A VITAL RESOURCE

253,500 users
2012–2017

EARLY CAREER SUPPORT

Mildred E. Mathias Graduate Student Research Grants

468 GRADUATE STUDENTS
$868,444 GIVEN
30 YEARS

PROTECTED NATURAL AREAS

41 RESERVES
ACROSS
756,000 ACRES

EXTERNAL GRANT FUNDING

$454 MILLION
SUPPORTED RESERVE RESEARCH 2011–2014

BIODIVERSITY PROTECTION

- Over 2,100 species of native vascular plants
- 15 of California’s 24 imperiled amphibian species found at reserves
- Returning the endangered southern mountain yellow-legged frog to the wild
- First wild-fledged condor chick in 100 years

SYSTEMWIDE INITIATIVES

CALIFORNIA HEARTBEAT INITIATIVE
Employs remote sensing technologies such as drones on NRS reserves to monitor the pulse of water through California ecosystems. Funded by a $2.179M grant from the Gordon and Betty Moore Foundation.

CALIFORNIA ECOLOGY AND CONSERVATION
Brings undergrads from 9 UC campuses to NRS reserves to learn to conduct field research.

NRS CLIMATE MONITORING NETWORK
Climate stations at more than two dozen reserves use identical, high-precision equipment and data collection protocols to provide comparable data for reserve users.

PUBLICATIONS

1539 PEER-REVIEWED PAPERS, BOOK CHAPTERS, BOOKS, 2013–2018

The Environmental Legacy of the UC Natural Reserve System
UNIVERSITY OF CALIFORNIA PRESS 2013