



附录1 雅鲁藏布江流域消落区现场勘测照片

Appendix 1 On-site survey photos of the water level fluctuation zone in the Yarlung Zangbo River Basin

附录2 数据来源

Appendix 2 Data source

变量 Variables	来源 Source	时间 Time	GEE数据集 Datasets	波段 Band	数量/幅 Number/scene
归一化植被指数 NDVI	Landsat 5、7、8	1990–2022	LANDSAT/LT05/C01/T1_SR LANDSAT/LE07/C01/T1_SR LANDSAT/LC08/C01/T1_SR	NIR、RED	12,625
气温 Temperature	ERA5- Land Monthly Aggregated	1990–2021	ECMWF/ERA5_LAND/MONTHLY_AGG R	temperature_2m	384
降水 Precipitation	ERA5- Land Monthly Aggregated	1990–2021	ECMWF/ERA5_LAND/MONTHLY_AGG R	total_precipitation_sum	384
雪水当量 Snow water equivalent	ERA5- Land Monthly Aggregated	1990–2021	ECMWF/ERA5_LAND/MONTHLY_AGG R	snow_depth_water EQUI valent	384
水位波动频率 Frequency of water level fluctuation	JRC Monthly Water History	1990–2021	JRC/GSW1_4/MonthlyHistory	Water	384

附录3 雅鲁藏布江流域不同海拔消落区和1-5 km缓冲区NDVI平均值统计表

Appendix 3 Mean NDVI at different altitudes in the water level fluctuation zone and 1–5 km buffer zones of the Yarlung Zangbo River Basin

海拔 Altitude (m)	消落区 Water level fluctuation zone	缓冲区1 km Buffer 1 km	缓冲区2 km Buffer 2 km	缓冲区3 km Buffer_3 km	缓冲区4 km Buffer_4 km	缓冲区5 km Buffer_5 km
0–1,500	0.47	0.65	0.66	0.67	0.67	0.67
1,500–3,000	0.32	0.45	0.50	0.52	0.54	0.56
3,000–4,500	0.11	0.21	0.24	0.25	0.26	0.26
4,500–6,000	0.06	0.13	0.14	0.14	0.14	0.14
6,000–7,500	–	0.01	0.02	0.02	0.02	0.02