



**The California Biodiversity Network Steering Committee announces the granting of \$500,000 from the Gordon and Betty Moore Foundation (GBMF) for “Advancing Collective Action on 30x30 for Biodiversity Conservation Science and Practice”**

**Background:** The CA Biodiversity Network (CBN) was formed in 2021, at the invitation of CNRA Deputy Secretary Jennifer Norris, to bring together scientists, managers, and educators across the public and private sector and serve as a key partner in California’s 30x30 commitment. CBN is organized into four Roundtables: Systematic Conservation Planning; Biodiversity Informatics and Community Science; Climate-Biodiversity Sentinel Site; and Stewardship. The Roundtables all intersect with the work of CBN’s cross-cutting Equity Forum. In 2021-22, CBN engaged more than 400 individuals representing dozens of organizations to identify key research priorities and knowledge gaps that would advance 30x30 implementation, and this was released as [Appendix D](#) of the 30x30 Strategy. Funding received from the GBMF will advance complementary actions led by each Roundtable that will collectively support the successful implementation of 30x30.

**Overall GBMF Grant Outcome:** Advancing the Scientific Foundations of CA 30x30 Implementation and Innovating New Models of Conservation Stewardship for a Changing Climate.

**Funding Objectives and Outputs:**

**1. CBN California 30x30 Science Symposium and Case-Study**

**Objective:** Focus on knowledge sharing amongst conservation scientists and practitioners with the goal of developing new ideas and best practices for the implementation of climate-smart conservation in California.

**Output 1.1: California 30x30 Science Symposium.** To maintain momentum at this critical juncture, we will host the inaugural *California 30x30 Science Symposium*, a conference that will bring conservation scientists and practitioners together to accelerate the two-way exchange of ideas and best practices for the implementation of climate-smart conservation in California. Symposium currently planned for Fall 2023.

**Output 1.2: California 30x30 Case Study.** The CBN will commission a 30x30 case study in the style of business school case studies, which outlines and evaluates the process undertaken in California, through interviews with principals, review of written documents, and summaries of both the successes, challenges, and lessons learned. Delivery date: January 2024.

**Lead Organization(s):** UC Natural Reserve System

**Budget:** \$50,000

## 2. Biodiversity Informatics and Community Science

**Objective:** Develop workflows to Integrate diverse biodiversity data sources, including community science and historic museum data, into the CA Nature decision support tool, to mobilize inaccessible data on understudied taxa, habitats, etc., and to better serve climate-smart future projections with respect to impacts on biodiversity.

**Output 2.1:** Develop data standards and processes to allow for diverse data types to be included in the CA Nature platform for conservation decision making and planning, setting up a pathway to mobilizing museum and other non-standard biodiversity data, including community science data, leading to significant improvements in the utility of CA Nature in terms of understudied taxa, habitats, land-types, and temporal data within the two-year funding timeframe.

**Output 2.2:** Engage in a prioritization and planning activity across our RT and the Network (e.g., other RTs) to develop next steps in terms of data mobilization priorities.

**Lead:** California Academy of Sciences

**Budget:** \$100,000

## 3. Systematic Conservation Planning

**Objective:** Describe potential conservation benefits provided by working lands in California and evaluate potential to use “other effective area-based conservation measures” (OECMs) framework to support 30x30 goals. Establish criteria for integration of working lands and “other effective area-based conservation measures” into California’s 30x30 framework.

**Output 3.1:** Convene key stakeholders to discuss the conservation importance of working lands in the context of 30x30 objectives, highlighting important regions, and evaluating existing frameworks for recognizing the contribution of these lands (e.g., OECMs).

**Output 3.2:** White Paper that provides recommendations to enhance the adoption of conservation-supportive land use, management, and stewardship practices.

**Lead Organization:** The Nature Conservancy (TNC)

**Budget:** \$60,000

## 4. Stewardship

**Objective:** Foster a new generation of stewardship professionals who possess an understanding of how evidence-based conservation practice can be integrated with traditional knowledge to improve land stewardship and resilience in the face of climate change.

**Output 4.1:** Interactive database of existing stewardship training opportunities

**Output 4.2:** Needs assessment for stewardship training

**Output 4.3:** Co-designed curriculum, strategic and implementation plan for new stewardship training/workforce programs for underserved young adults.

**Lead Organization(s):** UC Agriculture and Natural Resource Division (UC Cooperative Extension) and CA Indigenous Stewardship Network.

**Budget:** \$105,000

## **5. CBN Climate-Biodiversity Sentinel Site Network**

**Objective:** Develop standardized ecological and climate monitoring on multi-jurisdictional reserve lands through a statewide Climate-Biodiversity Sentinel Site Network at nested scales that tracks climate impacts and informs land and water protection and management. Unification of diverse Sentinel Sites across geographies and jurisdictions into a real-time biodiversity monitoring framework for the State of CA.

**Output 5.1:** Integrated database of relevant Sentinel Site Planning layers and relevant legacy data uniting CA Nature resources with those of CBN Sentinel Site Network Partners.

**Output 5.2:** Refined logic model linking recommended climate and ecosystem monitoring to CA Dept of Fish and Wildlife and related CA Natural Resources Agencies management applications (i.e., establishing nexus and relevancy between data, derivatives and management actions).

**Output 5.3:** White Paper publishing results and setting framework for implementation funding and execution with local, State and Federal partners.

**Lead Organization(s):** Pepperwood, CDFW and UC NRS

**Budget:** \$160,000

## **6. Equity: Integrating Indigenous Stewardship to Achieve 30x30 goals**

**Objective:** Convene a workshop to explore the benefits of incorporating Indigenous ecological knowledge into effective models of co-stewardship of natural resources. Enhance knowledge of and willingness by land management agencies to engage in meaningful stewardship agreements with traditionally associated native people.

**Output 6.1:** Conduct a workshop co-led by leaders from the Native American community and the land management agencies who have developed robust and respectful partnerships of resource stewardship with traditionally associated native people.

**Output 6.2:** A detailed and published report of successful models of incorporating Indigenous stewardship into the management of parks and protected areas.

**Lead Organization(s):** CBN Equity Forum and California Indigenous Stewardship Network

**Budget:** \$25,000