8 A changing world

Glossary

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- 8.1 wildfire (n) /'warldfarə(r)/
 a fire in the countryside that is burning out
 of control The wildfire has completely
 destroyed the forest. ❖ pożar w naturze
- 8.2 consequence (n) /ˈkɒnsɪkwəns/
 a result of an action or situation, usually
 a bad one If we continue destroying the
 environment, we will have to suffer the
 consequences. ❖ konsekwencja

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8.3 effect (n) /r¹fekt/ a result of sth ● You should protect your skin against the harmful effects of the sun. ➤ effective (adj), effectively (adv) ❖ efekt

LOOK!

The word *affect* is usually a verb meaning 'have an influence or cause a change'. Remember that: if A *affects* B, A has an *effect* on B.

- → The climate can affect all aspects of our lives.
- → The climate can have an effect on all aspects of our lives.
- 8.4 climate change (n) /ˈklaɪmət ˌtʃeɪndʒ/
 changes in the weather of the planet as a
 result of increasing the level of carbon dioxide
 in the atmosphere Climate change is a slow
 process, but we can already see the weather
 getting warmer in many parts of the Earth.
 ❖ zmiana klimatu
- 8.5 carbon emissions (n pl) /ˈkɑːbən iˌmɪʃənz/ carbon dioxide produced by cars, planes, factories, etc. that harms the environment
 Rich countries should take more measures to reduce carbon emissions. ❖ emisja dwutlentku węgla
- **8.6 fossil fuel** (n) /'fosl ˌfjuːəl/
 fuels such as gas and oil, produced
 underground millions of years ago from parts
 of dead animals and plants We need to find
 other solutions as the world is running out of
 fossil fuels. ❖ paliwo kopalne
- 8.7 fuel (n) /'fju:əl/ a substance that we burn to provide heat or power ● The plane had to land because it was running out of fuel. ➤ fuel (v) ❖ paliwo

- vegan (adj) /'vi:gən/
 not eating or using any animal products
 I stopped eating meat many years ago,
 but now I'm going vegan so no more fish, eggs
 or cheese for me! > vegan (n) ❖ wegański
- 8.9 green (adj) /gri:n/ related to the protection of the environment
 Vegans are very interested in green issues.
 ❖ ekologiczny
- 8.10 loss (n) /los/
 the state of having lost sth Weight loss can
 be a sign of health problems. ➤ lose (v)

 ❖ utrata
- 8.11 habitat (n) /ˈhæbɪtæt/
 the natural environment of an animal or plant

 Tropical forests are the natural habitat of many animals that are in danger of extinction.
 ❖ siedlisko
- alternative (n) /ɒl'tɜːnətɪv/
 a thing that you can choose to use or do
 instead of sth else I decided to decline
 his offer and I am looking for alternatives.

 > alternate (v), alternative (adj)

 decided to decline
 his offer and I am looking for alternatives.

 > alternatywa
- 8.13 solar (adj) /'səʊlə(r)/
 of the sun or from the sun We have installed
 a solar water heater. ❖ słoneczny
- 8.14 release (v) /rr'liːs/
 let sth spread into the atmosphere
 The accident released a dangerous amount of radioactivity into the atmosphere.
 ➤ release (n) ❖ wypuszczać
- 8.15 coal (n) /kəʊl/
 a hard black substance that you burn to
 produce heat or power Can you put some
 more coal on the fire? ❖ wegiel
- **8.16** oil (n) /ɔɪl/ petroleum Oil companies are obviously against solar power. ❖ olej
- 8.17 associate (v) /əˈsəʊsieɪt/
 make a connection in your mind I always
 associate the smell of fresh bread with my
 grandmother. ➤ association (n)
 ❖ połączyć
- 8.18 pessimistic (adj) /ˌpesɪˈmɪstɪk/ believing that bad things will happen He was very pessimistic about our plan, but I think it will be a success. ➤ pessimism (n), pessimist (n) ❖ pesymistyczny ⑤ Opp: optimistic

- 8.19 overwhelmed (adj) /ˌəʊvəˈwelmd/
 feeling that sth is so bad or so big that you
 can't do anything about it There were
 so many emails to respond to that I was
 overwhelmed. ➤ overwhelm (v), overwhelming
 (adj) ❖ przytłoczony
- 8.20 do my best (expr) /du: maɪ best/ do as much as you can to achieve sth ● I did my best to solve the problem, but unfortunately I didn't manage to. ❖ dać z siebie wszystko
- 8.21 consume (v) /kən'sjuːm/
 use (fuel, energy, time) It's a very expensive
 car to run it consumes a lot of fuel.

 > consumption (n), consumer (n),
 consumerism (n) ❖ zużywać
- 8.22 renewable (adj) /rr'njuːəbl/
 that can be used and easily replaced The
 arrangement lasts for a year and is renewable
 for another year. ❖ odnawialny
- 8.23 renewable energy (n) /rr'njuxəbl 'enədʒi/
 energy, such as solar power, that can be
 produced without using fossil fuels In a few
 decades, fossil fuels will have run out and
 we will have no choice but to use renewable
 energy. ❖ energia odnawialna
- 8.24 wind power (n) /wind paʊə(r)/
 electricity produced from the power of the wind
 Some people think wind power can help solve the energy problem. ❖ energia wiatru
- 8.25 scale (n) /skeɪl/
 the size or level of sth People must
 understand the scale of the problem. It isn't
 limited to our own country. ❖ skala
- 8.26 dramatically (adv) /drəˈmætɪkəli/
 suddenly and obviously House prices in the
 city centre have increased dramatically.

 > dramatic (adj) ❖ dramatycznie
- 8.27 share (n) /ʃeə(r)/
 a part of something that has been divided between two or more people Your share of the cost is 15 euros. ➤ share (v)
 ❖ cześć
- 8.28 represent (v) /ˌreprɪˈzent/
 be, be equal to These suggestions represent
 a change in our approach. ➤ representation
 (n) ❖ przedstawiać
- 8.29 agriculture (n) /ˈægrɪkʌltʃə(r)/
 farming The country's economy depends on agriculture rather than technology.

 ❖ rolnictwo
- **8.30 figure** (n) /'frgə(r)/
 a number I've added the latest costs and these are the final figures. ❖ liczba
- **8.31 use (sth) up** (phr v) /ju:z ('sʌmθɪŋ) ʌp/ use all of sth, until there is nothing left We used up all the flour for the cupcakes so we couldn't make a pizza. ❖ zużyć (coś)

- 8.32 tax (n) /tæks/ money that you pay to the government on the money you earn and products and services you buy ● In most countries, there are heavy taxes on alcohol and tobacco. ❖ podatek
- 8.33 authentic (adj) /ɔː'θentɪk/
 real, true, not fake Wait till you taste the
 authentic Italian ice cream. You won't eat the
 ice cream we get from the shop again!

 ❖ autentyczny
- power (v) /paʊə(r)/
 provide a machine with the energy that it
 needs to work The aircraft is powered by
 four jet engines. ➤ power (n), powerful (adj),
 powerless (adj) ❖ zasilać
- 8.35 in (sb's) hands (expr) /In ('sʌmbədiz) hændz/
 controlled or taken care of by sb The
 matter is no longer in my hands, I have no
 responsibility for it. ❖ w (czyichś) rękach
- 8.36 species (n) /'spiːʃiːz/
 a group of animals or plants that share the
 same characteristics and can produce healthy
 young Many species of insects exist only in
 certain areas of the planet. ❖ gatunki
- 8.37 vegetarian (adj) /ˌvedʒɪˈteəriən/
 not eating meat or not including meat lt's
 a vegetarian restaurant so they don't serve
 meat. ➤ vegetarian (n) ❖ wegetariański

Vocabulary Page 92

- 8.38 nature reserve (n) /'neɪtʃə rɪˌzɜːv/
 an area where wild animals can live and be protected The island is a nature reserve, where seals can live in peace.
 ❖ rezerwat przyrody
- 8.39 endangered (adj) /ɪn'deɪndʒəd/
 in danger of extinction Many species of sea turtle are now endangered. ➤ endanger (v)
 ❖ zagrożony
- 8.40 resource (n) /rɪˈzɔːs/
 sth that you have and can use Water
 resources on the island are limited.
 * zasób
- **8.41** gas (n) /gæs/ a substance in a form like air ● *Air is actually a* mixture of gases. ❖ gaz
- 8.42 atmosphere (n) /'ætməsfɪə(r)/
 the mixture of gases around the Earth The
 atmosphere of many cities in Asia is polluted.
 >> atmospheric (adj) ❖ atmosfera
- 8.43 generate (v) /ˈdʒenəreɪt/
 produce or create The program can
 generate images based on your instructions.
 >> generation (n) ❖ generować

- 8.44 source (n) /sɔːs/
 the place that something comes from Oranges
 are a great source of vitamin C. ❖ źródło
- 8.45 threat (n) /θret/
 a person or thing that will probably cause sth
 bad to happen Human activity represents a
 threat to the survival of the planet. ➤ threaten
 (v), threatening (adj) ❖ zagrożenie
- 8.46 global warming (n) /ˌgləʊbl ˈwɔːmɪŋ/
 the increase in world temperatures that
 gases like carbon dioxide are causing The
 disastrous effects of global warming are not
 yet fully known. ❖ globalne ocieplenie
- 8.47 organic (adj) /ɔːˈgænɪk/
 grown without using chemicals Organic food
 is certainly more expensive, but it is much
 healthier. ❖ organiczny
- 8.48 surround (v) /səˈraʊnd/
 be everywhere around sth Tall buildings
 surround the town square. ➤ surroundings
 (n pl) ❖ otaczać
- 8.49 solid (adj) /'solid/ hard, not in the form of liquid or gas • *Ice is* water in its solid state. ➤ solid (n) ❖ stały
- 8.50 liquid (adj) /'lɪkwɪd/
 in a form like water, that you can easily pour
 Mercury is a liquid metal. ➤ liquid (n)
 ciekły
- 8.51 coast (n) /kəʊst/
 the land next to the sea The town is built on
 the Mediterranean coast. ➤ coastal (adj)

 ❖ wybrzeże
- 8.52 introduce (v) /¡ıntrəˈdʒuːs/
 put sth into use for the first time They have
 introduced a new method for measuring
 energy consumption. ➤ introduction (n)
 ❖ wprowadzić
- 8.53 mass (adj) /mæs/
 involving a large number The government's measures led to mass unemployment.
 ➤ mass (n), massive (adj) ❖ masowy
- 8.54 ecology (n) /i'kɒlədʒi/
 the relationship of living things with each other
 and with the environment Oil pollution has
 seriously damaged the ecology of the coastal
 area. ➤ ecological (adj) ❖ ekologia
- 8.55 carbon dioxide (n) /ˌkɑːbən daɪˈɒksaɪd/
 the gas that is formed when carbon is burned
 or when we breathe out There has been
 a rise in the level of carbon dioxide in the
 atmosphere in recent years. ❖ dwutlenek
 wegla
- 8.56 carbon footprint (n) /ˌkɑːbən ˈfʊtprɪnt/
 the amount of carbon dioxide that an activity
 produces More and more people are using
 bicycles rather than cars, to reduce their
 carbon footprint. ❖ ślad węglowy

- 8.57 greenhouse gas (n) /ˌgriːnhaʊs ˈgæs/
 carbon dioxide or another of the gases that are
 considered responsible for global warming

 Reducing greenhouse gas production is
 quite an expensive process. ❖ gaz cieplarniany
- 8.58 heat up (phr v) /hi:t ∧p/
 make or become warmer It's quite a large
 room and will take a while to heat up.
 ❖ podgrzać
- 8.59 greenhouse effect (n) /ˈgriːnhaʊs ɪˌfekt/
 the natural phenomenon whereby the heat
 from the sun enters the Earth's atmosphere
 but is unable to escape it It is believed that
 carbon dioxide increases the greenhouse
 effect and causes global warming.
 ❖ efekt cieplarniany
- build up (phr v) /bɪld ʌp/
 increase in quantity The pressure built up
 until he could no longer take it and he fell ill.
 ❖ wzrastać
- trap (v) /træp/
 keep sb/sth in one place so that they/it cannot escape He managed to trap the mouse with a piece of cheese. ➤ trap (n) ❖ uwiezić
- 8.62 contribute (v) /kən'trɪbjuːt/
 be one of the reasons why sth happens
 Stress certainly contributes to the development of the disease. ➤ contribution (n)
 przyczynić się

Climate crisis

carbon emissions greenhouse effect carbon footprint greenhouse gas climate change renewable energy fossil fuel solar power global warming greenhouse effect greenhouse gas renewable energy solar power wind power

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- 8.63 reusable (adj) /ˌriː'juːzəbəl/
 that can be used again l've got a reusable
 water bottle made of glass. ❖ wielokrotnego
 użytku
- 8.64 remains (n pl) /rr'meinz/ pieces of sth that continue to exist after it has been destroyed or taken away • He fed the remains of the meal to the dog. ➤ remain (v), remainder (n) ❖ pozostałości
- water cooler (n) /ˈwɔːtə ˌkuːlə(r)/
 a machine that provides cool drinking water
 If you're thirsty, just go to the water cooler for a drink. ❖ dystrybutor wody
- 8.66 float (v) /fləʊt/
 stay on the surface of the water and not sink to
 the bottom Plastic bags were floating on the
 water. ❖ unosić się na wodzie

- 8.67 imperative (n) /ɪm'perətɪv/
 a verb form used to give orders In the phrase
 "go away!" the verb "go" is in the imperative
 form. ❖ tryb rozkazujący
- 8.68 adapt (v) /əˈdæpt/
 change so as to suit different conditions and continue to exist All living things have to adapt to changes in their environment.
 ➤ adaptation (n) ❖ przystosować się
- 8.69 hybrid car (n) /'haɪbrɪd kɑ:(r)/
 a car with both a petrol engine and an
 electric motor Hybrid cars don't harm the
 environment as much as normal cars.
 ❖ samochód hybrydowy
- 8.70 aluminium (n) /æljəˈmɪniəm/ a light, silver-grey metal ● Our new window frames are made of aluminium. ❖ aluminium
- 8.71 flame (n) /fleɪm/
 a hot stream of burning gas from a fire
 For a moment I saw his face in the flame of the match. ❖ płomień
- 8.72 come into contact with (expr) /kʌm 'ɪntə 'kɒntækt wɪð/ touch You shouldn't let the chemical come into contact with your skin. ❖ mieć kontakt z
- 8.73 explosion (n) /ɪk'spləʊʒən/
 energy released by a bomb or sth similar
 There was a gas explosion and three people were injured. ➤ explode (v), explosive (adj)
 ⇔ eksplozja
- 8.74 mayor (n) /meə(r)/
 the head of the government of a city or town
 The new mayor stated that his first priority was to clean up the city. ❖ burmistrz

Listening Page 94

- 8.75 function (n) /ˈfʌŋkʃn/
 the purpose of sth What is the function of these lights on the front of the machine?
 ❖ funkcja
- 8.76 admit (v) /ədˈmɪt/
 say that you have done sth wrong
 She admitted that she had been rude.
 ➤ admission (n) ❖ przyznać
- 8.77 enquire (v) /ɪn'kwaɪə(r)/
 ask for information *I called the shop to*enquire about the discounts they were
 advertising. ➤ enquiry (n) ❖ dowiadywać się

 Syn: inquire
- 8.78 seek (v) /siːk/ ask for ● *I think you should seek the advice of* a lawyer. ❖ szukać
- 8.79 warn (v) /wɔːn/
 tell sb about possible dangers or problems in
 the future The doctor warned him of the risk,
 but he didn't listen. ❖ ostrzec

- 8.80 recycling bin (n) /ˌriː'saɪklɪŋ bɪn/
 a box in which you put things that will be
 recycled Can you put these old magazines in
 the recycling bin? ❖ kosz do recyklingu
- 8.81 solar panel (n) /ˌsəʊlə ˈpænl/
 a piece of equipment, usually on the roof of a
 building, that collects energy from the sun and
 produces electricity We have a solar panel to
 power our central heating. ❖ panel słoneczny
- 8.82 double (v) /'d∧bl/
 become twice as much or as many

 The town's population has doubled in the last three years. ❖ podwajać
- 8.83 discourage (v) /dr'sk∧rɪdʒ/
 try to prevent sb from doing sth I tried to
 discourage them from using plastic.

 > discouragement (n) ❖ zniechęcać

 Opp: encourage
- 8.84 prohibit (v) /prəˈhɪbɪt/
 refuse to let sth happen Smoking is
 prohibited in restaurants. ➤ prohibition (n)
 ❖ zakazać Syn: forbid, Opp: allow
- 8.85 remind (v) /rɪˈmaɪnd/
 help sb remember sth Can you please
 remind me to call my mother before I leave?

 > reminder (n) ❖ przypomnieć

LOOK!

The verb *remind* can be used in different ways with a slight change in meaning:

- → He reminded me of my father. (= he had similarities that made me think about my father)
- → She reminded me **about** the report I had to do. (= she didn't let me forget)
- → Can I remind you that your flight is in two hours? (= let me help you remember)
- → Please remind me to call him later. (= help me remember to do sth)

Speaking Page 95

- 8.86 local council (n) /ˌləʊkl ˈkaʊnsl/
 the local government of a town, city or larger
 area Local councils are responsible for
 libraries and transport, among other things.
 ❖ samorząd lokalny
- 8.87 waste (v) /weist/ use more of sth than is necessary or use sth badly • You're wasting your time talking to him – he never listens to anyone. ➤ waste (n), wasteful (adj) ❖ marnotrawić
- in practice (phr) /in 'præktis/
 in reality I understand what you're planning to do, but in practice it's never going to work.
 ❖ w praktyce

8.89	reasonable (adj) /ˈriːzənəbl/ acceptable and appropriate ● Please try to complete your project within a reasonable time. ❖ rozsądny ⑤ Opp: unreasonable
8.90	instantly (adv) /'ɪnstəntli/ immediately ● A computer can instantly access information on its hard drive. ❖ natychmiast
8.91	lengthy (adj) /'leŋθi/ that lasts a long time • It was a very lengthy speech and the audience were bored. ➤ length (n), lengthen (v) ❖ przydługi
8.92	single-use (adj) /ˌsɪŋgl ˈjuːs/ that can be used once and then should be thrown away • Single-use plastic cups are bad for the environment. • jednorazowego użytku
8.93	be a question of (phr) /bi ə 'kwest∫ən əv/ what the most important issue of a situation is • There's no doubt water levels are rising. It's a question of how much they rise each year. ❖ być kwestią
8.94	in the long term (phr) /ɪn ðə ˌlɒŋ ˈtɜːm/ a long time in the future ● It looks like a good idea, but we don't know how effective it will be in the long term. ❖ w dłuższej perspektywie
Grammar Page 96	
8.95	ozone layer (n) /ˈəʊzəʊn ˌleɪə(r)/ part of the Earth's atmosphere containing ozone which protects us from harmful radiation • The holes in the ozone layer can speed up the process of global warming. ❖ warstwa ozonowa
8.96	ultraviolet light (n) /ˌʌltrəˈvaɪələt laɪt/

- ıe ne. va
- (UV) a type of invisible light that causes the skin to turn darker • You should use sun cream to protect your skin from ultraviolet light. ❖ światło ultrafioletowe
- 8.97 provided (that) (conj) /prə'vaɪdɪd (ðæt)/ only if • We can go tomorrow provided that the weather is still good. ❖ pod warunkiem (że)
- 8.98 providing (that) (conj) /prəˈvaɪdɪŋ (ðæt)/ only if • They'll lend you the money providing that you pay it back. * jeżeli
- 8.99 supposing (that) (conj) /səˈpəʊzɪn (ðæt)/ if or what if • Supposing you saw a bear in the street, what would you do? ❖ zakładając (że)
- 8.100 suppose (that) (conj) /səˈpəʊz (ðæt)/ if or what if • Suppose he refuses, what will you do? ❖ przypuściwszy (że)
- 8.101 otherwise (adv) /'Aðəwaiz/ if that doesn't/didn't happen; if the situation is/was different • We'd better hurry up, otherwise we'll miss our plane. * inaczej
- 8.102 permit (n) /'ps:mit/ an official document that gives you the right to do sth • I'm afraid you can't get a job in the USA as you don't have a work permit. > permit (v), permission (n) * pozwolenie

Use your English Page 97

- 8.103 put up with (phr v) /pot np wið/ accept sb/sth that is unpleasant or annoying without complaining • I'm not going to put up with his rude behaviour any longer. znosić
- 8.104 convenience (n) /kən'vixniəns/ the state of being useful and easy • The abbreviations are explained on each page for convenience. > convenient (adi) wygoda
- 8.105 **slow (sth/sb) down** (phr v) /sləʊ ('sʌmθɪŋ/ 'sʌmbədi) daʊn/ make sth/sb become slower • He's moving too fast – someone needs to slow him down. zwolnić (coś/kogoś)
- 8.106 add to (phr v) /æd tə/ increase • The terrible weather only added to the problems we were already having. dodać do
- 8.107 **soak (sth) up** (phr v) /səʊk ('sʌmθɪŋ) ʌp/ take in and hold (a liquid) • You can use this dishcloth to soak up the water that you've spilt. namoczyć (coś)
- **cut (sth) down** (phr v) /knt ('snmθιη) daʊn/ 8.108 cut and make a tree or other plant fall to the ground • They are cutting down the whole forest to build a new hotel. * ściąć (coś)
- 8.109 put an end to (expr) /put ən end tə/ make sth stop • Why don't you just tell the truth and put an end to all those rumours? ❖ położyć kres
- tackle (v) /'tækl/ 8.110 try to deal with • I know it's a difficult situation, but we're going to try and tackle it as well as we can. * radzić sobie z
- 8.111 do my bit (expr) /du: mai bit/ do your share of work • If everyone does their bit, we can finish the job by tomorrow. wykonać swoją działkę
- 8.112 take action (expr) /teik 'ækfən/ do something to help a situation • If you really care about the environment, you need to take action, not just sit there and talk about it. podjąć działanie
- 8.113 ecosystem (n) /'iːkəʊˌsɪstəm/ all the living things in an area together with their environment • Cutting down those trees will harm the forest ecosystem. ❖ ekosystem
- 8.114 collapse (v) /kəˈlæps/ suddenly fail and/or stop existing • The market collapsed because of the war. ➤ collapse (n) zawalić się
- 8.115 decline (n) /dɪˈklaɪn/ a continual decrease • The figures show a sharp decline in sales this year. ➤ decline (v) upadek

Phrasal verbs

add to heat up soak up build up put up with use up

cut down result in die out slow down

Writing Pages 98-99

8.117 prefix (n) /'pri:fiks/
one or more letters that you can add to the beginning of a word to change its meaning
In the word 'unable', 'un' is a prefix. ❖ prefiks

8.118 suffix (n) /'sʌfɪks/
one or more letters that you can add to the end
of a word to make a new word ● You can add
the suffix '-ly' to most adjectives to make an
adverb. ❖ przyrostek

8.119 punctuation (n) /ˌpʌŋktʃu'eɪʃn/
special symbols you use when you are writing,
such as the comma and the full stop ● The
most common punctuation marks are commas
and full stops. ➤ punctuate (v) ❖ interpunkcja

8.120 apostrophe (n) /əˈpostrəfi/
the punctuation mark' as in he's or Maria's

I'd, with an apostrophe, can mean I had or I would. ❖ apostrof

8.121 dump (v) /dʌmp/
get rid of sth especially in an unsuitable place
The factory continues to dump chemicals into the river. ❖ wyrzucić

8.122 waste (n) /weist/ materials that are not needed and are thrown away ● You should put household waste in strong garbage bags before taking it out. >> waste (v) ❖ odpady

8.123 protest (n) /'proʊtest/
an event where people show their
disagreement ● The protest yesterday was
peaceful. ➤ protest (v), protester (n)
protest

8.124 powerless (adj) /'paʊələs/
having no power ● Ordinary people often feel
powerless when facing the authorities.
> power (v, n) ❖ bezsilny ⑤ Opp: powerful

8.125 individual (adj) /ˌɪndɪˈvɪdʒuəl/ considered separately from others ● Each individual member of the team had something different to say. ➤ individual (n), individually (adv) ❖ indywidualny 8.126 sophisticated (adj) /səˈfɪstɪkeɪtɪd/
clever and complicated ● The museum has a
very sophisticated security system.
> sophistication (n) ❖ wyrafinowany

Video Page 100

8.127 melt (v) /melt/
turn into liquid ● The sun came out and the
snow soon melted. ❖ topnieć

8.128 glacier (n) /'glæsiə(r)/
a large, slow-moving mass of ice ● There are
glaciers near the North and the South Pole, but
also on some high mountains. ❖ lodowiec

8.129 iceberg (n) /'aɪsbɜːg/
a very large mass of ice floating in the sea
The ship had to change course to avoid colliding with an iceberg. ❖ góra lodowa

8.130 ice sheet (n) /'aɪs ʃiːt/
a layer of ice that has covered an area of land
for a long time ● Scientists have discovered
ancient bacteria under the East Antarctic ice
sheet. ❖ pokrywa śnieżna

asthma (n) /ˈæsmə/ a medical condition that makes it difficult to breathe ● Air pollution can make asthma worse. ❖ astma

8.132 drought (n) /draʊt/ a long period of no rain ● The drought harmed the crops severely. ❖ susza

8.133 vapour (n) /'veɪpə(r)/
gas that results from heating a liquid ● Both
clouds and fog consist of water vapour. ❖ para

8.134 methane (n) /ˈmiːθeɪn/
a gas without colour or smell that burns easily
Methane is one of the gases responsible for the greenhouse effect. ❖ metan

8.135 revolution (n) /,revə'lu:∫n/
an important change in the way people do
things • The technological revolution has
completely changed the workplace.

> revolutionary (adj) ❖ rewolucja

8.136 fluctuate (v) /'flʌktʃuert/
change continuously between one thing or
level and another ● Accommodation prices
fluctuate depending on the season.

❖ oscylować

8.137 smog (n) /smog/ a type of air pollution that looks like a mixture of smoke and fog ● Smog is very common in big cities. ❖ smog

8.138 alarming (adj) /ə'lɑːmɪŋ/
causing worry and fear ● There has been
an alarming increase in crime recently.
❖ niepokojące