

Boundary Data of the Amur River Basin

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The Amur River Basin, also named the Heilongjiang River Basin, is the biggest river basin in East Asia, covering four countries: Mongolia, China, Russia and North Korea. It covers the basin area of Amur and its branches such as Ussuri River, Singhua Jiang, Bureya, Jeya River, Huma River, Shileke River, Hailaer River. The Amur River Basin begins at the Mt. Hentiyn at 2,473 m, and along the Yablonoi Mountains, Stanovoy Range, and then to Horod-Makhi Mountains, reaches to the harbor city of Nikolayevsk near the Tatar Strait of the Sea of Okhotsk. In the southern, from the Mt. Hentiyn in Mongolia to southeast, pass the Horqin in Inner Mongolia of China, Gongzhuling Hill, and turns to northeast to the Sihot Alin, to meet the harbor city of Nikolayevsk. The geolocation of the Amur River Basin is 107°31'43"E in the west to 141°14'22"E in the east and 41°42'39"N in the south to 55°56'20"N in the north (Figure 1). The total area of the river basin is 2,083,345.35 km², the boundary of the basin is 16,834.48 km long. The dataset was developed based on the ASTER-DEM with the statistic models and validated by the google earth images. The data is archived in both .kmz and .shp formats with the compressed data size of 5.25 MB.

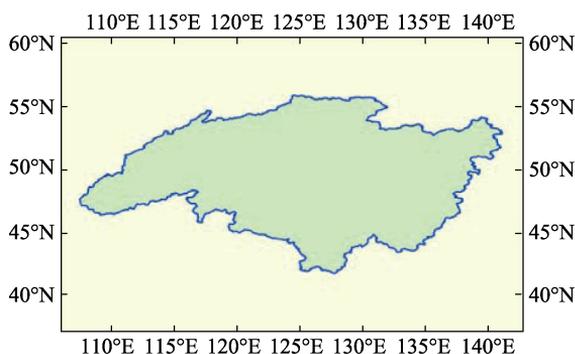


Figure 1 Geolocation of the Amur River Basin

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