

## Geography 5241: Snow Hydrology

- Elder, K., Dozier, J. and Michaelsen, J. 1991. Snow accumulation and distribution in an alpine watershed. *Water Resour. Res.*, 27: 1541-52.
- Ferguson, R.T. 1999. Snowmelt runoff models. *Prog. Phys. Geog.*, 23: 205-28.
- Hartman, M.D. *et al.* 1999. Simulations of snow distribution and hydrology in a mountain basin. *Water Resour. Res.*, 35 (5): 1587-1604.
- Hood, E., Williams, M. and Cline, D. 1999. Sublimation from a seasonal snowpack at a continental, mid-latitude alpine site. *Hydrol. Processes*, 13: 1781-97.
- Horne, R.E. and Kavvas, M.L. 1997. Physics of the spatially-averaged snowmelt process. *J. Hydrol.*, 191: 179-207.
- Jin, J. *et al.* Comparative analyses of physically based snowmelt models for climate simulations. *J. Climate*, 12 (8) 2643-57.
- Kattelman, R. and Elder, K. 1991. Hydrologic characteristics and water balance of an alpine basin. *Water Resour. Res.*, 27: 1553-62.
- Kuhn, M. 1987. Micrometeorological conditions for snow melt. *J. Glaciol.* 33 (113): 24-26.
- Lang, H., and Musy, A., eds. 1991. *Hydrology in Mountainous Regions*. Hydrological Measurements; The Water Cycle, *IAHS Publ. No. 193*, 810 pp. (*Espec. Topic C*, pp. 89-204)
- Lang, H. 1981. Is evaporation an important component in high alpine hydrology. *Nordic Hydrol.*, 12: 217-24.
- Leavesley, G.H. 1989. Problems of snowmelt runoff modeling for a variety of physiographic and climatic conditions. *Hydrol. Sci. J.*, 34: 617-34.
- Martin, E. *et al.* 1994. Sensitivity of the French Alps snow cover to the variation of climatic variables. *Annal. Geophicae*, 12: 469-77.
- Rango, A. 1992. Worldwide testing of the snowmelt runoff model with applications for predicting the effects of global change. *Nordic Hydrol.* 23: 1755-72.
- Rango, A. and Martinec, J. 1998. Effects of global warming on runoff in mountain basins representing different climate zones. In H. Weather and C. Kirby (eds) *Hydrology in a Changing Environment*, Vol. 1, Wiley, 99. 133-39.