









**Figure S1.** Impact factors used in this study: (a) Elevation, (b) Slope, (c) Aspect, (d) Profile Curvature, (e) Plane Curvature, (f) Roughness, (g) Lithology, (h) Distance to Faults, (i) Land Use, (j) NDVI, (k) TWI, (l) Distance to Rivers, (m) Distance to Roads, (n) Annual precipitation.