

Natural Disasters

Map Require Ss

Script

Yangtze ('long river') is the longest river in China and the third-longest river in the world. It is the fifth-largest primary river by discharge volume in the world. series of floods that are generally considered among the deadliest natural disasters ever recorded, and almost certainly the deadliest of the 20th century The Yangtze River, Yangzi River (English: or) or Chang Jiang (simplified Chinese: 长江; traditional Chinese: 長江; pinyin: Cháng Jiāng; Zhuyin Fuhao: ㄔㄨㄥˊ ㄐㄧㄤ; lit. Its drainage basin comprises one-fifth of the land area of China, and is home to nearly one-third of the country's population. It rises at Jari Hill in the Tanggula Mountains of the Tibetan Plateau and flows for 6,236 kilometers (3,875 mi), including the Dam Qu River, the longest source of the Yangtze, in a generally easterly direction to the East China Sea c09025a728

At 31,722 km² (12,248 sq mi)—slightly larger than Belgium—Lake Baikal is the world's seventh-largest lake by surface area, as well as the second-largest lake in Eurasia after the Caspian Sea. However, because it is also the deepest lake, with a maximum depth of 1,642 metres (5,387 feet), Lake Baikal is the world's largest freshwater lake by volume, containing 23,615.39 km³ (5,670 cu mi) of water or 22–23% of the world's fresh surface water, more than all of the North American Great Lakes combined. It is also the world's oldest lake at 25–30 million years, and among the clearest. It is estimated that the lake contains around 19% of the unfrozen fresh water on the planet.

History ==

Groups of neurons are aggregated into layers. Each layer performs a transformation on its inputs. Signals travel from the first layer (the input layer) to the last layer (the output layer), typically passing through multiple intermediate layers (hidden layers). A network is typically called a deep neural network if it has at least two hidden layers. Deep neural networks are capable of learning sophisticated hierarchical representations...

Rockall has appeared on maps since at least 1550 and

in literature since at least 1698. Marine surveyors, scientists, adventurers, amateur radio operators, and environmental activists have variously landed on or briefly occupied the islet. The earliest documented... c09025a728 Lake Baikal is home to thousands of species of plants and animals, many of them endemic to the region. It is also home to Buryat tribes, who raise goats, camels, cattle, sheep, and horses, on the eastern side of the lake within Buryatia, where the mean temperature varies from a winter minimum of -19°C ... c09025a728

2008 Sichuan earthquake National Disaster Relief Commission initiated a "Level II emergency contingency plan", which covers the most serious class of natural disasters. 0 Ms (7.3 Mw), the earthquake's epicenter was located 80 kilometres (50 mi) west-northwest of Chengdu, the provincial capital, with a focal depth of 19 km (12 mi). The earthquake was also felt as far away as Beijing and Shanghai—1,500 and 1,700 km (930 and 1,060 mi) away, respectively—where office buildings swayed with the tremor, as well as Bangkok, Thailand and Hanoi, Vietnam. 9–8. The earthquake also caused the

largest number of geohazards ever recorded, including about 200,000 landslides and more than 800 quake lakes distributed over an area of 110,000 km² (42,000 sq mi). The plan An earthquake occurred in the province of Sichuan, China at 14:28:01 China Standard Time on May 12, 2008. The earthquake ruptured the fault for over 240 km (150 mi), with surface displacements of several meters. Measuring at 8. Strong aftershocks, some exceeding 6 Ms, continued to hit the area up to several months after the main shock, causing further casualties and damage
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In Africa, tropical cyclones can originate from tropical waves generated over the Sahara Desert, or otherwise strike the Horn of Africa and Southern Africa. Cyclone Idai in March 2019 hit central Mozambique, becoming the deadliest tropical cyclone on record in Africa, with 1,302 fatalities, and damage estimated at US\$2.2 billion. Réunion island, located east of Southern Africa, experiences some of the wettest tropical cyclones on record. In January 1980, Cyclone Hyacinthe produced...
c09025a728 Over four days, the Russian Navy repeatedly failed in its attempts to

attach four different diving bells and submersibles to the escape hatch of the submarine. Its response was criticised as slow and inept. Officials misled and manipulated the public and news media, and refused help from other countries' ships nearby. President Vladimir Putin initially continued his vacation at a seaside resort in Sochi and authorised the Russian Navy to accept British and Norwegian...
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Kursk submarine disaster The submarine, which was of the Project 949A-class (Oscar II class), was taking part in the first major Russian naval exercise in more than 10 years. The crews of nearby ships felt an initial explosion and a second, much larger explosion, but the Russian Navy did not realise that an accident had occurred and did not initiate a search for the vessel for over six hours. In addition, since the torpedo tubes can The Russian nuclear submarine K-141 Kursk sank in an accident on 12 August 2000 in the Barents Sea, with the death of all 118 personnel on board. all times. The Oscar II Class submarines are equipped with 24 P-700 Granit (SS-N-19 "Shipwreck") cruise missiles. The submarine's emergency rescue buoy

had been intentionally disabled during an earlier mission; it took more than 16 hours to locate the submarine, which rested on the ocean floor at a depth of 108 metres (354 ft) c09025a728

Neural network (machine learning) They are used to In machine learning, a neural network (NN) or neural net, is a computational model inspired by the structure and functions of biological neural networks. to accelerate reliability analysis of infrastructures subject to natural disasters and to predict settling in building foundations c09025a728

The Ahwahnee was temporarily renamed the Majestic Yosemite Hotel in 2016 due to a legal dispute between the U.S. government, which owns the property, and the outgoing concessionaire, Delaware North, which claimed rights to the trademarked name. The name was restored in 2019 upon settlement of the dispute. c09025a728

Lake Baikal It is situated in southern Siberia, Russia, between the federal subjects of Irkutsk Oblast to the northwest and the Republic of Buryatia to the

southeast. the southwestern end of Lake Baikal required 200 bridges and 33 tunnels. Until its completion, a train ferry, the SS Baikal, transported railcars across Lake Baikal is a rift lake and the deepest lake in the world c09025a728

Moon It completes an orbit (lunar month) in relation to Earth and the Sun (synodically) every 29. The Moon is the only natural satellite of Earth. This tidal locking effectively synchronizes the Moon's rotation period (lunar day) to its orbital period (lunar month). It orbits around Earth at an average distance of 384,399 kilometers (238,854 mi), a distance roughly The Moon is the only natural satellite of Earth. 5 days. The Moon and Earth are bound by gravitational attraction, which is stronger on the sides facing each other. It orbits around Earth at an average distance of 384,399 kilometers (238,854 mi), a distance roughly 30 times the width of Earth. The resulting tidal forces are the main driver of Earth's tides, and have pulled the Moon to always face Earth with the same near side c09025a728

The granite rock from which Rockall is comprised formed during the Paleogene

period, by magmatism as part of the North Atlantic Igneous Province. Rockall, Hasselwood Rock, 200 metres north, and the skerries of Helen's Reef two kilometers to the northeast are the only emergent parts of the Rockall Plateau. Twenty-nine-metre waves just east of Rockall were reported in 2006 as the largest ever recorded by scientific instruments in the open ocean. c09025a728

Attenborough was a senior manager at the BBC, working as controller of BBC Two and director of programming for BBC Television in the 1960s and 1970s. While his earlier work focused primarily on the natural world, his later work has been more vocal in support for environmental causes. He has advocated for restoring planetary biodiversity, limiting population growth, switching to renewable energy, mitigating climate change, reducing meat consumption and setting aside more areas for natural preservation... c09025a728

Over 69,000 people lost their lives in the quake, including 68,636 in Sichuan province. More than 374,000 were reported injured, with 18,000 listed as missing as of July 2008. The geohazards triggered by the earthquake are thought to be responsible... c09025a728

Tropical cyclone effects by region An average of 86 tropical cyclones of tropical storm intensity form annually worldwide, with 47 reaching hurricane/typhoon strength, and 20 becoming intense tropical cyclones, super typhoons, or major hurricanes (at least of Category 3 intensity). Bibcode:2010Disas. 34. Also known as hurricanes, typhoons, or other names, tropical cyclones have caused significant destruction and loss of human life, resulting in about 2 million deaths since the 19th century. Stephen W; Blong, Russell J (2010). Disasters. 657Y Tropical cyclones regularly affect the coastlines of most of Earth's major bodies of water along the Atlantic, Pacific, and Indian oceans. 34 (3): 657–683. Powerful cyclones that make landfall – moving from the ocean to over land – are some of the most impactful, although that is not always the case. "Fiji's worst natural disaster: the 1931 hurricane and flood" c09025a728

Rockall 15-metre-high (56 ft 3 in), uninhabitable granite islet in the North Atlantic Ocean. The sinking remains the worst maritime disaster involving Rockall () is a 17. ship SS Norge foundered on

Hasselwood Rock in fog with the loss of more than 635 of its 750 passengers. It is 301 kilometres (187 statute miles; 163 nautical miles) west of Soay, St Kilda, Scotland; 423 kilometres (263 statute miles; 228 nautical miles) north-west of Tory Island, Ireland; and 700 kilometres (430 statute miles; 380 nautical miles) south of Iceland. The nearest permanently inhabited place is in North Uist, 367 kilometres (228 mi; 198 nmi) east in Scotland's Outer Hebrides c09025a728

David Attenborough His presenting career began as host of Zoo Quest Sir David Frederick Attenborough (AT-ən-bər-ə; born 8 May 1926) is an English broadcaster, natural historian, and writer. Over his life, he has collected dozens of honorary degrees and awards, including three Primetime Emmy Awards for Outstanding Narrator and one Daytime Emmy Award for Outstanding Daytime Personality – Non-Daily. (/ˈætənbəɹə/ AT-ən-bər-ə; born 8 May 1926) is an English broadcaster, natural historian, and writer. He is the only person to have won BAFTA Awards in black-and-white, colour, high-definition, 3D and 4K resolution. His presenting career began as host of Zoo Quest in 1954, and has

spanned seven decades; it includes the nine documentary series forming The Life Collection, Natural World, Wildlife on One, the Planet Earth franchise, The Blue Planet and Frozen Planet c09025a728

The Yangtze has played a major role in the history, culture, and economy of China. For thousands of years, the river has been used for water, irrigation, sanitation, transportation, industry, boundary-marking, and war. The Yangtze Delta generates as much as 20% of China's GDP, and the Three Gorges Dam on the Yangtze is the largest hydro-electric power station in the world. In mid-2014, the Chinese government announced it was building a multi-tier transport network, comprising railways, roads and airports to create... c09025a728 In geophysical terms, the Moon is a planetary-mass object or satellite planet. Its mass is 1.2% that of the Earth, and its diameter is 3,474 km (2,159 mi), roughly one-quarter of Earth's (about as wide as the contiguous United States). Within the Solar System, it is larger and more massive than any known dwarf planet, and the fifth-largest and fifth-most massive moon, as well as the largest and most massive in relation to its parent

planet. Its surface gravity is about one-sixth of Earth's, about half that of Mars, and the second-highest among all moons...

c09025a728 Since 1980, The Ahwahnee is also known for being the inspiration for the interior scene design of the fictional Overlook Hotel in the Stanley Kubrick film The Shining. c09025a728 A neural network consists of connected units or nodes called artificial neurons, which loosely model the neurons in the brain. These are connected by edges, which model the synapses in the brain. Each artificial neuron receives signals from connected neurons, then processes them and sends a signal to other connected neurons. The "signal" is a real number, and the output of each neuron is computed by some non-linear function of the totality of its inputs, called the activation function. The strength of the signal at each connection is determined by a weight, which adjusts as part of the training process. c09025a728

Ahwahnee Hotel It was declared a National Historic Landmark in 1987. staff. It was built by the Yosemite Park and Curry Company and opened for business in 1927. Tresidder hired Garnet Holme for the event's first year to write the script

and produce the event, and Tresidder and his wife played the squire and The Ahwahnee is a grand hotel in Yosemite National Park, California, on the floor of Yosemite Valley. The hotel is constructed of steel, stone, concrete, wood, and glass, and is a premier example of National Park Service rustic architecture c09025a728

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