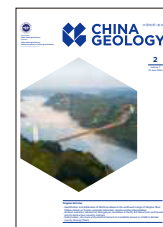




# China Geology

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## News and Highlights

### List of 85 typical catastrophic landslides from March 2004 to February 2024

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Landslides are one of the most dangerous natural hazards that cause significant property damage and loss of life. Landslides often destroy farmland, villages, houses, factories, schools, roads and other facilities, injuring humans and livestock. Sometimes, entire towns are devastated by landslides. Due to their pervasiveness, varied triggering factors, and sudden occurrence, landslides are currently one of the most challenging natural disasters to prevent and mitigate. The table below provides a preliminary summary of global fatal landslide occurrences from March 2004 to February

2024. By providing this data, the authors hope to increase society's awareness of landslide hazards and to promote research in landslide prediction and mitigation for the benefit of humanity.

Date source: The dataset presented in this table originates from the NASA Cooperative Open Online Landslide Repository (COOLR) project (<https://gpm.nasa.gov/landslides/data.html>), list of landslides from wikipedia ([https://en.wikipedia.org/wiki/List\\_of\\_landslides](https://en.wikipedia.org/wiki/List_of_landslides)), journal papers, and media outlets including Xinhuanet, CNN, and BBC.

No.	Date	Event	Country	Location	Fatalities
1	2004/3/26	Mount Bawakaraeng landslide	Indonesia	Mount Bawakaraeng, South Sulawesi, Indonesia	32
2	2004/12/3	2004 Nayong landslide	China	Zongling Town, Nayong County, Guizhou, China	44
3	2005/1/10	La Conchita landslide	United States	La Conchita, California, United States	10
4	2005/5/9	Jixian landslide	China	Ji County, Linfen, Shanxi, China	24
5	2005/10/8	Hattian landslide	Pakistan	Hattian Bala Town, state of Azad Jammu Kashmir, Pakistan	≈1000
6	2006/2/17	Southern Leyte mudslide	Philippines	Southern Leyte, Philippines	1126
7	2006/5/18	Banlingcun landslide	China	Yunxiao County, Zhangzhou, Fujian, China	8
8	2007/6/11	Chittagong mudslides	Bangladesh	Chittagong, Bangladesh	123
9	2008/5/12	Niumiangou landslide	China	Yingxiu Town, Wenchuan County, Sichuan, China	50
10	2008/5/12	Wenjia Gully landslide	China	Qingping Town, Mianzhu, Sichuan, China	48
11	2008/5/12	Daguangbao landslide	China	Gaochuan Town, An County, Sichuan, China	38
12	2008/5/12	Donghekou landslide	China	Guanzhuang Town, Qingchuan County, Sichuan, China	780
13	2008/5/12	Xiejadianzi landslide	China	Longmenshan Town, Pengzhou, Sichuan, China	≈100
14	2008/5/12	Beichuan Chengxi landslide	China	Qushan Town, Beichuan County, Sichuan, China	≈1600
15	2008/9/6	Duweika landslide	Egypt	Manshiyat Nasser district, Cairo, Egypt	119
16	2008/12/6	Bukit Antarabangsa landslide	Malaysia	Bukit Antarabangsa Town, Selangor, Malaysia	4
17	2009/6/5	Jiweishan landslide	China	Wulong County, Chongqing, China	74
18	2009/8/9	Xiaolin landslide	China	Xiaolin Village, Kaoping, Taiwan, China	491
19	2009/11/16	Zhongyang landslide	China	Zhangzishan Village, Zhongyang County, Shanxi, China	12
20	2010/1/4	Hunza Valley landslide	Pakistan	Attabad, Gilgit-Baltistan, Pakistan	20
21	2010/2/20	Madeira floods and mudslides	Portugal	Madeira Island, Portugal	42
22	2010/3/1	2010 Ugandan landslide	Uganda	Bududa, Uganda	100
23	2010/5/10	Saint-Jude landslide	Canada	Saint-Jude, Quebec, Canada	4
24	2010/6/28	Guanling Landslide	China	Guanling County, China	99

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Table 1 (Continued)

No.	Date	Event	Country	Location	Fatalities
25	2010/9/1	Baoshan landslide	China	Wama Town, Baoshan, Yunnan, China	24
26	2011/9/17	Baqiao landslide	China	Xi'an, Shaanxi, China	32
27	2012/6/25	2012 Uganda landslide	Uganda	Bumwalukani Sub County, Bududa District, Uganda	18
28	2013/1/11	2013 Zhenxiong landslide	China	Gaopo Village, Zhengxiong Town, Zhaotong, Yunnan, China	42
29	2013/6/16	Kedarnath landslide and flood	India	Kedarnath, Uttarakhand, India	≈5700
30	2013/7/10	Dujiangyan landslide	China	Sanxi Village, Zhongxing Town, Dujiangyan, Sichuan, China	44
31	2014/3/22	Oso mudslide	United States	Oso, Washington, United States	43
32	2014/5/2	2014 Badaakhshan mudslides	Afghanistan	Argo District, Badakhshan, Afghanistan	≈2100
33	2014/5/25	West Salt Creek landslide	United States	Mesa County, Colorado, United States	3
34	2014/7/30	Malin landslide	India	Ambegaon taluka, Pune district, Maharashtra, India	136
35	2014/8/2	Jure landslide	Nepal	Jure Village, Sindhupalchok District, Kathmandu, Nepal	156
36	2014/8/20	Hiroshima landslides	Japan	Hiroshima, Japan	74
37	2014/10/29	Badulla landslide	Sri Lanka	Badulla, Sri Lanka	16
38	2014/12/13	Indonesia landslide	Indonesia	Jemblung, Java, Indonesia	93
39	2015/4/23	2015 Badakhshan landslides	Afghanistan	Badakhshan, Afghanistan	52
40	2015/4/28	Bahia landslide	Brazil	Salvador, Bahia, Brazil	14
41	2015/5/18	Colombian landslide	Colombia	Salgar, Antioquia, Colombia	78
42	2015/8/12	Shanyang landslide	China	Shanyang County, Shanxi, China	12
43	2015/10/1	2015 Guatemala landslide	Guatemala	El Cambray Dos, Santa Catarina Pinula, Guatemala	≈280
44	2015/11/13	Lidong landslide	China	Lidong Village, Zhejiang, China	38
45	2015/11/21	2015 Hpakant jade mine landslide	Myanmar	Hpakant, Myanmar	113
46	2015/12/20	2015 Shenzhen landslide	China	Shenzhen, China	73
47	2016/7/1	Zuta Village landslide	China	Zuta Village, Hunan, China	9
48	2016/9/28	Suichang landslide	China	Suichang County, Lishui, Zhejiang, China	25
49	2017/4/2	Mocoa landslide	Colombia	Mocoa, Colombia	329
50	2017/6/12	2017 Bangladesh landslides	Bangladesh	Rangamati, Chittagong and Bandarban, Bangladesh	152
51	2017/6/17	2017 Karrat Isfjord landslide	Greenland	Nuugaatsiaq, Greenland	4
52	2017/6/24	Xinmo landslide	China	Xinmo Village, Sichuan, China	83
53	2017/8/14	2017 Sierra Leone mudslides	Sierra Leone	Freetown, Sierra Leone	1141
54	2017/8/28	2017 Nayong landslide	China	Zhangjiawan Town, Nayong County, Guizhou, China	26
55	2018/1/9	2018 South California landslides	United States	California, United States	20
56	2018/2/22	Pasirpanjang landslide	Indonesia	Brebes Village, Central Java, Indonesia	18
57	2018/9/15	Itoyon landslide	Philippines	Itoyon, Benguet, Philippines	35
58	2018/9/20	Naga landslide	Philippines	Naga, Cebu, Philippines	78
59	2018/12/22	Sunda Strait landslide and tsunami	Indonesia	Anak Krakatau, Indonesia	426
60	2018/12/31	Sukabumi landslide	Indonesia	Cimapag Village, Sukabumi, West Java, Indonesia	35
61	2019/1/27	Abancay landslide	Peru	Abancay, Peru	15
62	2019/7/23	Shuicheng landslide	China	Shuicheng County, Guizhou, China	43
63	2019/8/9	Mottama landslide	Myanmar	Mottama, Paung Township, Myanmar	70
64	2019/11/30	West Pokot landslide	Uganda	West Pokot County, Uganda	52
65	2019/12/4	2019 Burundi landslides	Burundi	Nyempundu, Gikomero and Rukombe, Cibitoke, Burundi	41
66	2020/3/15	Xiangning landslide	China	Xiangning County, Lingfen, Shanxi, China	20
67	2020/7/2	Wai Khar jade mining landslide	Myanmar	Wai Khar jade mining, Hpakant, Myanmar	175
68	2020/8/7	2020 Pettimudi landslide	India	Pettimudi, Rajamalai, Munnar, Idukki Kerala, India	66
69	2020/12/2	Beach road landslide	United States	Haines, Alaska, United States	2
70	2020/12/30	2020 Gjerdrum landslide	Norway	Gjerdrum, Norway	10
71	2021/2/7	Chamoli landslide hazard chain	India	Nanda Devi National Park, Uttarakhand state, India	177
72	2021/7/3	2021 Atami landslide	Japan	Atami, Shizuoka Prefecture, Japan	27
73	2021/7/18	2021 Mumbai landslides	India	Chembur and Vikhroli, Mumbai, India	32
74	2021/9/10	Cerro del Chiquihuite landslide	Mexico	Lázaro Cárdenas, Tlalnepantla, Mexico	4
75	2022/6/30	Makhuam landslide	India	Noney district, Manipur, India	61
76	2022/10/28	Sitio Tinabon landslide	Philippines	Sitio Tinabon, Maguindanao del Norte, Philippines	24
77	2022/11/26	Ischia landslide	Italy	Ischia, Italy	12
78	2022/12/16	2022 Batang Kali landslide	Malaysia	Batang Kali, Selangor, Malaysia	31
79	2023/2/22	Alxa Left Banner mine collapse	China	Alxa Left Banner, Inner Mongolia, China	53
80	2023/7/9	Yueshan landslide	China	Yueshan village, Yichang, Hubei, China	4
81	2023/8/3	Shovi landslide	Georgia	Shovi, Oni Municipality, Georgia	32
82	2023/10/8	2023 Cameroon landslide	Cameroon	Yaounde, Cameroon	30
83	2023/11/20	2023 Wrangell landslide	Alaska	Wrangell, Alaska	6
84	2024/1/22	2024 Zhenxiong landslide	China	Liangshui Village, Zhengxiong Town, Yunnan, China	44
85	2024/2/6	Maco landslide	Philippines	Maco, Davao de Oro, Philippines	92