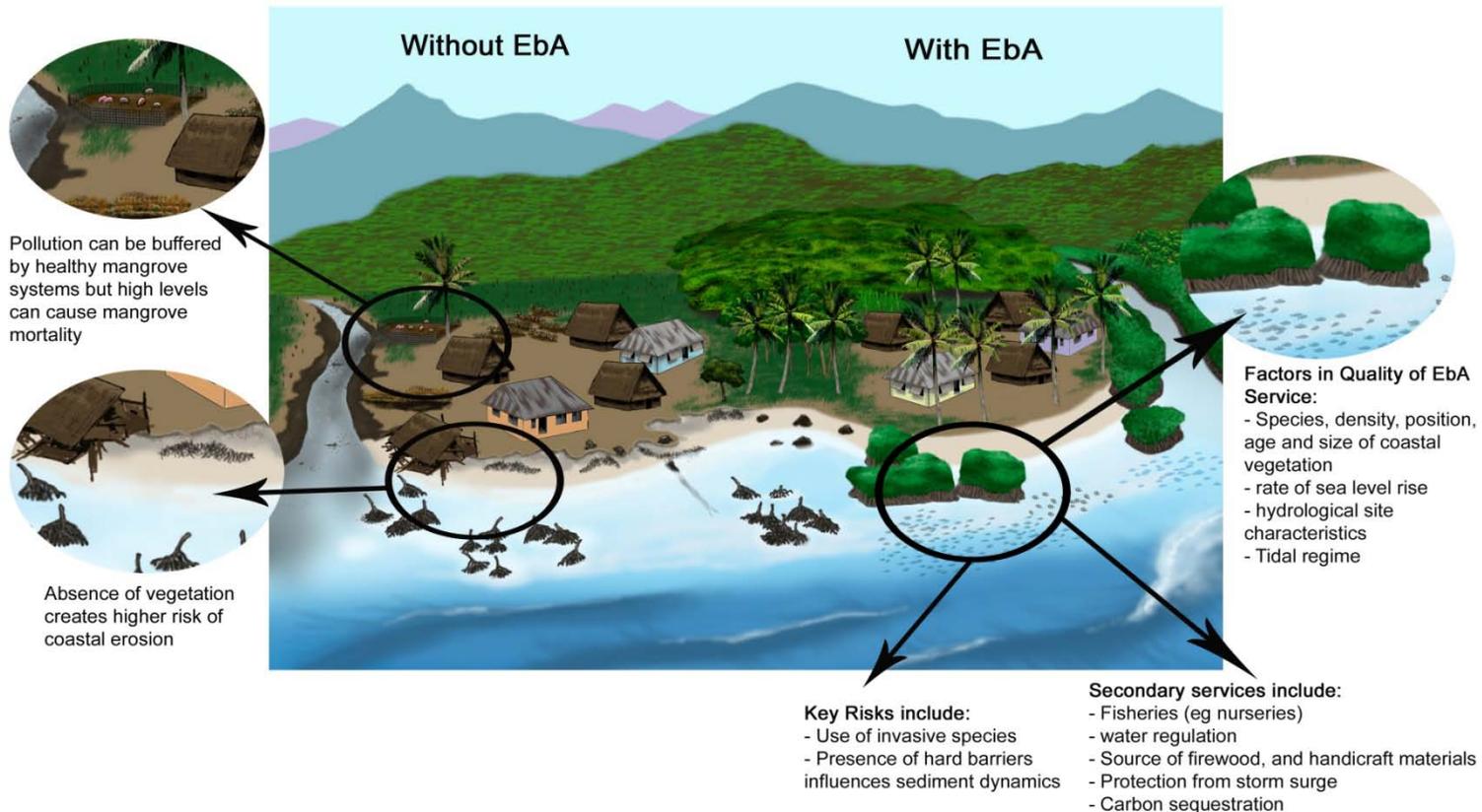
Program level _(i.e. a collection of interventions that aim to meet one or more specific objectives)_

Questions: Evaluation in Climate Change Adaptation

- Isn't vulnerability assessment a form of evaluation?
- How do you manage uncertainty in evaluation?
- Is there a role for indicators and targets?
- Is there a risk in using simple targets when each adaptation intervention is different?
- Is there a role for standards or tracking tools?

Challenges : Evaluation in Ecosystem-based Adaptation

EbA Service: Reducing Coastal Erosion

Challenges : Evaluation in Ecosystem-based Adaptation

- Few quantitative/cost effectiveness or social assessment case studies for EbA
- Need to consider both primary service (*e.g. mangroves for reducing shoreline erosion*) and secondary services (*e.g. livelihoods, water regulation, carbon sequestration*)
- Many factors in quality of primary service delivery (*species, density, position, age, hydrological characteristics, storm surge size, rate of sea level rise…*)

Current Efforts on EbA Evaluation

1. **Cambridge Conservation Initiative** : '*Critical Review of Evidence for EbA*'
2. **UNEP :** '*Stocktake Review and Guidance on EbA Tools, Cost-benefits and Effectiveness*'
3. **TNC: '***Economic Analysis Framework for EbA*'
4. **IUCN/CIFOR/WWF/Care/CI/CATIE/ Birdlife/ IIED:** '*Guidelines for Project Developers on EbA*'