

Article

Supplementary for “Simulation and Analysis of the Water Balance of the Nam Co Lake Using SWAT Model”

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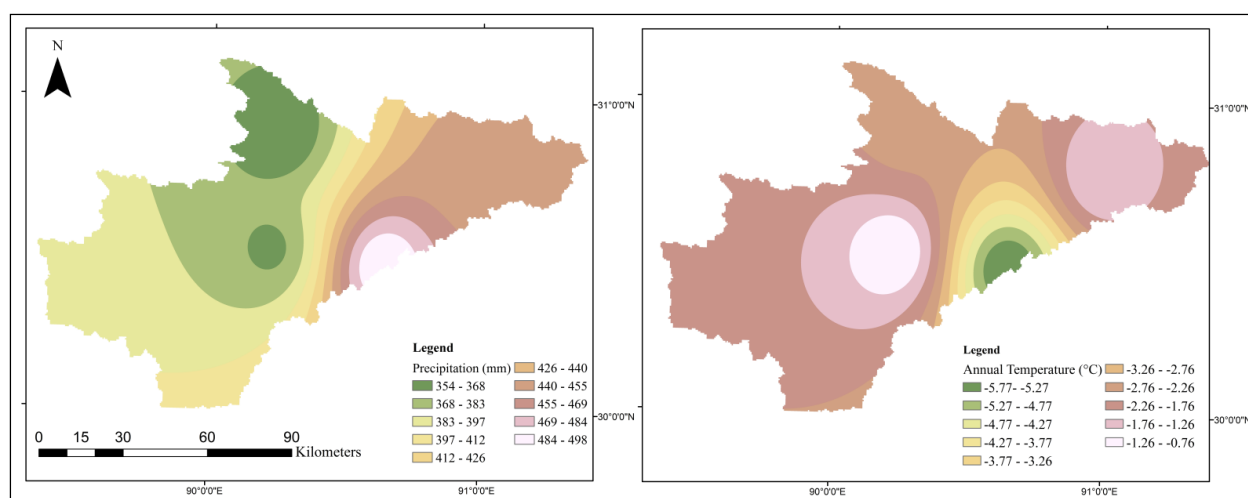


Figure 1. Spatial variations of the average annual temperature and precipitation in the Nam Co basin from 2007–2013.

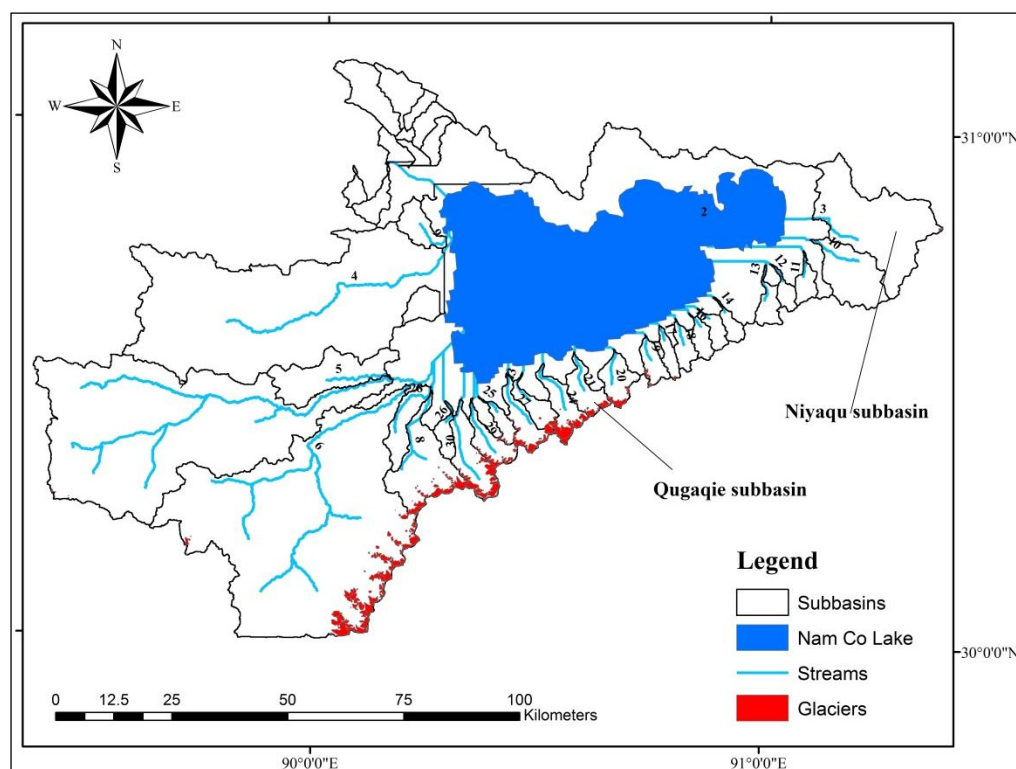


Figure 2. Location map of glaciated, and non-glaciated subbasins in the Nam Co Lake basin.

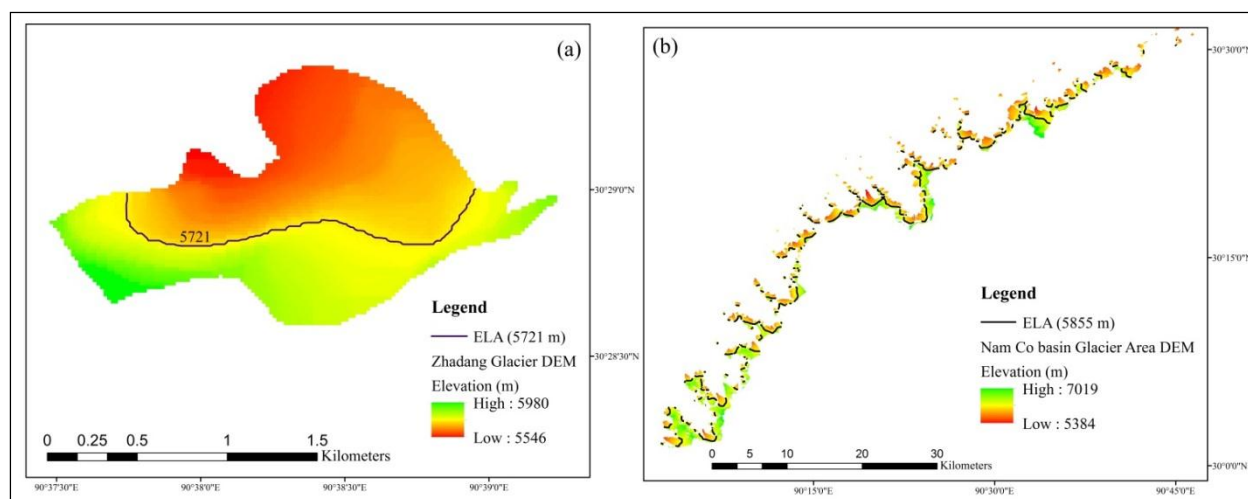


Figure 3. Equilibrium Line Altitude of, (a) Zhadang glacier, (b) Nam Co basin glaciers.

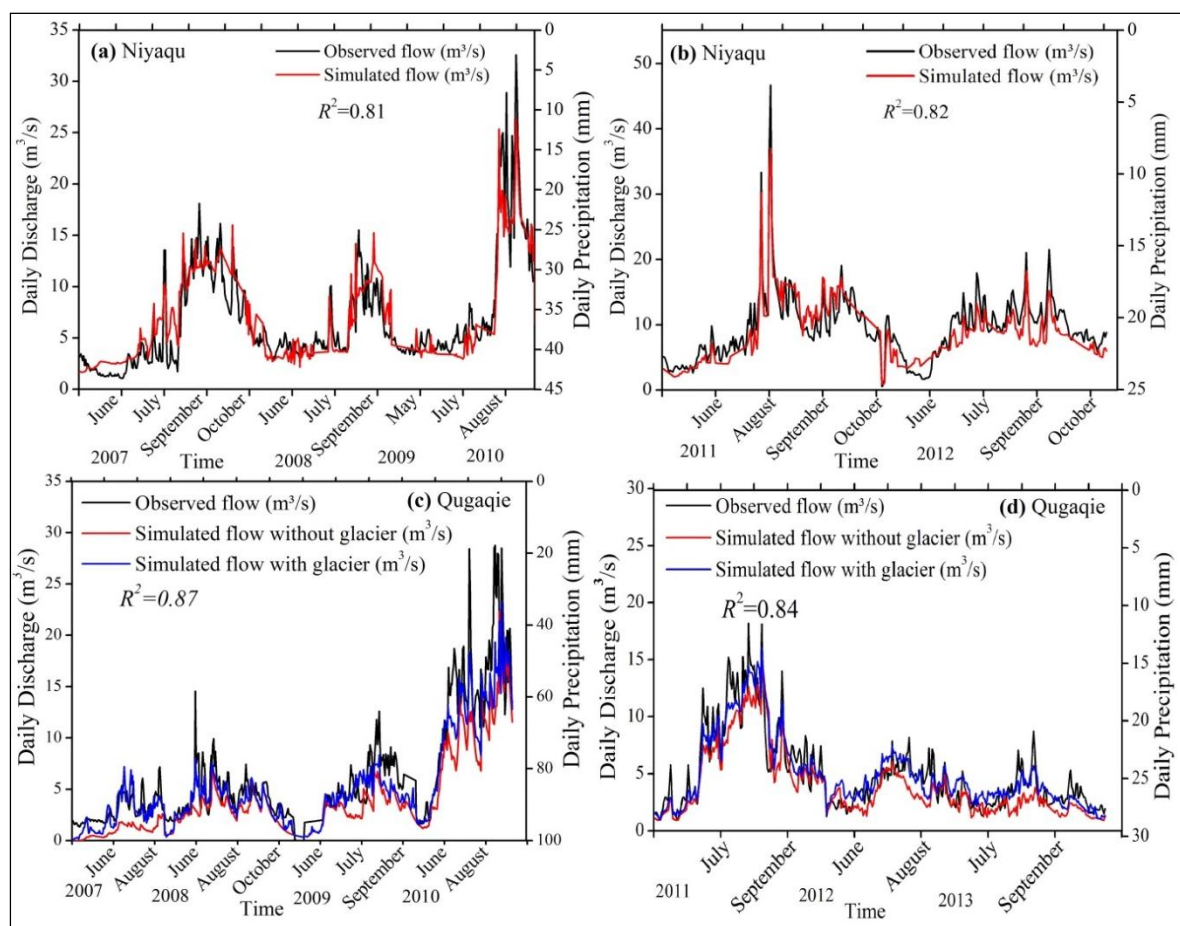


Figure 4. (a–b) Calibration and validation of Niyagu subbasin; (c–d) Calibration and validation of Qugaqie subbasin at the daily time scale.

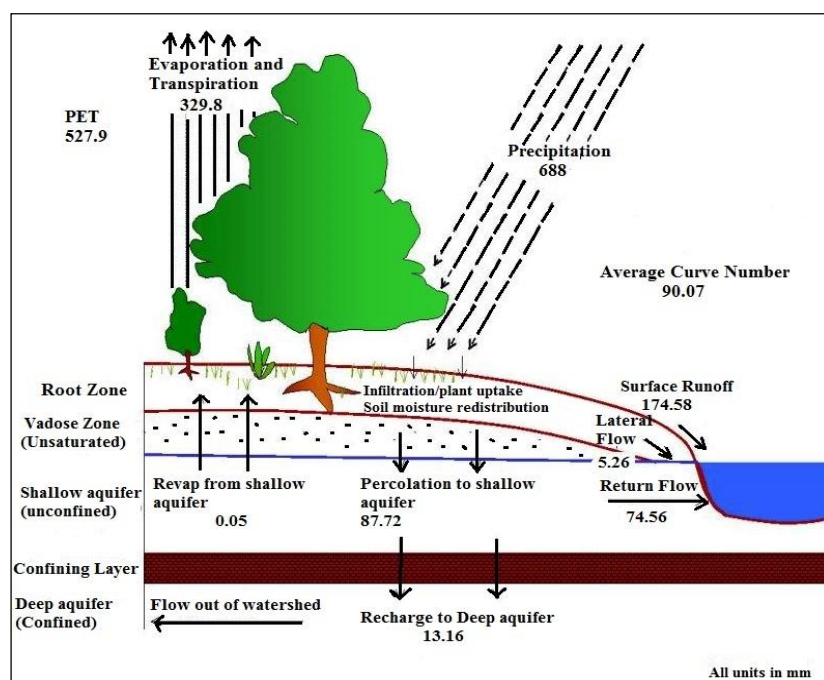


Figure 5. Average values of hydrology components of the Nam Co basin from 2007-2015 using SWAT model.

Table 1. Elevation belts of the whole Nam Co basin glaciers.

Class #	Elevation Range (m)	Mid Elevation (m)	Area (Km ²)
1	5384-5484	5434	0.3888
2	5484-5584	5534	3.5235
3	5584-5684	5634	16.2178
4	5684-5784	5734	32.5222
5	5784-5884	5834	37.2607
6	5884-5984	5934	25.4634
7	5984-6084	6034	14.5034
8	6084-6184	6134	5.3136
9	6184-6284	6234	1.377
10	6284-7019	6652	0.6642
Total Glacier Area (Km ²)			137.2161