

# Index

## A

abiotic 32  
abrasion 63, 65, 71, 81, 82  
active layer 52, 53  
aeroponics 155–6  
afforestation 77  
agribusiness 148  
aid 14, 114, 118, 124, 138, 175  
air pollution 93, 103, 124  
airport 135–6  
Alaska 56, 57  
Amazon rainforest 41  
animal adaptation 39–40, 47, 54  
Antarctic Treaty 58  
Antarctica 52, 54, 56, 57  
appropriate technology 50, 51, 118, 156  
aquaculture 158  
aquifer 161, 163, 164  
arch, formation 65  
arête 82  
assisted areas, UK 137–8  
atmospheric circulation 18, 35, 36  
attrition 63, 72  
autotroph 33

## B

backwash 61, 62, 63, 66  
bar formation 66  
basal slip 81  
bay, formation 64  
beach 65, 68, 192  
biodiversity 40, 48, 54  
biomass 33, 146, 171  
biome 31, 34, 37  
biotic 32  
birth rate 110, 112  
Brazil 90–94, 119  
brownfield site 103, 104  
buildings 17, 173  
business parks 129

## C

Cambridge Science Park 129  
canopy, forest 38  
carbon cycle 43  
carbon dioxide 28, 40, 43  
carbon footprint 147  
car, energy efficient 174  
catchment area 71  
cave, formation 65  
cities 88, 90–95, 98, 105  
classification of countries 109, 114  
clay 60, 64  
cliffs 64  
climate change 10, 20, 25–29, 49, 178  
climate change agreements 58  
coal reserves 55, 150, 151  
coastal landforms 64, 65–6  
coastal landscapes, UK 61–63  
coastline management 67–70  
cold environments 52  
Commonwealth 138  
conflict 154, 155  
constructive waves 61, 63, 65  
consumers 33, 54  
corrasion 63, 65, 72, 81, 82  
corrie 81–82

corruption 118, 122  
crime rates 92, 94, 120  
critical thinking 182

## D

dam 77, 146, 157, 163  
data collection 189, 190  
death rate 110, 112  
debt reduction and relief 45, 119  
deciduous trees 31  
decomposers 31, 33  
deforestation 10, 28, 34, 40–41, 42, 75, 124  
deindustrialisation 126, 136  
demographic transition model (DTM) 112  
Department for International Development (DFID) 138  
deposition 63, 65, 72, 74, 80, 81  
deprivation, urban 101–102  
deregulation 127  
desalination 163  
desertification 46, 49–50  
destructive waves 61, 62, 64, 68  
development 109–110, 112–114, 117, 118, 122  
disease 93, 94, 162  
doctors available 110, 115  
drainage basins 71  
drumlin 84

## E

earthquake 11, 13–15, 17  
Earth's crust 11, 12  
ecological footprint 106  
economic measure 109, 111  
economy, UK 126–8  
ecosystem 31–37  
ecotourism 44, 120  
embankment 77  
energy conservation 173, 174  
energy consumption 143, 146, 166, 167, 174  
energy mix, UK 150–1  
energy, nuclear 150, 152, 168, 172  
energy, renewable 63, 145–6, 150, 167–8, 171, 175  
energy security and insecurity 166, 169, 170, 172  
energy supply 145–6, 151, 166, 171  
Enterprise Zones 137  
Environmental Protection protocol 57, 58  
Epping Forest 31–32  
erosion 50, 63–5, 72, 74, 80–1, 155  
erratics 84  
Ethiopia, water scheme 165  
European Regional Development Fund (ERDF) 137–8  
European Union 138  
eutrophication 148  
evapotranspiration 39  
exam preparation 181–82, 183, 184–5, 188–90, 192–3

## F

Fairtrade 118–19  
famine 155  
farming 85, 132, 145, 148, 154, 158  
Favela Bairro Project 95–6  
favela 90, 91, 92, 93–6  
Felixstowe 134, 138  
fetch 61  
fieldwork enquiry 188  
finance industry 128  
flood management 76–9  
flooding 24  
floodplain 75, 77