

References and URL's to the literature cited

Course: *Water balance in glaciated catchment*

- Bookhagen, B., & Burbank, D. W. (2010). Toward a complete Himalayan hydrological budget: Spatiotemporal distribution of snowmelt and rainfall and their impact on river discharge. *Journal of Geophysical Research: Earth Surface*, 115(F3).
- BRAUN, L., Reinwarth, O., & Weber, M. (2012). Der Vernagtferner als Objekt der Gletscherforschung. *Zeitschrift für Gletscherkunde und Glazialgeologie*, 45(46), 85-104.
- Fountain, A. G., Jacobel, R. W., Schlichting, R., & Jansson, P. (2005). Fractures as the main pathways of water flow in temperate glaciers. *Nature*, 433(7026), 618-621.
- Huss, M. (2011). Present and future contribution of glacier storage change to runoff from macroscale drainage basins in Europe. *Water Resources Research*, 47(7).
- Immerzeel, W. W., Lutz, A. F., & Droogers, P. (2012). Climate change impacts on the upstream water resources of the Amu and Syr Darya River basins. *Wageningen, The Netherlands*.
- Kaser, G., Großhauser, M., & Marzeion, B. (2010). Contribution potential of glaciers to water availability in different climate regimes. *Proceedings of the National Academy of Sciences*, 107(47), 20223-20227.
- Lutz, A. F., Immerzeel, W. W., Shrestha, A. B., & Bierkens, M. F. P. (2014). Consistent increase in High Asia's runoff due to increasing glacier melt and precipitation. *Nature Climate Change*, 4(7), 587-592.
- Lutz, A. F., & Immerzeel, W. W. (2013). Water Availability Analysis for the Upper Indus, Ganges, Brahmaputra, Salween and Mekong River Basins. *Final Report to ICIMOD. FutureWater Report*, 127.
- Shea, J. M., Anslow, F. S., & Marshall, S. J. (2005). Hydrometeorological relationships on Haig Glacier, Alberta, Canada. *Annals of Glaciology*, 40(1), 52-60.
- Prasch, M., Mauser, W., & Weber, M. (2013). Quantifying present and future glacier melt-water contribution to runoff in a central Himalayan river basin. *Cryosphere*, 7(3), 889-904.
- Schaner, N., Voisin, N., Nijssen, B., & Lettenmaier, D. P. (2012). The contribution of glacier melt to streamflow. *Environmental Research Letters*, 7(3), 034029.
- Siderius, C., Biemans, H., Wiltshire, A., Rao, S., Franssen, W. H. P., Kumar, P., ... & Collins, D. N. (2013). Snowmelt contributions to discharge of the Ganges. *Science of the Total Environment*, 468, S93-S101.
- Haeberli, W., Schleiss, A., Linsbauer, A., Künzler, M., & Bütler, M. (2012). Gletscherschwund und neue Seen in den Schweizer Alpen. *Perspektiven und Optionen im Bereich Naturgefahren und Wasserkraft. Wasser Energie Luft*, 104(2), 93-104.
- Killingtveit, Å., Pettersson, L. E., & Sand, K. (2003). Water balance investigations in Svalbard. *Polar Research*, 22(2), 161-174.

URL to the cited literature

<http://onlinelibrary.wiley.com/doi/10.1029/2009JF001426/full>

http://www.hochgebirgsforschung.de/Download/ZGG45462013/06_zgg_45_46_2013_Braun.pdf

<http://www.nature.com/nature/journal/v433/n7026/abs/nature03296.html>

<http://onlinelibrary.wiley.com/doi/10.1029/2010WR010299/full>

https://www.researchgate.net/profile/Peter_Droogers/publication/256505940_Climate_Change_Impacts_on_the_Upstream_Water_Resources_of_the_Amu_and_Syr_Darya_River_Basins/links/55d599de08ae1e651663830a.pdf

<http://www.pnas.org/content/107/47/20223.short>

<http://www.nature.com/nclimate/journal/v4/n7/full/nclimate2237.html>

<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.718.698&rep=rep1&type=pdf>

<http://www.ingentaconnect.com/content/igsoc/agl/2005/00000040/00000001/art00011>

https://www.researchgate.net/profile/Monika_Prasch/publication/236941652_Quantifying_present_and_future_glacier_meltwater_contribution_to_runoff_in_a_central_Himalayan_river_basin/links/0c9605217102d6cfd2000000.pdf

<http://iopscience.iop.org/article/10.1088/1748-9326/7/3/034029/meta>

<http://www.sciencedirect.com/science/article/pii/S0048969713006372>

http://www.nfp61.ch/SiteCollectionDocuments/nfp61_medienpiegel_gletscherschwund_und_neue_seen_in_den_schweizer_alpen.pdf

https://www.researchgate.net/profile/Anund_Killingtveit/publication/227533055_Water_balance_investigations_in_Svalbard/links/0fcfd50f033905c331000000.pdf