



Projects for Queenslanders

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Energy, space, climate and weather

Project name	Subject	Aims	Project location
ClimateWatch	Climate change	To record seasonal behaviour observed in plants and animals to help understand how the environment is responding to climate change.	Australia
Fireballs in the Sky	Meteorites	The Fireballs in the Sky app allows you to get involved with the Desert Fireball Network research by reporting your own fireball sightings to our scientists. We use your reports to track the trajectories of meteors – from their orbit in space to where they might have landed on Earth.	Australia
GLOBE	Climate/weather	The Global Learning and Observations to Benefit the Environment (GLOBE) Program is a NASA sponsored international science and education program that provides students and the public worldwide with the opportunity to participate in data collection and the scientific process and contribute meaningfully to our understanding of the Earth system and global environment.	Global
Planet Four: Craters - Zooniverse	Mars/craters	To help planetary scientists identify and measure features on the surface of Mars. Classify craters from photos taken by the HiRISE (High Resolution Imaging Science Experiment) and CTX (Context) cameras on board the Mars Reconnaissance Orbiter.	Global
Storm Spotter Network	Climate/weather	Provide on-the-spot information on damaging thunderstorms to the Australian Bureau of Meteorology as part of the Severe Thunderstorm Warning Service.	Australia
Weathex	Weather	Help climate researchers track extreme weather events in real time. Your reports will appear as markers in the app, along with all the extreme weather events reported by other users in the last 24 hours.	Australia

Litter

Project name	Subject	Aims	Project location
Australian Marine Debris Initiative (AMDI)	Litter	The aim of this project is to: 1. Remove marine debris from the marine environment; 2. To collect scientific data on what is removed; 3. To use this data to track marine debris back to the source; 4. To engage stakeholders and create awareness and strategies that prevents marine debris from occurring.	Australia
Clean Up Australia	Litter	Create or join a clean up event and track litter trends across Australia.	Australia

Marine and freshwater life - fish, sea turtles, seaweed and more



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Project name	Subject	Aims	Project location
Cooloola Coastcare	Multiple species	Cooloola Coastcare has several ongoing citizen science projects some focusing on marine biodiversity and others on preserving the marine environment	Cooloola, Queensland
Range Extension Database and Mapping Project (REDMAP)	Fish, marine animals, Great Barrier Reef	To build our understanding of Queensland marine ecosystems (including the Great Barrier Reef) and how it is changing, with the help of Queensland fishers, divers, boaters and tourists uploading photos of their catch or sightings to the REDMAP mobile phone application or website.	All coastal areas, Queensland
GIRT Scientific Diver	Shipwreck Ecosystem	To document the condition of shipwreck sites using the GIRT methodology: record a range of observable and measurable data in conjunction with systematic photographic condition reporting. All data is entered through the GIRT website (www.girtsd.org).	Global
Grey Nurse Shark Watch	Sharks	To monitor the numbers of the Australian east coast population of Grey Nurse sharks and determine if it is increasing, stable, or declining. It will provide information on the distribution and movements at different stages in their life history, provide data to enable interactions with commercial and recreational fishing gear to be quantified, along with associated injuries and any shark recovery, help identify new aggregation sites, increase public awareness, and provide data for management purposes via an open and transparent mechanism that involves interested parties.	Queensland
HHR East Coast Whale Monitoring	Whales and dolphins	Humpbacks and High-rises aims to collect behaviour data on whales and dolphins along the east coast of Australia .	Gold Coast & Sunshine Coast, Queensland
InfoFish/TrackmyFish	Fish	InfoFish works with trained recreational fishers to collect catch data and tag fish in Queensland fresh, estuarine, and marine waters, providing information on: effort and landings, species catch diversity, length frequency, seasonality, and migration.	Queensland
Keen Angler Program	Fish	The main aim of the Keen Angler Program is to source fish samples (frames) from recreational fishers. The biological information collected from these samples and other information collected from recreational and commercial fishers is used to assess the health of fish stocks. These assessments help evaluate the effectiveness of fisheries management arrangements.	Rockhampton, Queensland



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Minke Whale Project	Minke Whales	The MWP conducts multidisciplinary research into dwarf Minke whale biology and behaviour, the social and economic values of the whales and the sustainable management of swim-with-whales tourism. The MWP research team works with the GBR swim with Minke whales tourism industry, reef managers, and wildlife conservation NGOs.	Global
Moreton Bay Dugong Watch	Dugong	For citizen scientists to report any sightings of dugong in the Moreton Bay region.	Moreton Bay, Queensland
Project Manta	Manta Rays	To provide scientific knowledge about manta rays through investigating movement patterns, population levels, behaviours, food availability, and the influence of oceanic features (including climate change) on manta populations.	Queensland
Reef Life Survey	Marine animals + Reef	Reef Life Survey aims to improve biodiversity conservation and the sustainable management of marine resources by coordinating surveys of rocky and coral reefs using scientific methods, with the ultimate goal to improve coastal stewardship.	Australia
Saving Nemo, IC-ANEMONE	Clownfish and anemones	To learn more about clownfish and anemone conservation.	Australia
SCF Citizen Science - Recreational Fishing Program	Fish	SCF Members can help research the fish biodiversity in Australian waters. This is expected to provide data on an additional 60,000 fish per year.	Australia
Seagrass Watch	Seagrass	Increase community awareness about the value of seagrass habitats; to improve the community's capacity to monitor, and to compile a regional database of citizen science-sources seagrass data to contribute to managing these valuable resources.	Queensland, Global
Searching for the Yellow-Bellied Sea Snake	Sea snakes	Primary aim: Collect sighting reports and tissues for DNA sequences of Australian sea snakes Secondary aim: Increase awareness and education for people who encounter these snakes on a regular basis.	Australia
Sharks and Rays Australia	Sharks, rays, sawfish	A limited number of citizen scientists join expeditions every year to conduct research on sharks, rays and sawfish in remote waters in tropical north Queensland. Sawfish are the most critically endangered species of sharks and rays in the world with Far North Queensland and Cape York river systems considered one of the species' last strongholds.	Far North Queensland
Shark Base	Sharks	SharkBase is a global shark encounter database helping to map the distribution of shark populations worldwide.	Australia



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TeamTurtleCQ	Turtles	To record data on marine turtles along the Capricorn and Curtis coasts of Central Queensland. Volunteers are trained to identify turtles, nests and the presences of threats building information to help marine turtle conservation.	Capricorn Coast, Queensland
Waterbugs Gold Coast	Fauna studies/waterways	The program raises community and government awareness in the Gold Coast region and aims to distribute information on macro invertebrate composition, waterways health, trends and impacts. The program is open to the wider community	Gold Coast, Queensland
Waterbug Blitz	Waterbugs	To reinvigorate the Australian community's awareness, concern for, and care of, their local waterways. Provide ongoing information about the health of waterholes, rivers and town water reservoirs.	Australia
Wildbook for Whale Sharks	Whale sharks	The ECOCEAN citizen science program allows any member of the community to be involved in collecting important identification data on whale sharks by contributing photos into the ECOCEAN Whale Shark Photo-identification Library and using Wildbook for Whale sharks to identify and track them.	Global

Great Barrier Reef

Project name	Subject	Aims	Project location
Citizens of the Great Barrier Reef	Great Barrier Reef	Citizens of the Great Barrier Reef utilises revolutionary digital platforms and state of the art data engineering which we believe can play a pivotal role in amplifying human contributions towards conservation. This technology and citizen involvement provides valuable intelligence to the scientific and conservation community, enabling anyone to play a vital role in protecting and revitalising the Reef.	Global
Coral Reef Keepers	Coral, Southern Great Barrier Reef	To train local citizen scientists in coral identification and collecting relevant reef health data, and build on the local Indigenous Sea Ranger's knowledge, to better understand the diversity of life at Lady Musgrave Island and lagoon on the Southern Great Barrier Reef.	Southern Great Barrier Reef, Lady Musgrave Island, Bundaberg
CoralWatch	Coral, Great Barrier Reef	CoralWatch integrates global monitoring of coral bleaching with education about coral reef conservation. Volunteers record basic standardised parameters on coral health using the Coral Health Chart and simply match the colours on the chart with the colour of corals, one for the basic morphology types, and report on water temperature and location.	Queensland
Eye on the Reef	Coral, Great Barrier Reef	Eye on the Reef is a monitoring program that enables anyone who visits the Great	Great Barrier Reef



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		Barrier Reef to contribute to its long-term protection. The Eye on the Reef project brings together assessment and monitoring programs that collect information about the reef.	
Reef Check	Coral, Great Barrier Reef	Reef Check Australia is an environmental organisation providing hands-on reef monitoring, education and conservation. Each project uses the same standardised Reef Check scientific survey method and basic indicators, helping to both monitor reefs on a local scale and compare reef health on a global scale.	Global
Saving Nemo, IC-ANEMONE	Clownfish and anemones	To learn more about clownfish and anemone conservation.	Australia
The Great Reef Census	Reef Health, Great Barrier Reef	Uses an innovative approach to assessing reef health and piloting new ways of capturing large-scale reconnaissance data from across the Great Barrier Reef. The information will then be used by the marine science community, marine managers, conservation and industry groups to help understand the constantly changing and evolving condition of the Great Barrier Reef.	Bundaberg to the Torres Strait
Virtual Reef Diver	Coral, Great Barrier Reef	To identify areas of decreasing coral cover and other problem spots on the Great Barrier Reef.	Great Barrier Reef, online
Water and soil quality			
Project name	Subject	Aims	Project location
A Drop in the Bucket	Water	To provide important water quality and ecosystem health data for rivers in the Northern Gulf Region using observational methods, as the Northern Gulf Region is undergoing intensive agricultural development that will lead to changes in water use, vegetation management and land development.	Northern Gulf Region, Queensland
Bulimba Creek Water Watch	Water	The Bulimba Creek Catchment Coordinating Committee Water Watch team conducts consistent water quality testing and monitoring at specific sites around Bulimba Creek Catchment. Results are recorded so they can be compared and contrasted both throughout the year and over years.	Bulimba, Queensland
Cooloolo Waterwatch	Water	To conduct monthly water quality monitoring in the Tin Can Bay, Cooloolo Cove, and Rainbow Beach areas.	Cooloolo, Queensland
Eye On Water	Water	One of the most apparent characteristics of water to the human eye is water colour. Water colour indicates the algae and organic content to the water that feeds organisms. Observations of water colour and clarity can be contributed	Global



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		through the EyeonWater app.	
MyWater	Water (including chemistry, bugs, fish, vegetation, weeds)	To monitor the waterways in the Fitzroy Basin.	Fitzroy Basin, Queensland
Port Curtis Harbour Watch	Water	To increase knowledge of the general community in relation to the science of monitoring and reporting of waterway health. Expanding Harbour Watch to include monitoring of the broader Gladstone Harbour Catchment areas (fresh/estuarine/marine). Establish baseline water quality data of waterways within the Gladstone and Boyne/Tannum regions.	Gladstone, Queensland
Sarina Catchment Waterwatch	Water	To monitor ambient water quality by conducting monthly, in-situ monitoring from four freshwater creeks within the Sarina Catchment: Plane Creek, Rocky Dam Creek and Carmila Creek and Basin Creek.	Sarina, Mackay Region, Queensland
STEM Waterways Citizen Science Project	Water	To enable school teams to learn to: study aspects of estuarine waterways in depth, identify areas of scientific importance and interest, engage in good STEM practices and gain access to technologies and experts in order to create viable data and information that is a valuable contribution to local, and potentially global knowledge on largely undervalued mangrove systems.	Cairns, Queensland
The Cooloola Sediment Investigation (CSI)	Sediment	To collect underwater biodiversity and sediment data in the mouths of 8 urban and non-urban creeks that drain into Tin Can Inlet.	Cooloola, Queensland
Treeforce Freshwater Creek Restoration	Water	To increase the scientific knowledge of Freshwater Creek and surrounds, and engage the community in hands-on citizen science events by introducing tailored events to collect and analyse existing and new flora, fauna and historical data.	Cairns, Queensland

Native reptiles and frogs

Project name	Subject	Aims	Project location
CrocWatch	Crocodiles	Provides data on estuarine crocodile movement.	Queensland
Frog Friendly Waterways	Frogs	Frog monitoring project introducing students and community members to a variety of activities to help preserve the Critically endangered Kuranda Tree Frog (<i>Litoria myola</i>).	Kuranda, Queensland
Frog ID	Frogs	To help protect threatened species of frogs across Australia. Provides data on frog distribution through an app.	Australia



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FrogWatch	Frogs	Gather information about the frogs of North Australia and their distribution. Identify which species are present and increase community awareness about frogs.	Far North Queensland
TurtleSAT	Turtle	Australia's freshwater turtles are under serious threat, and they need our help for survival! To ensure their survival, some important evidence needs to be gathered, and it needs to be gathered quickly.	Australia
Pests and weeds			
Project name	Subject	Aims	Project location
BioControl of Cacti in SW Queensland	Biocontrol	To improve knowledge, awareness and participation of bio control activities for invasive weeds, primarily cacti in the mulgalands of south-west Queensland.	South West Queensland
Biosecurity Monitoring and Reporting of Invasive Ants	Yellow crazy ants	Seeks to locate infestations of the highly invasive yellow crazy ant in the Townsville region to support eradication efforts. The information gathered from this project will provide critical information to the Townsville City Council to support control of these infestations.	Townsville, Queensland
Cane Toad Busting	Pests	To turn cane toad's own toxins against them, which has the potential to eradicate cane toads	Queensland
FeralScan	Feral animals	FeralScan is a citizen science initiative under PestSmart, a programme of the Invasive Animals CRC. FeralScan aims to collect information about a range of pest animals throughout Australia.	Australia
MyPestGuide	Pests	The information gathered helps to strengthen and support Australia's growers and access and gain new trade markets. MyPestGuide was developed to encourage everyone to report observations of any common, interesting, or possibly exotic pests as well as the absence of pests across Australia	Australia
Redlands WeedSpotters	Weeds	To develop a user friendly, accessible and multi-functional tool for identifying, reporting and educating the local community on target emerging weeds.	Redlands, Queensland
Toadwatch/ToadBusters	Pests	Aims to minimise the damage that toads cause to the environment and biodiversity.	North-East, Queensland
Weed Biological Control	Biocontrol	This project aims to collect and aggregate information on the known distribution, availability and redistribution methods of weed biological control agents in Australia.	Australia
Weed Spotters Network Queensland	Pests/Weeds	Establish and support a weed incursion detection capability focused on the early detection of new and emerging weeds	Queensland



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through harnessing and fostering community interest and skills in collecting and identifying weeds.

Human health

Project name	Subject	Aims	Project location
AusPollen Grass Gazers	Air quality, allergy, pollen	To describe and monitor allergenic pollen producing grass species, occurrence and flowering patterns around the Brisbane area, to help validate QUT's daily grass pollen counting and forecasting, as pollen is one of the major allergens to cause hayfever with grass being the most common allergenic pollen producer in Australia.	Brisbane, Queensland
Open Source Malaria Project	Human health	The Open Source Malaria project is trying a different approach to curing malaria. Guided by open source principles, everything is open and anyone can contribute.	Global
Study Fresh	Air quality	To gather data on the indoor air quality of classrooms, using simple micro-electronics kits handed out to schools so students record, read and upload their air quality data, while learning valuable skills in simple electronics.	Queensland
The Dignity Project	Human health/human wellbeing	The Dignity Project is a digital engagement and analysis platform where people with disabilities can share, reinterpret and analyse collective experiences, enabling them to generate service and design innovations for the future.	Australia
World Mosquito Program	Human health	Uses a <i>Wolbachia</i> bacteria to reduce the ability of mosquitos to transmit viruses by releasing a controlled number of mosquitos that carry Wolbachia into dengue affected communities where they breed with local mosquitos.	North Queensland
Zika Mozzie Seeker	Human health	To increase confidence that Zika mosquitos are not in the sampling area. This subsequently protects against the risk of mosquito bourne disease outbreaks from Zika, dengue, and chikungunya.	Metro South Queensland

Insects

Project name	Subject	Aims	Project location
Bees in the 'burbs in a Biodiversity Hotspot	Bees	To inform, raise awareness, and share science-based recommendations for saving native bees. To encourage citizens to go out in nature and observe native bees, and collect data on when and where native bees are, and their use of bee hotels.	Australia
Richmond Birdwing Conservation Network	Butterflies	Conservation of the Richmond birdwing butterfly and its host plant the Richmond birdwing vine by establishing vine refuges	Queensland



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		and create awareness and support for conservation in the broader community.	
The Caterpillar Conundrum	Caterpillar	To learn about the interactions between caterpillars and their parasitoids. We want to build a database of knowledge about which parasitoids infects which species of caterpillar. Get ready to view the lifecycle of a moth or butterfly up close.	Australia
UQ Entomology Collections	Insects	To capture data from student collections.	Queensland
Native Bee Citizen Science Project	Bees	Engage in data collection to answer a series of research questions about native stingless bee colonies living in hives across Queensland.	Queensland
Native plants and fungi			
Project name	Subject	Aims	Project location
Dead Tree Detective	Trees	The aim of the project is to collect observations of dead or dying trees around Australia. It sounds a bit grim but knowing where and when trees have died will help us to work out what the cause is, identify trees that are vulnerable, and take steps to protect them.	Australia
DieBack	Dead Trees	Collect observations about potential dieback areas as soon as possible, and hopefully before entire ecosystems are under severe stress. Observant citizen scientists, traveling the country are the ones most likely to see the early warning signs or stressed and dying Eucalypt trees.	Australia
Fungimap	Fungi	Fungimap aims to catalogue and document all species of fungi in Australia and to raise the public awareness and appreciation of fungi. This national fungi names checklist is managed and curated by expert mycologists, but public participation in submitting sightings is encouraged.	Australia
Griffith University Arboretum Tree Register	Trees	To record the location and condition of trees in the Griffith University Arboretum. Contact the Slacks Creek Catchment Restoration Group on Facebook or via email for upcoming community days.	Griffith University Campus, Logan, Queensland
MangroveWatch Cairns	Mangroves	To monitor three major estuaries and associated creeks in Far North Queensland: Barron River, Trinity Inlet and Russell-Mulgrave. This project will also provide training and facilitate citizen science saltmarsh condition monitoring at 10 sites, involving trained teams heading out on their own boats to record data on the water.	Far North Queensland



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The Mycology Research Project	Fungi	To train citizen scientists to study, research and contribute data on Queensland fungi; to raise awareness about the benefits of mycology (the studying of fungi); and make this science easily accessible to the Queensland community.	Woodford, Queensland
The Wild Macadamia Hunt	Macadamia trees	To find wild macadamia trees - transplanted or naturally occurring - and to identify the genetic relationships between these trees and other wild macadamia trees and populations.	Queensland
Veteran and Significant Trees of the Redlands	Trees	The objective of this project is to identify and map veteran and significant trees in the Redlands mainland and islands.	Redlands, Queensland
Wild Orchid Watch	Orchids	A national citizen science project designed to collect, record, and share scientific information about Australian native orchids.	Australia
Native birds			
Project name	Subject	Aims	Project location
Aussie Backyard Bird Count	Birds	Once a year, fill a knowledge gap providing information on bird populations in urban areas not sampled by ecologists.	Australia
Beach-Nesting Birds	Shorebirds	To monitor the distribution of beach-nesting birds in southern Queensland, conduct assessments of local threats to breeding beach-nesting birds and determine the feasibility of management actions and the establishment of a long-term monitoring program.	Australia
Birdata	Birds	Birdata is a research, education, and conservation program focusing on the birds that live where people live and is filtered through the Birdata app.	Australia
Bittern Project	Bittern + Wetland animals	This project aims to help ensure the long-term survival of bitterns as well as other species which inhabit the freshwater wetlands. The Bittern Project was started in 2007 in response to concerns over the plight of the Australasian and Australian Little Bittern.	Australia
Bulimba Creek Catchment Citizen Science Nest Box Monitoring	Birds	Identify which animals use artificial fauna nest boxes installed in local bushlands and parks. Citizen scientists will gather observational data using speciality monitoring equipment and analyse the data with support from Griffith University.	Bulimba Creek, Queensland
eBird	Birds	eBird's goal is to maximize the utility and accessibility of the vast numbers of bird observations made each year by recreational and professional bird watchers. It is amassing one of the largest and fastest growing biodiversity data resources in existence.	Global



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Finch Monitoring	Gouldian Finch	On country survey and monitoring events will take place in multiple locations and involve traditional owners. Training will involve finch species recognition and simple survey techniques that can be replicated as monitoring tools, enabling traditional owners, land managers and others to track the health of multiple finch species. Target species is Gouldian Finch (endangered in Queensland).	Far North Queensland
Glossy Black Cockatoo Project	Glossy Black Cockatoo	A major aim of the Glossy Black-Cockatoo project is to produce a regional management plan for the Glossy Black-Cockatoo in South East Queensland. This is dependent on accurate records of birds as well as their habitats, particularly feeding sites and nesting locations.	Queensland
Killarney Bird List	Birds	To publish a list of birds in the Killarney area. Bird photographs and observation details will be collected and published in a publicly available booklet.	Killarney, Queensland
Manky Parrots: Mapping Psittacine Beak and Feather Disease in Australia	Parrots and cockatoos	This project aims to map the location of parrots and cockatoos infected with psittacine beak and feather disease in Australia.	Australia
MySwan	Black Swan	MySwan is a citizen science project for people who love swans. Record black swan sighting on the interactive map, and you can make a valuable contribution to research on the behaviour and movement of swans. After you submit your sighting, you'll get an instant report about the swan, with interesting information about its history and recent movements.	Australia
Powerful Owl Project	Powerful Owl	The Powerful Owl project of southern Queensland will help discover where threatened Powerful Owls are breeding in south east Queensland forests. The Powerful Owl is listed as vulnerable in Queensland but we lack up to date information on where the owls are found, how big their population is, how that population is trending over time or what factors are related to breeding success.	Southern Queensland
Queensland Wader Study Group	Shorebirds	Protection of shorebirds and their habitat. Emphasis on collection, analysis, and dissemination of data concerning waders.	Queensland
Waterbird Tracker	Waterbirds	To track the wetland use of five key waterbird species.	Eastern Australia
Australian mammals, marsupials and monotremes			
Project name	Subject	Aims	Project location
BatSoc Community Engagement and Citizen Science	Bats	Citizen science activities will involve bat monitoring through surveys and installation of bat boxes. Data collected by citizen scientists will assist species recovery and help inform consultation with other groups and government.	Cairns region, Queensland



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Burnett Koala Program	Koalas	To raise awareness regarding the significance of regional koala populations and habitat health, in addition to contributing to understanding koala distribution, presence, activity and habitat health in the Burnett catchment region.	Burnett Catchment region, Queensland
Bulimba Creek Catchment Citizen Science Nest Box Monitoring	Mammals	Identify which animals use artificial fauna nest boxes installed in local bushlands and parks. Citizen scientists will gather observational data using speciality monitoring equipment, and analyse the data with support from Griffith University.	Bulimba Creek, Queensland
Echidna CSI	Echidna + Scat	We want to learn more about echidnas! Where they are, what they are doing, if they are healthy- so we can work towards their conservation. How can you help? By taking photos and collecting scat (i.e. poo).	Australia
Echidna Watch	Echidna	To collate information on the distribution of echidnas in Queensland. This information is shared with Wildnet, the wildlife data repository for government and other organisations, to help plan for better outcomes for echidnas. They also need information on how the echidna is coping with modern hazards and introduced pests.	Queensland
Koala Map	Koalas	KoalaMap is an advanced citizen science based project which aims to record information about koala sightings and habitats to inform the protection and enhancement of critical koala habitats.	Australia
Koala Tracker	Koalas	Crowdsource map of koalas in Australia. Australia's national crowdsourced koala map, plotting the locations of koala populations in the wild, points of impact, causes of death and injury. Become a member of KoalaTracker.com.au to view the map, search the database, and see the library of member images available for use in non-commercial projects	Australia
LCA Koala Program	Koalas	To map the distribution of koala presence and activity index levels of koalas in the Lockyer Valley Region as a contribution to raising awareness of the significance of the koala population in the region and to the conservation of the koala population and its habitat.	Lockyer Valley, Queensland
Monitoring and DNA Profiling Koalas	Koalas	The project aims to monitor and collect data to reveal movements and family relationships of koalas, to help build Australia's first long-term citizen science koala DNA program. Members of the public can photograph and document where they have seen a koala, collect a scat, send it to a laboratory for analysis.	Australia
Northside Squirrel Glider Monitoring	Squirrel Gliders	To fill the missing gaps in observational data within Brisbane City Council owned bushland reserves and private land to	Kedron Brook, Queensland



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Project		determine the presence/absence of Squirrel Gliders (<i>Petaurus norfolcensis</i>) on the Northside of Brisbane.	
PlatypusWatch	Platypus	PlatypusWatch needs your help to learn more about where platypus live and where they are disappearing. PlatypusWatch is a community-based program and involves members of the community undertaking platypus surveys, promoting and recording platypus sightings and assessing platypus habitats. This information is used to identify what education and conservation actions are needed to help protect this mammal.	Gold Coast, Queensland
Platypus Watch and DNA in Dawson River	Platypus	To document where platypus occur to develop a reliable snapshot of platypus populations within the upper Dawson River and tributaries around the Taroom Region, through community based observation surveys (with necessary training) and environmental DNA (eDNA) surveys.	Taroom Region, Queensland
Queensland Glider Network	Squirrel Gliders	To raise awareness of gliders and their habitat requirements. To build community knowledge and interest in gliders. By being a hub for glider conservation, research and information exchange, educate communities to enable them to support local glider populations.	Queensland
Quoll Seekers Network	Quoll	To collect and disseminate information about quolls in order to achieve good conservation outcomes.	Queensland
Report a Platypus/Water-Rat Project	Platypus/Water-rat	Platypus are challenging animals to study in the wild. If you have seen a platypus in the wild (either alive or dead), you have information that is vital to our understanding of the status, distribution and conservation needs of the species. Please report the details of your sighting(s) to the team.	Australia
Report Koala Sightings	Koalas	Help monitor local koala populations by reporting koala sightings using an online form.	Gold Coast, Queensland
WomSAT	Wombats	WomSAT (Wombat Survey and Analysis Tools) is an online mapping project where anybody can record when and where they see wombats or their burrows! This project's aim is to learn more about wombat populations across Australia.	Australia
Ecosystems and biodiversity			
Project name	Subject	Aims	Project location
Australian Biocontrol Hub	Biocontrol	The Atlas of Living Australia (ALA) contains tens of millions of user-submitted species occurrence records from field observations, collections and	Australia



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		surveys. Data such as location coordinates, photographs, and species and host information, can be uploaded and later accessed in spreadsheets or species distribution maps.	
Biodiversity in Scrubby Mountain	Multiple species	This project is to conduct regular flora and fauna surveys on a small property in Scrubby Mountain. Over numerous years, this will show changes to the species frequenting the area. This will also improve species identification skills and contribute data to the ALA for the benefit of everyone. It is hoped an accurate species field guide can be produced from the data.	Scrubby Mountain, Queensland
Bugs to the Rescue... and Rescuing Bugs!	Biodiversity, multiple species	Citizen science project looking for solutions to the threats to the fragile riparian areas of the Mooloolah River including its critically endangered lowland subtropical rainforest and its inhabitants. The project focuses on two major threats, invasive weeds of national significance in the waterways and the loss of habitat. The project will also forage for important pollinators (butterflies, moths and bees).	Sunshine Coast, Queensland
BushBlitz – Backyard Species Discovery	Biodiversity	Bush Blitz is Australia's largest species discovery program documenting Australia's vast biodiversity through expeditions to remote locations. Bush Blitz offers a virtual expedition that everyone can join! While we can't promise you'll find a new species, you will discover some amazing plants and animals living in your own backyard and contribute valuable data to the Atlas of Living Australia.	Australia
Bushfire Recovery Projects	Biodiversity	Devastating bushfires have impacted Australia's biodiversity on a scale not previously seen since record-keeping began in the mid-1800s. Become a citizen scientists and spot animals in photographs captured by automated cameras in burnt areas. With your help researchers can better understand the impacts of the fires on our biodiversity and ecosystems.	Global
Checking for Change	Environment	How will you know whether your work to improve the environmental condition of sites, such as changing timing of grazing or stock numbers to enhance the recovery of native plants, is actually making a difference? It's important to know whether you are on track and knowing that sooner rather than later can help you adjust your management and try new things if necessary to achieve a better result.	Australia
ClimateWatch	Biodiversity and climate change	A mobile app and online portal for recording seasonal behaviour observed in plants and animals. This will help	Australia



Projects for Queenslanders

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		scientists understand how the environment is responding to climate change, whether it be plants blossoming earlier or animals hibernating for longer. ClimateWatch was developed by Earthwatch, the Bureau of Meteorology, and The University of Melbourne.	
Condamine Catchment - Sightings and Surveys	Multiple species	This project includes all surveys for community data recordings in the Condamine Alliance NRM region. This covers both pests and weeds, as well as other biodiversity (plant and animal) sightings.	Condamine, Queensland
Cooloola BioBlitz	Biodiversity	The Cooloola BioBlitz helps to map the biodiversity of the Cooloola Coast and Great Sandy Straits in a series of terrestrial and marine biodiversity mapping events. At the first Cooloola BioBlitz in 2018, 38 species new to science were discovered in just 48 hours!	Cooloola, Queensland
DigiVol	Digitised records	The Atlas of Living Australia, in collaboration with the Australian Museum, developed DigiVol to harness the power of online volunteers to digitise biodiversity data that is locked up in biodiversity collections, field notebooks and survey sheets.	Australia
Fauna Watch	Multiple species	FaunaWatch collects and compiles sighting information submitted by community volunteers. Not just interested in rare or threatened species - what is observed in backyard or local park is just as important. Population monitoring of species can identify changes as early as possible so fauna protection plans can be established.	Sunshine Coast, Queensland
Hollows as Homes	Multiple species	This project works with the community and land managers to assess tree hollow availability, as hollows are an important but limited resource for wildlife in urban and agricultural areas.	Australia
iNaturalist	Multiple species	To empower citizens to record biodiversity.	Global
Little Liverpool Range Initiative	Biodiversity	Information gained from this project will be used by local councils and environmental organisations to target pest management and threatened species recovery projects in the Little Liverpool region.	Little Liverpool, Queensland
NatureMapr	Biodiversity	To empower anybody to report plant or animal information anywhere in Australia and ensure the information gets to the people that need to know about it.	Australia
Questagame	Biodiversity	A mobile app that takes you outdoors to discover, map and ultimately help protect life on our planet. Work individually or as a team to take photographs of animals and plants and	Australia



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		upload them to the Questagame online community. Browse the photos others have uploaded to help identify different species. Your sightings contribute to real research and conservation.	
The Fluker Post Research Project	Environment	To create historical records of the FlukerPost sites so that changes can be monitored over time. Locations in Queensland focus on the Great Barrier Reef.	Australia
Wildlife Sightings in the City of Logan	Multiple species	Explore outdoors and report sightings (or evidence) of threatened or locally significant wildlife you may have encountered while out and about in the City of Logan.	Logan, Queensland
Wildlife Spotter	Multiple species	Wildlife Spotter is an online citizen science project in which participants are asked to identify animals in wilderness photos taken by automated cameras across Australia.	Australia
Coastal monitoring			
Coast4D monitoring program	Coastal monitoring	To better understand coastal processes and interactions between land, sea and humans and to predict the impacts of climate change. Coast4D aims to use photos collected with smartphones to monitor changes in dune vegetation.	Sunshine Coast, Queensland
MangroveWatch	Mangrove and tidal wetland environments	To monitor the environmental health of shorelines and address the urgent need to preserve and protect threatened tidal wetland ecosystems, especially threatened mangrove and saltmarsh habitats.	Global
Our Beaches CoastSnap	Coastal monitoring	Join a global project and help monitor changes to our coastline using an app.	Gold Coast, Queensland, Global