

T1 ecosystem	T1 predation	T1 competition
T1 symbiosis	T1 biome	T1 temperature and precipitation
T1 tropical rainforest	T1 desert	T1 salinity

T1 jìng zhēng	T1 bǔ shí	T1 shēng tài xì tǒng
T1 jiàng shuǐ	T1 shēng wù qún xì	T1 gòng shēng
T1 yán dù	T1 shā mò	T1 rè dài yǔ lín

T1 Estuaries	T1 coral reef	T1 carbon cycle
T1 fossil fuels	T1 nitrogen cycle	T1 Nitrogen fixation
T1 phosphorus cycle	T1 limiting nutrient	T1 water cycle

T1 tàn xún huán	T1 shān hú jiāo	T1 hé kǒu
T1 gù dàn	T1 dàn xún huán	T1 huà shí rán liào
T1 shuǐ xún huán	T1 xiàn zhì xìng yíng yǎng	T1 lín xún huán

T1 evaporation	T1 transpiration	T1 Primary productivity
T1 trophic levels	T1 producers	T1 primary, secondary, and tertiary consumers
T1 decomposers	T1 food chain	T1 food web

T1 chū jí shēng chǎn lì	T1 zhēng téng	T1 zhēng fā
T1 xiāo fèi zhě	T1 shēng chǎn zhě	T1 yíng yǎng jí
T1 shí wù wǎng	T1 shí wù liàn	T1 fēn jiě zhě

T1 keystone species	T2 Biodiversity	T2 environmental stressors
T2 population bottleneck	T2 species richness	T2 resilient
T2 specialist	T2 generalist	T2 Ecosystem services

T2 huán jìng yā lì	T2 shēng wù duō yàng xìng	T1 guān jiàn zhǒng
T2 yǒu rèn xìng de	T2 wù zhǒng fēng fù dù	T2 zhǒng qún píng jǐng
T2 shēng tài xì tǒng fú wù	T2 guǎng shì xìng	T2 tè huà

T2 Anthropogenic	T2 Island biogeography	T2 endemic
T2 invasive species	T2 range of tolerance	T2 optimal range
T2 zones of stress	T2 Ecological tolerance	T2 Periodic

T2 tè yǒu	T2 dǎo yǔ shēng wù dì lǐ xué	T2 rén wéi de
T2 zuì shì fàn wéi	T2 nài shòu fàn wéi	T2 rù qīn wù zhǒng
T2 zhōu qī xìng	T2 shēng tài nài shòu xìng	T2 xié pò qū

T2 Episodic	T2 Random	T2 migration
T2 adaptation	T2 natural selection	T2 Ecological succession
T2 Primary succession	T2 Pioneer species	T2 lichens

T2 qiān xǐ	T2 suí jī	T2 ǒu fā xìng
T2 shēng tài yǎn tì	T2 zì rán xuǎn zé	T2 shì yìng
T2 dì yī	T2 xiān fēng wù zhǒng	T2 chū jí yǎn tì

T2 Secondary succession	T2 climax community	T2 keystone species
T2 indicator species	T3 generalist	T3 specialist
T3 survivorship curve	T3 carrying capacity	T3 exponentially

T2 guān jiàn zhǒng	T2 dǐng jí qún luò	T2 cì jí yǎn tì
T3 xiá shì xìng wù zhǒng	T3 guǎng shì xìng wù zhǒng	T2 zhǐ shì wù zhǒng
T3 zhǐ shù zēng zhǎng	T3 huán jìng róng nà liàng	T3 cún huó qū xiàn

T3 logistic	T3 Limiting factors	T3 age-structure diagram
T3 total fertility rate	T3 ecological footprint	T3 demographic transition
T4 plates	T4 plate tectonics	T4 Soil

T3 nián líng jié gòu tú	T3 xiàn zhì yīn sù	T3 luó jí sī dì zēng zhǎng
T3 rén kǒu zhuǎn xíng	T3 shēng tài zú jì	T3 zǒng shēng yù lǜ
T4 tǔ rǎng	T4 bǎn kuài gòu zào	T4 bǎn kuài

T4 weathers	T4 Erosion	T4 texture
T4 horizons	T4 porosity	T4 permeability
T4 atmosphere	T4 troposphere	T4 stratosphere

T4 zhì dì	T4 qīn shí	T4 fēng huà
T4 shèn tòu xìng	T4 kǒng xì dù	T4 tǔ céng
T4 píng liú céng	T4 duì liú céng	T4 dà qì céng

T4 global wind patterns	T4 convection cells	T4 Coriolis effect
T4 watershed	T4 rain shadow	T4 El Niño
T4 La Niña	T5 tragedy of the commons	T5 Clearcutting

T4 kē lǐ ào lì xiào yìng	T4 duì liú huán liú	T4 quán qiú fēng dài
T4 è ěr ní nuò	T4 yǔ yǐng	T4 liú yù
T5 jiē fá	T5 gōng dì bēi jù	T4 lā ní nà

T5 erosion	T5 Green Revolution	T5 synthetic fertilizers
T5 pesticides	T5 monoculture	T5 soil salinization
T5 eutrophication	T5 Irrigation	T5 aquifers

T5 huà féi	T5 lǚ sè gé mìng	T5 qīn shí
T5 tǔ rǎng yán jiǎn huà	T5 dān yī zāi péi	T5 nóng yào
T5 hán shuǐ céng	T5 guàn gài	T5 fù yíng yǎng huà

T5 pesticide resistance	T5 methane	T5 Overgrazing
T5 desertification	T5 rotational grazing	T5 Overfishing
T5 Mining	T5 acid mine drainage	T5 subsurface mining

T5 guò dù fàng mù	T5 jiǎ wán	T5 kàng yào xìng
T5 guò dù bǔ lǎo	T5 lún mù	T5 huāng mò huà
T5 dì xià kāi cǎi	T5 suān xìng kuàng shān fèi shuǐ	T5 cǎi kuàng

T5 Urbanization	T5 impervious surfaces	T5 urban heat islands
T5 hydrologic cycle	T5 saltwater intrusion	T5 ecological footprint
T5 Sustainability	T5 permeable pavement	T5 green roofs

T5 rè dǎo	T5 bù tòu shuǐ miàn	T5 chéng shì huà
T5 shēng tài zú jì	T5 hǎi shuǐ rù qīn	T5 shuǐ xún huán
T5 lǚ sè wū dǐng	T5 tòu shuǐ lù miàn	T5 kě chí xù xìng

T5 Integrated pest management	T5 crop rotation	T5 contour plowing
T5 terracing	T5 Aquaculture	T5 selective cutting
T5 reforestation	T5 prescribed burn	T5 open-pit mine

T5 děng gāo gēng zuò	T5 lún zuò	T5 zōng hé chóng hài guǎn lǐ
T5 zé fá	T5 shuǐ chǎn yǎng zhí	T5 tī tián
T5 lù tiān kuàng	T5 jì huà shāo chú	T5 chóng xīn zào lín

T5 urban sprawl	T6 renewable resource	T6 nonrenewable resource
T6 fossil fuels	T6 methane	T6 lignite
T6 peat	T6 bituminous	T6 anthracite

T6 bù kě zài shēng zī yuán	T6 kě zài shēng zī yuán	T5 chéng shì kuò zhāng
T6 hè méi	T6 jiǎ wán	T6 huà shí rán liào
T6 wú yān méi	T6 yān méi	T6 ní tàn

T6 hydraulic fracturing	T6 volatile organic compounds	T6 tar sands
T6 bitumen	T6 Nuclear power	T6 fission
T6 waste	T6 Biomass	T6 Ethanol

T6 yóu shā	T6 huī fā xìng yǒu jī huà hé wù	T6 shuǐ lì yā liè
T6 liè biàn	T6 hé néng	T6 lì qīng
T6 yǐ chún	T6 shēng wù zhì	T6 hé fèi liào

T6 energy return on energy investment (EROEI)	T6 Solar	T6 photovoltaic
T6 Hydroelectric	T6 reservoir	T6 Geothermal
T6 Steam	T6 hydrogen fuel cell	T6 Wind

T6 guāng fú	T6 tài yáng néng	T6 néng liàng tóu zī huí bào lǚ
T6 dì rè néng	T6 shuǐ kù	T6 shuǐ diàn
T6 fēng néng	T6 qīng rán liào diàn chí	T6 zhēng qì

T6 Energy conservation	T6 cogeneration	T6 power station
T6 nuclear power station	T6 dam	T6 wind turbines
T7 Air pollution	T7 Primary pollutants	T7 secondary pollutants

T6 fā diàn zhàn	T6 rè diàn lián chǎn	T6 jié néng
T6 fēng lì wō lún jī	T6 dà bà	T6 hé diàn zhàn
T7 èr cì wū rǎn wù	T7 yī cì wū rǎn wù	T7 kōng qì wū rǎn

T7 Photochemical smog	T7 ozone	T7 thermal inversion
T7 Particulate matter	T7 radon	T7 asbestos
T7 catalytic converters	T7 scrubbers	T7 electrostatic precipitators

T7 nì wēn	T7 chòu yǎng	T7 guāng huà xué yān wù
T7 shí mián	T7 dōng	T7 kē lì wù
T7 jìng diàn chú chén qì	T7 xǐ dí qì	T7 cūi huà zhuǎn huà qì

T7 Acid rain	T7 noise pollution	T7 hearing loss
T7 stress	T7 wildlife	T8 point source
T8 nonpoint source	T8 Endocrine disruptors	T8 Wetlands

T7 tīng lì sǔn shī	T7 zào shēng wū rǎn	T7 suān yǔ
T8 diǎn yuán	T7 yě shēng dòng wù	T7 yā lì
T8 shī dì	T8 nèi fēn mì gān rǎo wù	T8 fēi diǎn yuán

T8 mangroves	T8 Eutrophication	T8 algal blooms
T8 hypoxic	T8 Thermal pollution	T8 Persistent organic pollutants
T8 Bioaccumulation	T8 Biomagnification	T8 sanitary landfills

T8 zǎo huá	T8 fù yíng yǎng huà	T8 hóng shù lín
T8 chí jiǔ xìng yǒu jī wū rǎn wù	T8 rè wū rǎn	T8 quē yǎng
T8 wèi shēng tián mái chǎng	T8 shēng wù fàng dà	T8 shēng wù lěi jī

T8 incinerators	T8 e-waste	T8 garbage patches
T8 reduce, reuse, recycle	T8 composting	T8 Sewage treatment
T8 LD50	T8 dose-response curve	T8 threshold

T8 lā jī dài	T8 diàn zǐ lā jī	T8 fén shāo lú
T8 wū shuǐ chǔ lǐ	T8 duī féi	T8 jiǎn liàng 、 zài lì yòng 、 huí shōu
T8 yù zhí	T8 jì liàng fǎn yìng qū xiàn	T8 bàn shù zhì sǐ liàng

T8 Pathogens	T8 Cholera	T8 Dysentery
T8 Plague	T8 Tuberculosis (TB)	T8 Malaria
T8 mosquito	T8 West Nile / Zika	T8 vectors

T8 lǐ jí	T8 huò luàn	T8 bìng yuán tǐ
T8 nüè jí	T8 jié hé bìng	T8 shǔ yì
T8 chuán bō méi jiè	T8 / xī ní luó / zhài kǎ	T8 wén zì

T9 ozone layer	T9 ultraviolet	T9 CFCs
T9 Montreal Protocol	T9 greenhouse effect	T9 greenhouse gases
T9 methane	T9 global warming potential (GWP)	T9 Global climate change

T9 lǚ fú tīng	T9 zǐ wài xiàn	T9 chòu yǎng céng
T9 wēn shì qì tǐ	T9 wēn shì xiào yìng	T9 méng tè lì ěr yì dīng shū
T9 qì hòu biàn huà	T9 quán qiú biàn nuǎn qián néng zhí	T9 jiǎ wán

T9 sea levels	T9 coral bleaching	T9 ocean acidification
T9 calcium carbonate	T9 invasive species	T9 endangered species
T9 habitat fragmentation	T9 The ozone hole	T9 A glacier

T9 hǎi yáng suān huà	T9 shān hú bái huà	T9 hǎi píng miàn
T9 bīn wēi wù zhǒng	T9 rù qīn wù zhǒng	T9 tàn suān gài
T9 bīng chuān	T9 chòu yǎng dòng	T9 qī xī dì pò suì huà