# CLIMATE CHANGE CAREERS

As the effects of climate change become more extreme, there is a growing need for environmental professionals to work to reduce the negative impact across the world. Explore the related climate change career roles and courses.

#### **RENEWABLE ENERGY**

Sustainable energy sources like wind and solar power are essential to slowing the effects of climate change and reducing CO2 emissions.

- / Physicists carry out assessments to monitor the productivity of wind farms and research ways of making sustainable energy sources like wind power
- / Sustainable energy officers negotiate the building of new wind farms, monitor the effects of wind farms on carbon emissions, and assess their impact on local ecosystems and communities.

#### **CAREER ROLES**

Renewable Energy Scientist / Wind Energy Analyst / Environmental Manager / Environmental Consultant

RELATED COURSES

Environmental Management / Physics

### **OCEAN MANAGEMENT**

Human activities have a devastating impact on our oceans, marine life and habitats.

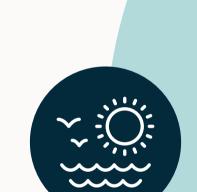
- / Marine biologists work to preserve ocean environments and ecosystems, implement conservation strategies, study marine life and its interaction with the environment, and measure human impact on the oceans.
- Geographers and environmental professionals work to monitor the speed of rising sea levels, assess water quality, and manage and reduce ocean pollution.

#### **CAREER ROLES**

Oceanographer / Marine Biologist / Marine Conservationist / Coastal Risk Officer / Water Management Consultant

#### **RELATED COURSES**

Marine Biology / Geography and Environmental Management



### **SUSTAINABLE FOOD AND SUPPLY CHAINS**

Climate change contributes to food insecurity across the globe, impacting the complex supply chains that keep our supermarket shelves stocked.

- / Food security researchers monitor these supply chains and research the global market's effect on food production and prices.
- / Environmental managers provide sustainable solutions to reduce carbon emissions from food production, packaging and transportation.

Food Security Researcher / Environmental Manager / Sustainability Manager

**RELATED COURSES** 

Geography / Environmental Management



## **ENVIRONMENTAL** CONSULTANCY

There is a greater need for environmental consultants to advise on best environmental practice, as the impact of global warming causes increasing devastation.

- / Environmental consultants help companies reduce their environmental impact and make sure they are complying with regulations.
- / They can specialise in a specific area such as soil contamination, water pollution, carbon emissions, waste management and more.

#### **CAREER ROLES**

Environmental Consultant / Ecological Consultant

### **RELATED COURSES**

Geography / Environmental Management / Biological

### **NATURAL DISASTERS**

Natural disasters such as flooding, wildfires and droughts, and supercharged storms are becoming more and more common.

- / Flood specialists work on sustainable river restoration and natural flood management projects to prevent or lessen the effects of future flooding events.
- / Drought modelling scientists create models to predict future events of drought to help communities better plan and prepare.

Meteorologist / Flood Management Specialist / Drought Modelling

### **RELATED COURSES**

Geography / Environmental Management



### **BIODIVERSITY**

Looking after local wildlife in urban and rural areas is essential to preventing further biodiversity loss and protecting endangered species.

/ Conservation and ecology specialists work to improve wildlife habitats by expanding woodland and wetland areas, building green infrastructure in urban areas and improving water quality in local rivers.

### **CAREER ROLES**

Conservation Specialist / Nature Project Officer / Fresh Water Conservationist / Ecological Consultant

### **RELATED COURSES**

Wildlife Conservation / Biological Sciences / Zoology / Environmental Management

#### **RECYCLING AND WASTE MANAGEMENT**

Recycling helps to save energy, reduce waste and pollution, and prevent the extraction of further raw materials.

- / Recycling officers manage local recycling schemes and develop waste reduction policies.
- / Waste management officers help develop more sustainable waste disposal schemes, and ensure that waste disposal complies with pollution regulations.

## **CAREER ROLES**

Recycling Officer / Waste Management Officer

### **RELATED COURSES**

Geography / Environmental Management

