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附录 3 WorldClim 的环境变量

Appendix 3 Environment variable from WorldClim

数据类型 Data type	生态因子 Ecological factor
气候变量 Climate variables	年平均气温 Annual mean temperature (Bio 1) 昼夜温差月均值 Mean diurnal range (Mean of monthly (max temp–min temp)) (Bio 2) 昼夜温差与年温差比值 Isothermality (BIO2/BIO7) ($\times 100$) (Bio 3) 温度变化方差 Temperature seasonality (standard deviation $\times 100$) (Bio 4) 最热月份最高温 Max temperature of warmest month (Bio 5) 最冷月份最高温 Min temperature of coldest month (Bio 6) 年温度变化范围 Temperature annual range (BIO5–BIO6) (Bio 7) 最湿季均温 Mean temperature of wettest quarter (Bio 8) 最干季均温 Mean temperature of driest quarter (Bio 9) 最热季均温 Mean temperature of warmest quarter (Bio 10) 最冷季均温 Mean temperature of coldest quarter (Bio 11) 年均降水量 Annual precipitation (Bio 12) 最湿月降水量 Precipitation of wettest month (Bio 13) 最干月降水量 Precipitation of driest month (Bio 14) 湿度变化方差 Precipitation seasonality (coefficient of variation) (Bio 15) 最湿季降水量 Precipitation of wettest quarter (Bio 16) 最干季降水量 Precipitation of driest quarter (Bio 17) 最热季平均降水量 Precipitation of warmest quarter (Bio 18) 最冷季平均降水量 Precipitation of coldest quarter (Bio 19)
地形变量 Topographic variables	海拔 Elevation 坡度 Slope 坡向 Aspect