

Green Careers in a Landscape of Possibilities



CONSERVATION AREAS

The rapid loss of biodiversity and ecosystem services that these provide for nature and human well-being needs innovative ecological and social responses to conserve and support sustainable development.

Animal Behaviourist
Archaeologist
Biologist
Chief Information Officer
Conservation Scientist
Curator
Earth and Soil Scientist
Ecologist
Environmental Education Manager
Environmental Scientist
Geneticist
Outdoor Adventure Guide
Palaeontologist
Park Manager
Sociologist
Taxonomist
Veterinarian
Veterinary Nurse
Zookeeper
Zoologist



FORESTRY

Well managed indigenous forests and plantations contribute to healthy functioning ecosystems, economies and livelihoods through direct employment and the provision of wood and by-products.

Arboricultural Farm Manager
Bioengineer
Forest Scientist
Forestry Operations Manager
Logging Plant Operator
Tree Feller Operator



CLIMATE CHANGE

To minimise the impact of increasing temperatures, changing climate and extreme weather events like floods and droughts we need bold and innovative actions for nature, people and economies.

Air Pollution Analyst
Air Pollution Control Engineer
Astronomer
Atmospheric Scientist
Climate Change Scientist
Geographer
Meteorologist
Physicist



WATER

The journey of water, through many winding landscapes, must be effectively and inclusively managed to ensure availability and access to enough, clean drinking water for all, especially in our water scarce country.

Aquatic Biologist
Plumber
Waste Water Plant Operator
Water Allocation Officer
Water and Wastewater Engineer
Water Control Officer
Water Inspector
Water Liaison Practitioner
Water Quality Analyst
Water Resource Manager
Water Treatment Plant Operator
Water Use Specialist



OCEANS AND COASTS

We need an integrated approach to managing our oceans and coasts to secure marine ecosystems, food and livelihood options, especially for dependent coastal communities and supporting coastal economies, employment and recreational activities enjoyed by many.

Compliance Officer
Fisheries Officer
Fisheries Scientist
Fishing Hand
Marine Biologist
Marine Ecologist
Marine Engineer
Marine Safety Officer
Marine Scientist
Oceanographer
Ship's Master



FARMING AND FOOD

Food security is a global priority and we need to find new ways of sustainably producing diverse and nutritious diets for all, within the boundaries of our planet.

Agricultural Economist
Agricultural Engineer
Agricultural Equipment Operator
Agricultural Farm Manager
Agricultural Scientist
Agriculture Extension Officer
Biotechnologist
Game Farmer
Harvester / Picker
Horticulturist
Hydrologist
Indoor Plant Worker
Irrigationist
Livestock Farm Foreman
Mixed Crop Farm Production Foreman
Pest Management Officer
Procurement Manager
Sustainability Manager



CITIES

Our cities are a hive of social and economic activities, with many different and diverse inhabitants. A wide range of equally different and diverse jobs help us to promote environmental health and wellbeing and develop sustainable cities.

Air-conditioning and Refrigeration Mechanic
Architect
Environmental Economist
Environmental Engineer
Environmental Health Officer
Environmental Lawyer
Environmental Manager
Environmental Practices Inspector
Environmental Remediation Specialist
GIS Technician
Journalist
Land Use Planner
Landscape Architect
Landscape Gardener
Policy Analyst
Transport Analyst



WASTE

To promote a sustainable society we need practical, creative and innovative solutions to process waste, reuse and recycle materials, especially plastics, and reduce the volume of waste items entering into our waste stream.

Chemical Engineer
Chemical Waste Controller
Hazardous Materials
Removal Workers
Recycling Collector
Waste Management Practitioner
Waste Material Sorter
Waste Materials Plant Operator
Waste Recycler



ENERGY

To move away from coal fired power, various renewable energy technologies are being explored and scaled up towards a low carbon future.

Biofuels Engineer
Biomass Plant Technician
Electrical Engineer
Electrician
Energy Efficiency Technician
Geothermal Technicians
Hydro Power Plant Controller
Nuclear Power Plant Controller
Power Generation Operations Manager
Renewable Energy Engineer
Solar Power Plant Technician
Wind Energy Engineer



MINING

With better planning and management of operations, the impact of mining on the natural environment can be reduced and land can be rehabilitated to healthy functioning landscapes.

Earthmoving Plant Operator
Geological Surveyor
Geologist
Geophysicist
Hydrogeologist
Materials Engineer
Metallurgist
Mine Design and Planning Manager
Mining Engineer
Mining Technician
Occupational Health and Safety Advisor
Petrologist
Rock Engineering Manager