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| **一级类名称（中/英文）** | **一级类编码** | **二级类名称** | **二级类名称** | **二级类编码** |
| **（中文）** | **（英文）** |
| 大气/Atmosphere | 10 | 温度 | Temperature | 1 |
| 高度 | Altitude | 2 |
| 降水 | Precipitation | 3 |
| 湿度/干燥度 | Humidity/Dryness | 4 |
| 蒸发 | Evaporation | 5 |
| 日照 | Sunshine | 6 |
| 气压 | Atmospheric Pressure | 7 |
| 风 | Wind | 8 |
| 辐射 | Radiation | 9 |
| 能见度 | Visibility | 10 |
| 云 | Cloud | 11 |
| 大气电学 | Atmospheric Electricity | 12 |
| 大气水汽 | Atmospheric Water Vapor | 13 |
| 大气微量气体 | Atmospheric Trace Gases | 14 |
| 温室气体 | Greenhouse Gases | 15 |
| 气溶胶 | Aerosol | 16 |
| 反应性气体 | Reactive Gases | 17 |
| 大气放射性物质 | Atmospheric Radioactive Substance | 18 |
| 大气臭氧 | Atmospheric Ozone | 19 |
| 干湿沉降 | Dry and Wet Deposition | 20 |
| 大气质量 | Atmospheric Quality | 21 |
| 气象灾害 | Meteorological Disaster | 22 |
| 卫星气象 | Satellite Weather | 23 |
| 雷达气象 | Radar Weather | 24 |
| 其他 | Others | 999 |
| 陆地表层/Terrestrial | 20 | 土地利用/覆盖 | Land Use /Land Cover | 1 |
| 地形 | Topography | 2 |
| 地貌 | Geomorphology | 3 |
| 土壤 | Soil | 4 |
| 沙漠/荒漠 | Desert | 5 |
| 湿地 | Wetland | 6 |
| 森林 | Forest | 7 |
| 草地 | Grassland | 8 |
| 农田 | Farmland | 9 |
| 植被 | Vegetation | 10 |
| 地表参数 | Land Surface Parameter | 11 |
| 地表过程 | Earth Surface Processes | 12 |
| 流域水系 | Drainage Basin and River System | 13 |
| 水文 | Hydrology | 14 |
| 地表水 | Surface Water | 15 |
| 地下水 | Groundwater | 16 |
| 水环境 | Water Environment | 17 |
| 水质/水化学 | Water Quality/Water Chemistry | 18 |
| 其他 | Others | 999 |
| 人文/Human | 30 | 气候资源 | Climatic Resources | 1 |
| 生物资源 | Biological Resources | 2 |
| 水资源 | Water Resources | 3 |
| 海洋资源 | Ocean Resource | 4 |
| 土地资源 | Land Resources | 5 |
| 农业资源 | Agricultural Resources | 6 |
| 矿产资源 | Mineral Resources | 7 |
| 天然药物资源 | Natural Medicine Resources | 8 |
| 旅游资源 | Tourism Resources | 9 |
| 能源资源 | Energy Resources | 10 |
| 可再生资源 | Renewable Resources | 11 |
| 环境污染与治理 | [Environment Pollution and Control](http://dict.cn/environment%20pollution) | 12 |
| 生态退化及保护 | Ecological Degradation and Protection | 13 |
| 自然灾害 | Natural Disaster | 14 |
| 人口 | Population | 15 |
| 移动大数据 | Mobile big Data | 16 |
| 工业 | Industry | 17 |
| 农业 | Agriculture | 18 |
| 劳动力 | Labor Force | 19 |
| 基础设施 | Infrastructure | 20 |
| 社会经济 | Social and Economic | 21 |
| 境界 | Boundary | 22 |
| 区划 | Division | 23 |
| 交通 | Traffic | 24 |
| 居民地 | Settlement | 25 |
| 其他 | Other | 999 |
| 生物/Biology | 40 | 哺乳类动物 | Mammals | 1 |
| 鸟类 | Birds | 2 |
| 鱼类 | Fish | 3 |
| 昆虫 | Insect | 4 |
| 爬行类动物 | Reptile | 5 |
| 两栖类动物 | Amphibian | 6 |
| 无脊椎动物 | Invertebrate | 7 |
| 种子植物 | Seed plant | 8 |
| 藻类植物 | Algae | 9 |
| 苔藓植物 | Bryophytes | 10 |
| 蕨类植物 | Fern | 11 |
| 病毒 | Virus | 12 |
| 细菌 | Bacteria | 13 |
| 真菌 | Fungus | 14 |
| 其他 | Others | 999 |
| 海洋/Ocean | 50 | 海洋气象 | Marine Meteorology | 1 |
| 海洋生物 | Marine Biology | 2 |
| 海洋生态 | Marine Ecology | 3 |
| 海洋化学 | Marine Chemistry | 4 |
| 海洋污染 | Marine Pollution | 5 |
| 海洋声、光 | Marine Acoustic and Optical | 6 |
| 物理海洋 | Physical Oceanography | 7 |
| 海洋底质 | Marine Sediment | 8 |
| 海底地形地貌 | Submarine Topography and Geomorphology | 9 |
| 海洋地球物理 | Marine Geophysics | 10 |
| 海岛海岸带 | Island and Coastal Zone | 11 |
| 海洋遥感 | Marine Remote Sensing | 12 |
| 海洋灾害 | Marine Disaster | 13 |
| 其他 | Others | 999 |
| 冰冻圈/ Cryosphere | 60 | 冰川（含冰盖） | Glacier(Ice Sheet) | 1 |
| 冻土 | Frozen Ground | 2 |
| 表面冻融 | Surface Freeze-thaw Cycle/State | 3 |
| 积雪 | Snow Cover | 4 |
| 河冰 | River Ice | 5 |
| 湖冰 | Lake Ice | 6 |
| 海冰 | Sea Ice | 7 |
| 冰架 | Ice Shelf | 8 |
| 冰山 | [Iceberg](http://dict.cn/iceberg) | 9 |
| 冰晶 | Ice Crystal | 10 |
| 过冷水云 | Supercooled Cloud Water | 11 |
| 降雪 | Snowfall | 12 |
| 冰雹 | Hail | 13 |
| 霰 | Sleet | 14 |
| 其他 | Others | 999 |
| 固体地球/Solid Earth | 70 | 岩石/矿物 | Rocks/Minerals | 1 |
| 地层 | Formation | 2 |
| 古生物 | Paleontology | 3 |
| 古环境 | Paleoenvironment | 4 |
| 大地构造 | Tectonics | 5 |
| 第四系地质与地貌 | Quaternary Geology and Geomorphology | 6 |
| 工程地质 | Engineering Geology | 7 |
| 环境地质 | Environmental Geology | 8 |
| 地质灾害 | Geologic Hazard | 9 |
| 重力 | Gravity | 10 |
| 地磁 | Geomagnetism | 11 |
| 地电 | Earth Resistivity | 12 |
| 地热 | Geoheat | 13 |
| 地震 | Seismology | 14 |
| 地球化学 | Geochemistry | 15 |
| 沉积记录 | Sedimentary Record | 16 |
| 其他 | Others | 999 |
| 日地空间物理与天文/ Solar-Terrestrial Physics and Astronomy | 80 | 河外星系与宇宙 | Extragalactic System and Cosmos | 1 |
| 银河系 | Galactic System | 2 |
| 太阳 | Sun | 3 |
| 行星际空间 | Interplanetary Space | 4 |
| 行星 | Planet | 5 |
| 电离层 | Ionosphere | 6 |
| 中高层大气 | Middle and Upper Atmosphere | 7 |
| 地球磁场 | Geomagnetic Field | 8 |
| 地面宇宙线 | Surface Cosmic Ray | 9 |
| 空间天气事件 | Space Weather Events | 10 |
| 空间环境效应 | Space Environmental Effect | 11 |
| 其他 | Others | 999 |
| 对地观测/Earth Observation | 90 | 卫星遥感 | Satellite remote sensing | 1 |
| 航空遥感 | Aerial remote sensing | 2 |
| 地面观测 | Ground observation | 3 |
| 其他 | Others | 999 |
| 其他 | 99 | 其他数据 | Others | 999 |