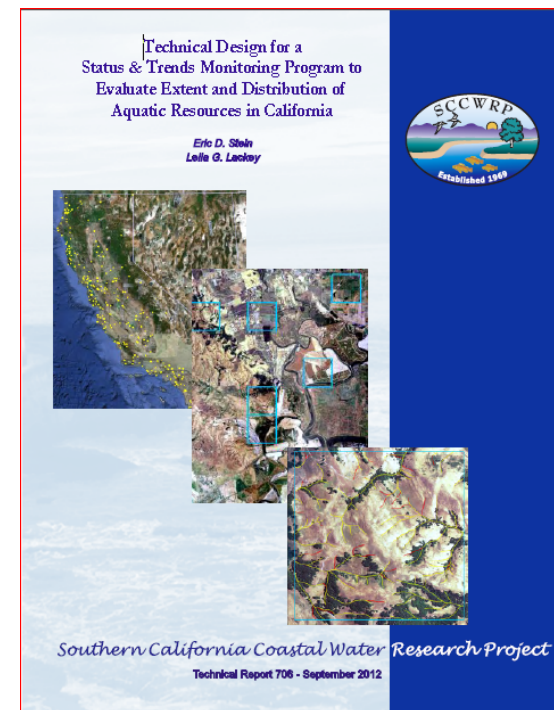


# Status and Trends

- Phase 1 complete – program design document
  - Consistent with CARI
- CNRA, CDFG, SWRCB to develop implementation recommendations
  - Agency stewardship
  - Funding
- Explore coordination with NCCP/HCP
- Begin Phase 2 – October 2012



# Results of Phase 1

- Which sampling method?
  - GRTS
- Whether to stratify?
  - Unstratified sampling
- What plot size?
  - 4km<sup>2</sup>
  - Cost analysis with sample size
- How many plots?
  - 1,000 – 3,000 depending on desired confidence levels
- Panel design for trends analysis?
  - Static panel design

# Implementation White Paper

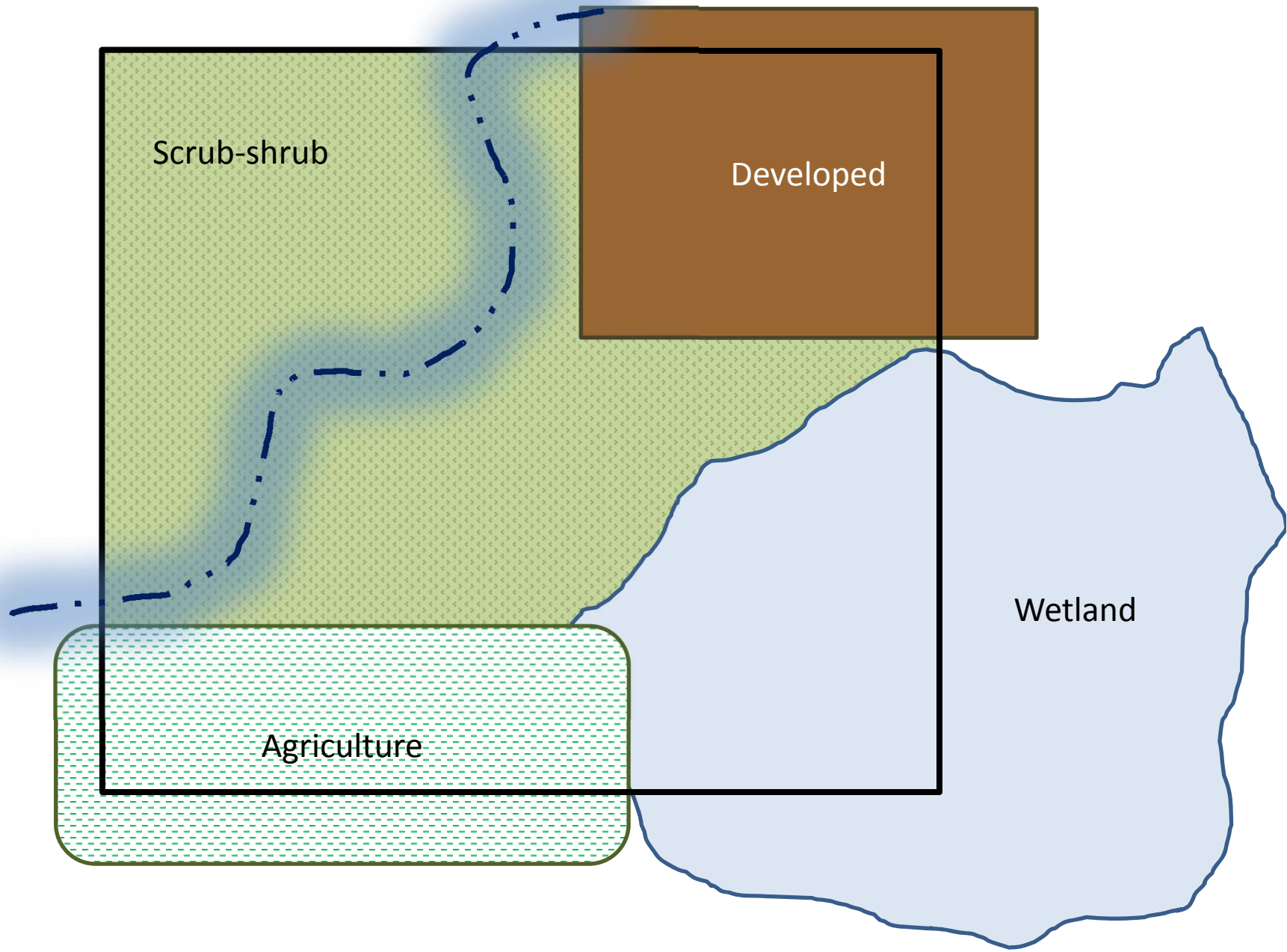
- Technical recommendations
- Relationship to various agency programs
- Funding → **\$200,000/year for 5 years**
  - Plot reconnaissance
  - Mapping
  - Data management/QA
  - Groundtruthing
  - Program Administration
  - Reporting
- Implementation mechanisms
- Outreach

# Phase 2 Tasks

1. Refine error analysis
2. Develop SOPs and DQO
3. Develop and test change assessment methodology
4. Conduct statewide sample draw
5. Perform pilot application of S&T using sample draw

# Change Assessment

- Types of changes to evaluate:
  - Change in area by wetland type
  - Change in stream length by stream type
  - Change in stream area
- Specific change categories:
  - Wetland type to a different wetland type
  - Wetland/stream <--> open water
  - Wetland/stream <--> natural upland
  - Wetland/stream <--> developed
  - Wetland/stream <--> agriculture

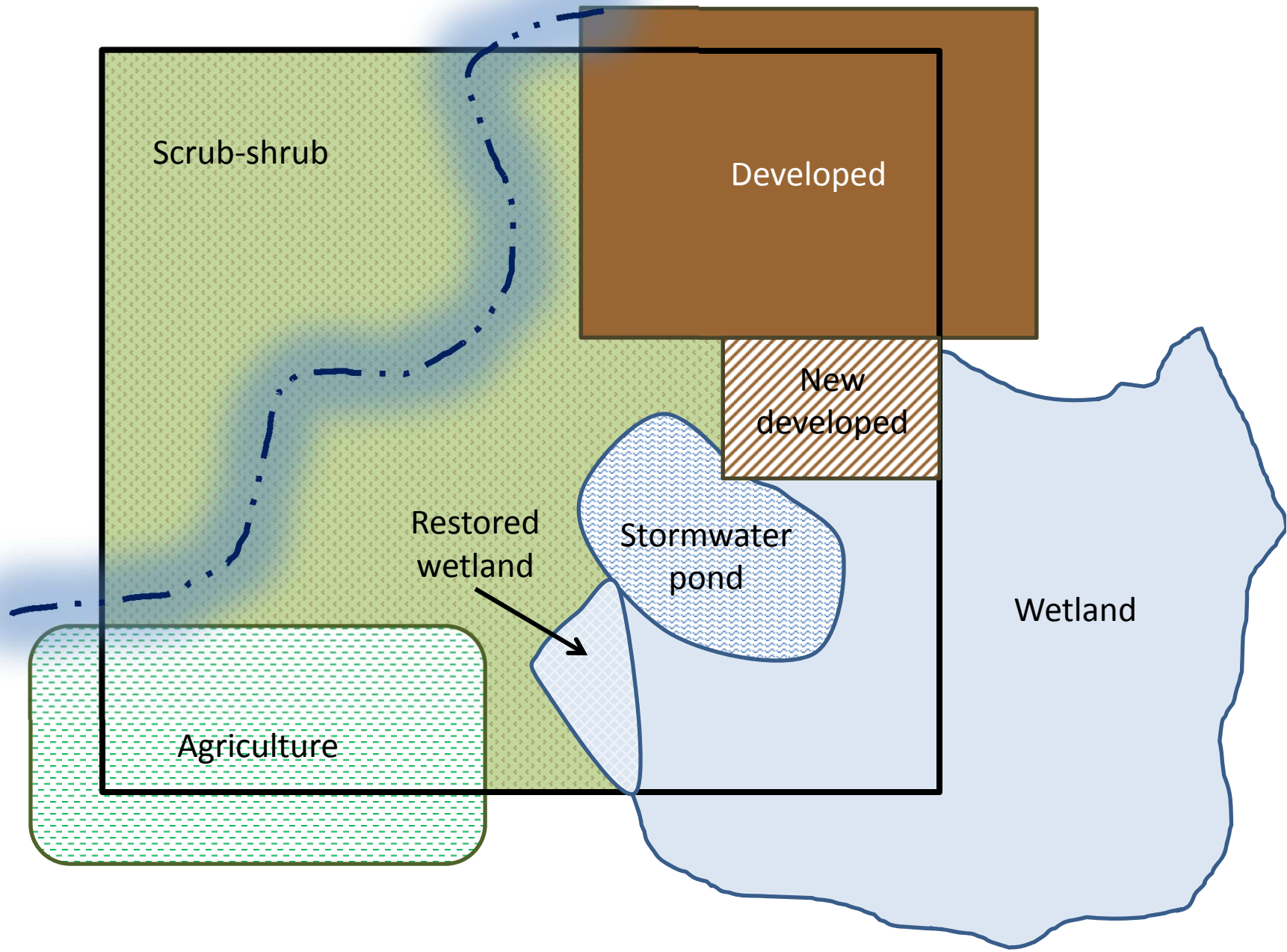


Scrub-shrub

Developed

Agriculture

Wetland



Scrub-shrub

Developed

New developed

Stormwater pond

Wetland

Agriculture

Restored wetland

# Coordination Needs

- Implementation mechanisms & stewardship
- Coordination with agencies that track net wetland change
- Coordination with other L1 elements
- Data management and tracking
  - EcoAtlas, BIOS, etc.