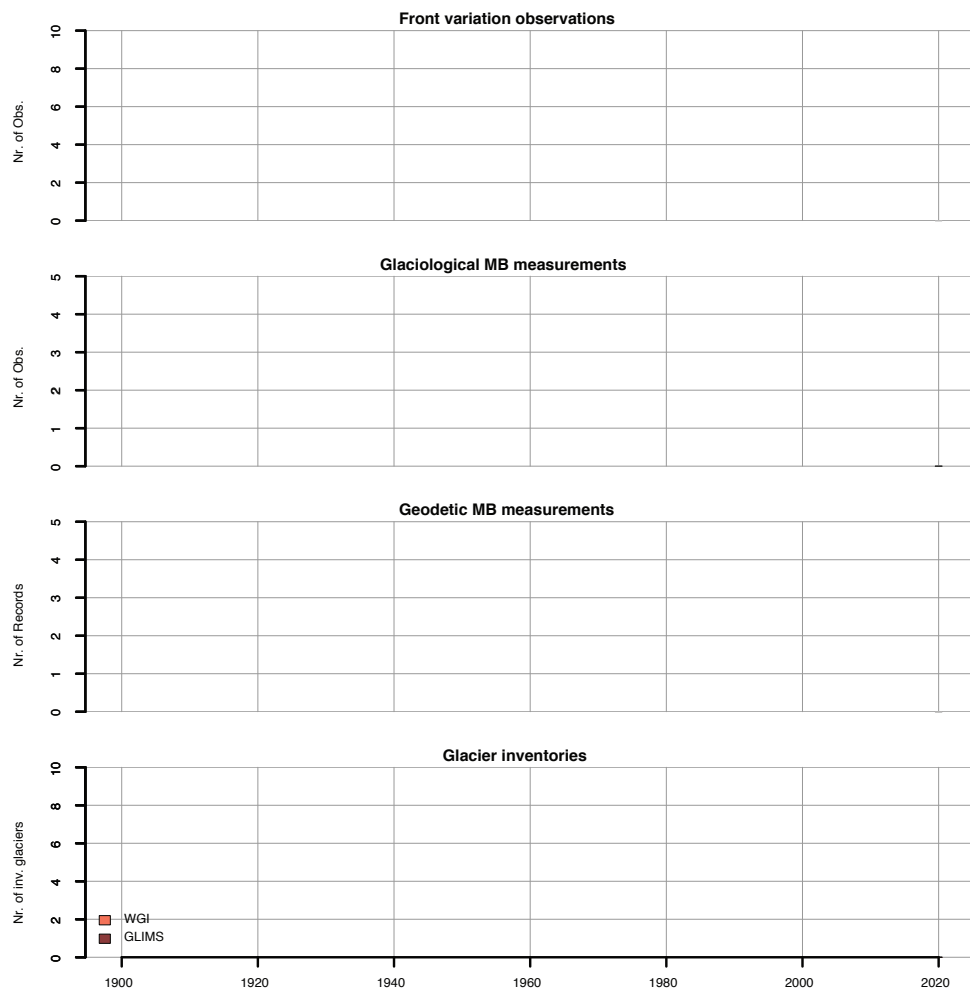


# GLACIER MONITORING: IR

Glaciers in Iran have a significant role in local and regional water resources. The country lack fundamental and reliable quantitative information on glacier changes.

## Available series



No front variation, mass balance and thickness change series are available from glaciers in Iran. In addition, also no inventories do exist.

## Mg uvcvkuvkeu

totBM glBUFE area: km<sup>2</sup>  
 totBM covFSBHF WGI  
 totBM covFSBHF GLIMS:

NVNCFS of series:  
 AvFSBHF length [years]:  
 AvFSBHFnVNCFS of obsFSWBUPD

FSPD 7BSBUPO	MBTT BBMBD	TIDTT CIBDF
0	0	0
0	0	0
0	0	0

## Present state

National correspondent nominated. Glacier monitoring activities started only in recent years.

No mass balance measurements available.

No mass balance measurements available.

No front variation or geodetic observations available.

No inventory available.

## Future potential/needs

Start glacier monitoring and coordinate with glaciologists from neighbouring countries.

Initiate glaciological mass balance measurements.

Initiate glaciological mass balance measurements.

Encourage the use of remotes sensing data for assessing glacier changes in length and volume.

Compile glacier inventories with remote sensing for 20th century. Plan next repeat inventory towards 2020.

## Spatial distribution of series

Most of todays glaciers in Iran are concentrated in the north of the country, in the Elburz mountains, and cover an area of about 27 km<sup>2</sup>. Glacier inventories need to be compiled and glacier fluctuation measurements need to be initiated.

