



Biological Goals and Objectives

Stakeholder Committee Meeting

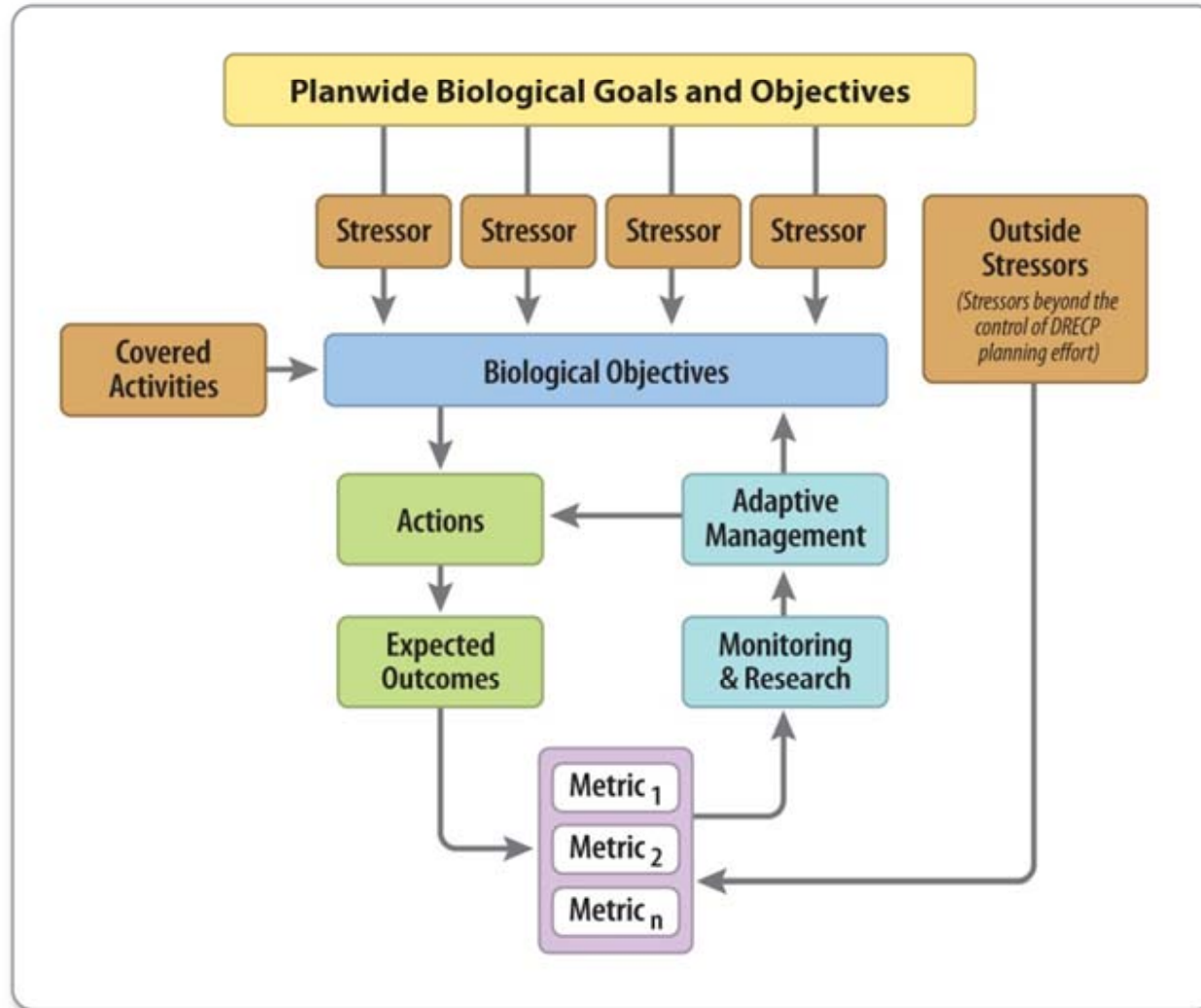
January 18, 2012

Bruce DiGennaro, The Essex Partnership



Structure and Example Biological Goals and Objectives

DRECP Conservation Strategy Conceptual Model



Adapted from Bay-Delta Conservation Plan Science Advisors Draft Report



Structure and Example Biological Goals and Objectives

DESERT RENEWABLE ENERGY CONSERVATION PLAN

Species Conservation and Management Groups

Species Groups by Natural Community:

- Desert Scrub and Chaparral
- Woodland (Mountain and Foothill)
- Grassland and Agriculture
- Dune
- Wetlands
- Riparian

Other Species Groups:

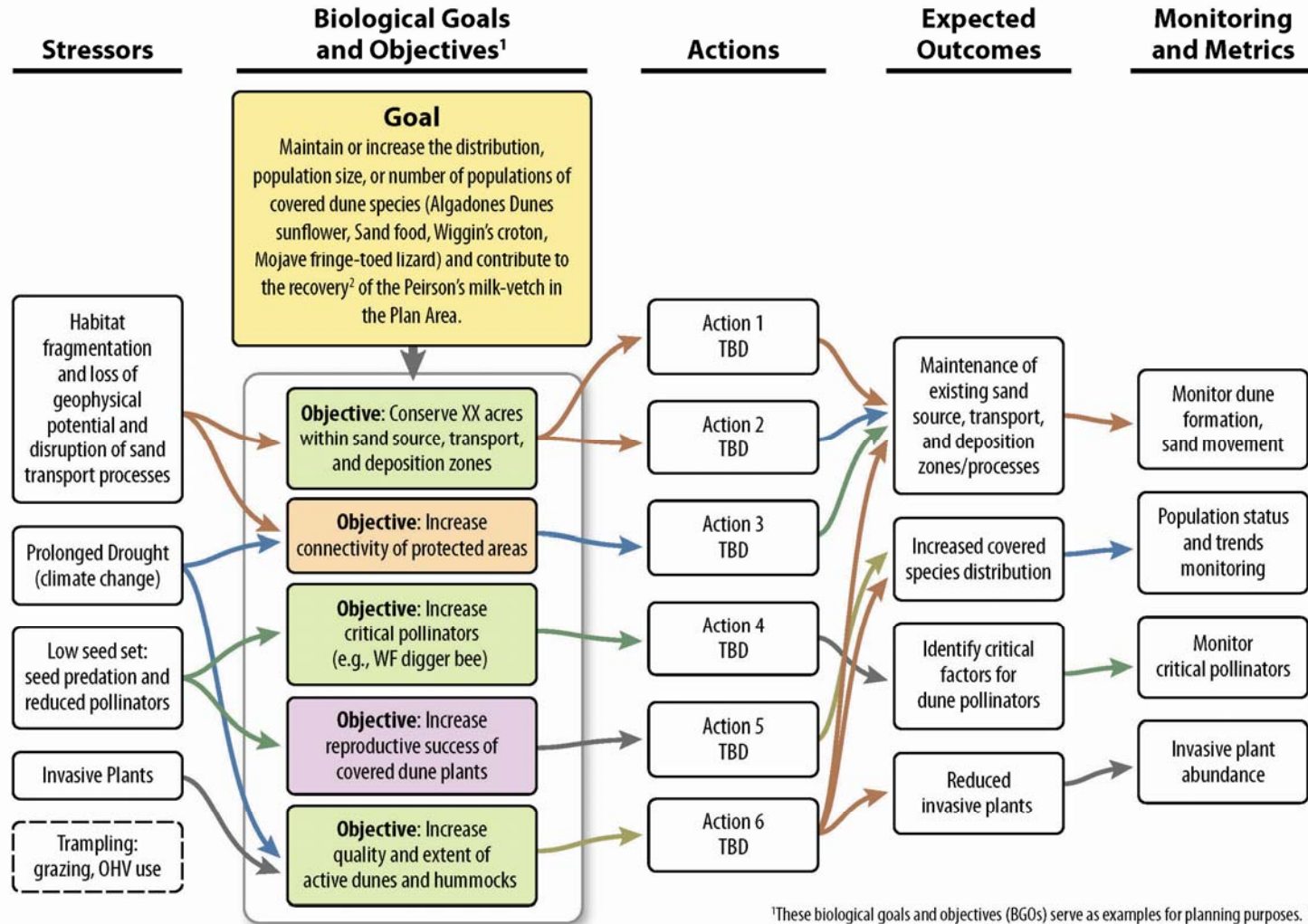
- Wide-ranging Species
- Red Rock Endemics
- Fish
- Bats
- Carbonate Plants
- Amargosa Endemics
- Raptors
- Narrow Endemics



Structure and Example Biological Goals and Objectives

Example Stressor Diagram - Dunes

Conservation Planning Diagram for Dune Community Associated Species
(for illustrative purposes)



Objective Hierarchical Level: Landscape Natural Community Species

¹These biological goals and objectives (BGOs) serve as examples for planning purposes. In their complete form, they will contain "SMART" elements according to the Five-point Policy.

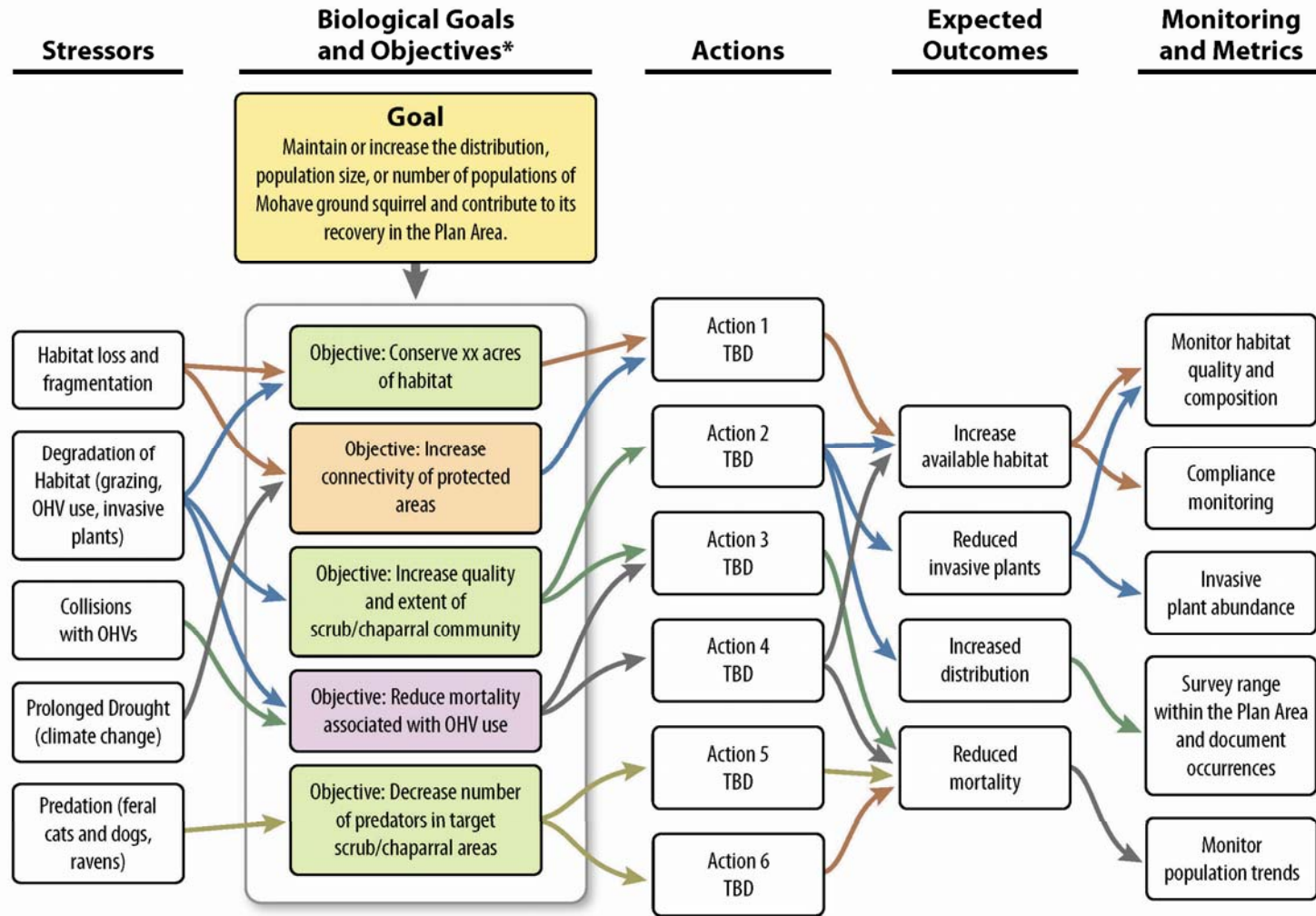
²The plan will contribute to the recovery of all listed species.



Structure and Example Biological Goals and Objectives

Example Stressor Diagram – Mohave Ground Squirrel

Conservation Planning Diagram for Mohave Ground Squirrel
(for illustrative purposes)



Objective Hierarchical Level: Landscape Natural Community Species

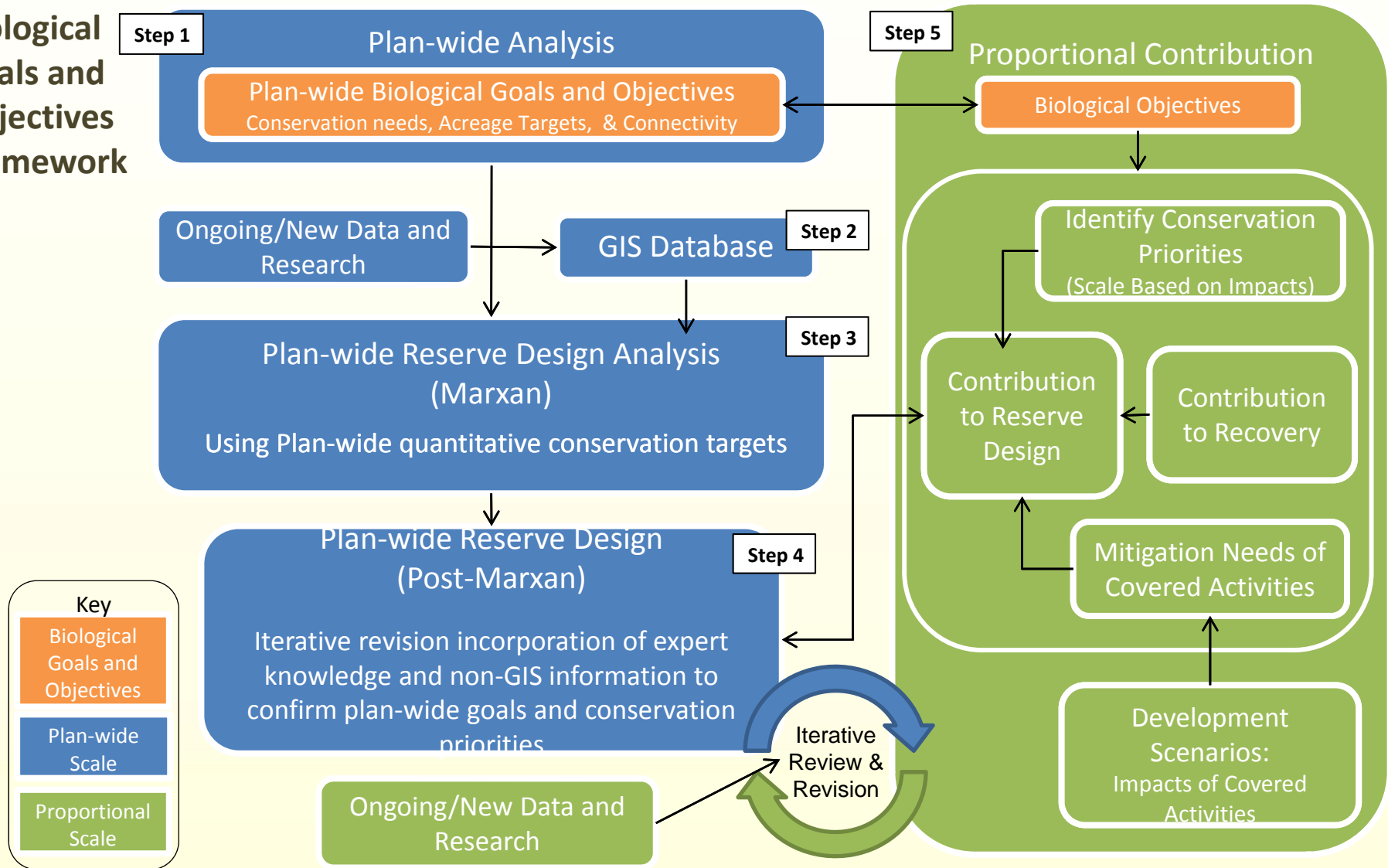
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Structure and Example Biological Goals and Objectives

DESERT RENEWABLE ENERGY CONSERVATION PLAN

Biological Goals and Objectives Framework





Integration of DRECP BGOs in Reserve Design:

Step 1: Plan-wide Goals and Objectives

Step 2: GIS Database Development

Step 3: Plan-wide Reserve Design Analysis (Marxan)

Step 4: Post-Marxan Plan-wide Reserve Design Analysis

Step 5: Proportional Contribution of DRECP



Next Steps

- Review stressor diagrams for all groupings (**late January**)
- Review plan area narrative biological goals and objectives - all groupings (**late February**)
- Review approach to proportional contribution biological goals and objectives for all groupings (**early March**)