

## HO-D Work Plan \_Research-related Needs

The following elements of the recently adopted 5-year Work Plan provide guidance on science needs and project activities that would support the AppLCC Steering Committee's near-term objectives.

### **Social Sciences ... “maps to Project B”**

**Task 2.2.1** - Identify relevant information to portray the human dimensions (cultural and social resources) in landscape-level planning.

*(part of) Objective 2.2 - Identify requirements to address the human dimensions components of land-use change, including preservation of cultural resources.*

### **Resiliency and Core Areas .... “related to Project B”**

**Task 2.6.2** - Identify the components, function and relationships that define resiliency and management approaches to achieve, restore, or enhance system function.

**Task 2.6.3** - Identify and rank the core areas, components and interrelationships that help and reinforce resilience. Continuously refine the details and status describing those areas based on threats and opportunities to help facilitate coordination and planning prioritization.

*(part of) Objective 2.6 - Based on the underpinnings of resiliency, identify the management approaches to achieve, restore, or enhance system integrity, function, and reflect the conservation prioritization and relative ranking of the systems.*

### **Threats/Impact Assessment... “maps to Project E”**

**Task 2.1.2** - Initiate threats assessment by impact [energy, urbanization and infrastructure, and climate change, etc.] that will be required to be combined and integrated to generate an overall threats assessment.

*(part of) Objective 2.1 - Conduct an overall threat assessment.*

### **Synthesis of Existing Conservation/Management Plans ...”related to Project E”**

**Task 2.5.3** - Review and synthesize key information from existing conservation, land and resource management plans.

*(part of) Objective 2.5 - Establish a structured decision-making process for the ongoing integration of existing partner plans to deliver landscape-level conservation planning*

### **NR Indicators and Surrogate Species ....(needs being considered by SC Work Group)**

**Task 2.7.2** - Assemble or develop and adopt agreed upon vegetation of habitat classification systems and geospatially recognize areas of rare or unique ecosystems.

**Task 2.7.3** - Assemble or develop and adopt agreed upon species classification and distribution data and geospatially recognize areas of rare and endemic species and unique habitats.

*(part of)* Objective 2.7 - Facilitate the use of natural resource indicators and surrogate species to inform landscape-level planning, identify and establish data needs and monitoring design that reflect management objectives and conservation targets.