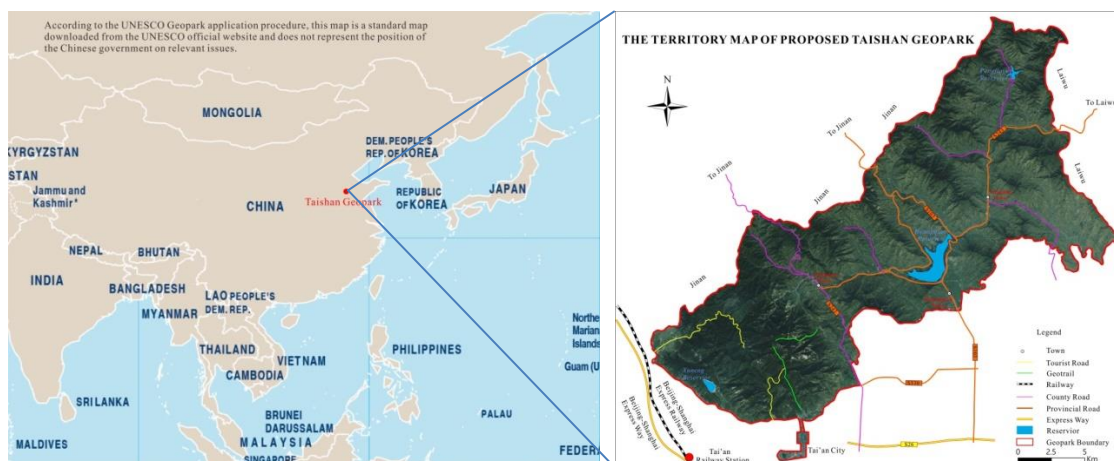


## Annex 5: 1-page geological and geographic summary, including a detailed map indicating the location



### 1. Physical and human geography

Taishan Geopark is located in Tai'an Municipal City, Shangdong Province, China, Asia and the Pacific Region, with geographical coordinates 36°10'40.87"-36°28'34.81"N, 116°59'44.56"-117°23'15.78"E. The total area is 418.36km<sup>2</sup>. In general, Mount Taishan is higher in the north and west, and lower in the south and east. The eroded landforms are well developed. The climate in the geopark belongs to the temperate monsoon type, with very distinct vertical change of climate. The cultural landscapes in the geopark include the ancient architectures, cliff inscriptions, step ways, painted sculptures and mural paintings.

### 2. Geological features and geology of international significance

Tectonically, Taishan Geopark is located in the Central Shandong Block Uplift area of Luxi plot of North China Platform. Taishan Group-Complex in the Geopark is one of the oddest strata in North China; the komatiite in it is the only recognized Archean ultrabasic extrusive rock with spinifex texture in China. Mount Taishan is a typical area to set up the Archean-Proterozoic geological evolution, which is of great significance in understanding the formation and evolution of granite-greenstone belt, clarifying the Archean-Proterozoic continental splitting, matching and welding mechanisms and Earth dynamic processes. The establishment of typical Cambrian section in Taishan Geopark occupies an important place in the geological research history, which has served for domestic and international correlation. Geologists have attended the unique geotectonic position and numerous typical and specific geological landforms that formed under the effect of Neotectonic movement from both China and other countries.