

References and URL's to the literature cited

Course: **Mountain climatology and monsoons**

- Shrestha, A. B., Wake, C. P., Dibb, J. E., & Mayewski, P. A. (2000). Precipitation fluctuations in the Nepal Himalaya and its vicinity and relationship with some large scale climatological parameters. *International Journal of Climatology*, 20(3), 317-327.
- Watson, A. I., López, R. E., & Holle, R. L. (1994). Diurnal cloud-to-ground lightning patterns in Arizona during the southwest monsoon. *Monthly Weather Review*, 122
- Bhatt, B. C., & Nakamura, K. (2005). Characteristics of monsoon rainfall around the Himalayas revealed by TRMM precipitation radar. *Monthly Weather Review*, 133(1), 149-165.
- KONRAD II, C. E. (1996). Relationships between precipitation event types and topography in the southern Blue Ridge mountains of the southeastern USA. *International Journal of Climatology*, 16(1), 49-62.
- Chen, T. C., Wang, S. Y., Huang, W. R., & Yen, M. C. (2004). Variation of the East Asian Summer Monsoon Rainfall*. *Journal of climate*, 17(4), 744-762.
- Hahn, D. G., & Manabe, S. (1975). The role of mountains in the south Asian monsoon circulation. *Journal of the Atmospheric Sciences*, 32(8), 1515-1541.
- Adams, D. K., & Comrie, A. C. (1997). The north American monsoon. *Bulletin of the American Meteorological Society*, 78(10), 2197-2213.
- Small, E. E. (2001). Influence of soil moisture anomalies on variability of the North American monsoon system. *Geophysical research letters*, 28(1), 139-142.
- Fasullo, J., & Webster, P. J. (2003). A hydrological definition of Indian monsoon onset and withdrawal. *Journal of Climate*, 16(19), 3200-3211.
- Flohn, H. (1957). Large-scale aspects of the “summer monsoon” in South and East Asia. *J. Meteor. Soc. Japan*, 75, 180-186.
- Guan, H., Wilson, J. L., & Makhnin, O. (2005). Geostatistical mapping of mountain precipitation incorporating autosearched effects of terrain and climatic characteristics. *Journal of Hydrometeorology*, 6(6), 1018-1031.
- Kim, H. J., Wang, B., & Ding, Q. (2008). The global monsoon variability simulated by CMIP3 coupled climate models*. *Journal of Climate*, 21(20), 5271-5294.
- He, H., McGinnis, J. W., Song, Z., & Yanai, M. (1987). Onset of the Asian summer monsoon in 1979 and the effect of the Tibetan Plateau. *Monthly Weather Review*, 115(9), 1966-1995.
- Takahashi, H. G., & Yasunari, T. (2006). A climatological monsoon break in rainfall over Indochina-A singularity in the seasonal march of the Asian summer monsoon. *Journal of climate*, 19(8), 1545-1556.
- Qian, J. H., Robertson, A. W., & Moron, V. (2010). Interactions among ENSO, the monsoon, and diurnal cycle in rainfall variability over Java, Indonesia. *Journal of the Atmospheric Sciences*, 67(11), 3509-3524.

Abe, M., Kitoh, A., & Yasunari, T. (2003). An evolution of the Asian summer monsoon associated with mountain uplift-Simulation with the MRI atmosphere-ocean coupled GCM. *氣象集誌. 第2輯*, 81(5), 909-933.

Tang, M., & Reiter, E. R. (1984). Plateau monsoons of the Northern Hemisphere: A comparison between North America and Tibet. *Monthly Weather Review*, 112(4), 617-637.

Narrow Mountains of Asia Shape Monsoon Circulation, International pacific research centre

Grossman, R. L., & Durran, D. R. (1984). Interaction of low-level flow with the western Ghat Mountains and offshore convection in the summer monsoon. *Monthly weather review*, 112(4), 652-672.

Rodwell, M. J., & Hoskins, B. J. (2001). Subtropical anticyclones and summer monsoons. *Journal of Climate*, 14(15), 3192-3211.

Kansakar, S. R., Hannah, D. M., Gerrard, J., & Rees, G. (2004). Spatial pattern in the precipitation regime of Nepal. *International Journal of Climatology*, 24(13), 1645-1659.

Xie, S. P., Xu, H., Saji, N. H., Wang, Y., & Liu, W. T. (2006). Role of Narrow Mountains in Large-Scale Organization of Asian Monsoon Convection*. *Journal of climate*, 19(14), 3420-3429.

Lang, T. J., & Barros, A. P. (2002). An investigation of the onsets of the 1999 and 2000 monsoons in central Nepal. *Monthly Weather Review*, 130(5), 1299-1316.

Wu, T. W., & Qian, Z. A. (2003). The relation between the Tibetan winter snow and the Asian summer monsoon and rainfall: An observational investigation. *Journal of Climate*, 16(12), 2038-2051.

Ogura, Y., & Yoshizaki, M. (1988). Numerical study of orographic-convective precipitation over the eastern Arabian Sea and the Ghat Mountains during the summer monsoon. *Journal of the atmospheric sciences*, 45(15), 2097-2122.

Zhang, Y., Sperber, K. R., & Boyle, J. S. (1997). Climatology and interannual variation of the East Asian winter monsoon: Results from the 1979-95 NCEP/NCAR reanalysis. *Monthly Weather Review*, 125(10), 2605-2619.

URL to the cited literature

https://www.researchgate.net/profile/Cameron_Wake/publication/229661778_Precipitation_fluctuations_in_the_Nepal_Himalaya_and_its Vicinity_and_relationship_with some large scale climatological parameters/links/54749fa10cf29afed60f8b9d.pdf

[http://journals.ametsoc.org/doi/abs/10.1175/1520493\(1994\)122%3C1716:DCTGLP%3E2.0.CO%3B2](http://journals.ametsoc.org/doi/abs/10.1175/1520493(1994)122%3C1716:DCTGLP%3E2.0.CO%3B2)

<http://journals.ametsoc.org/doi/abs/10.1175/MWR-2846.1>

[http://onlinelibrary.wiley.com/doi/10.1002/\(SICI\)1097-0088\(199601\)16:1%3C49::AID-JOC993%3E3.0.CO;2-D/full](http://onlinelibrary.wiley.com/doi/10.1002/(SICI)1097-0088(199601)16:1%3C49::AID-JOC993%3E3.0.CO;2-D/full)

[http://journals.ametsoc.org/doi/abs/10.1175/15200442\(2004\)017%3C0744:VOTEAS%3E2.0.CO;2](http://journals.ametsoc.org/doi/abs/10.1175/15200442(2004)017%3C0744:VOTEAS%3E2.0.CO;2)

[http://journals.ametsoc.org/doi/abs/10.1175/15200469\(1975\)032%3C1515:TROMIT%3E2.0.CO;2](http://journals.ametsoc.org/doi/abs/10.1175/15200469(1975)032%3C1515:TROMIT%3E2.0.CO;2)

[http://journals.ametsoc.org/doi/abs/10.1175/15200477\(1997\)078%3C2197%3ATNAM%3E2.0.CO%3B2](http://journals.ametsoc.org/doi/abs/10.1175/15200477(1997)078%3C2197%3ATNAM%3E2.0.CO%3B2)

<http://geode.colorado.edu/~small/docs/2001GRL.pdf>

[http://journals.ametsoc.org/doi/abs/10.1175/15200442\(2003\)016%3C3200a%3AAHDOIM%3E2.0.CO%3B2](http://journals.ametsoc.org/doi/abs/10.1175/15200442(2003)016%3C3200a%3AAHDOIM%3E2.0.CO%3B2)

https://www2.meteo.uni-bonn.de/bibliothek/Flohn_Publikationen/K81-K140_1952-1959/K127.pdf

<http://journals.ametsoc.org/doi/abs/10.1175/JHM448.1>

<http://journals.ametsoc.org/doi/abs/10.1175/2008JCLI2041.1>

[http://journals.ametsoc.org/doi/abs/10.1175/15200493\(1987\)115%3C1966%3AOOTASM%3E2.0.CO%3B2](http://journals.ametsoc.org/doi/abs/10.1175/15200493(1987)115%3C1966%3AOOTASM%3E2.0.CO%3B2)

<http://journals.ametsoc.org/doi/abs/10.1175/JCLI3724.1>

<http://journals.ametsoc.org/doi/abs/10.1175/2010JAS3348.1>

https://www.istage.jst.go.jp/article/jmsj/81/5/81_5_909/_article

[http://journals.ametsoc.org/doi/abs/10.1175/15200493\(1984\)112%3C0617%3APMOTNH%3E2.0.CO%3B2](http://journals.ametsoc.org/doi/abs/10.1175/15200493(1984)112%3C0617%3APMOTNH%3E2.0.CO%3B2)

iprc.soest.hawaii.edu/newsletters/newsletter.../mountains_shape_asian_monsoon.pdf

[http://journals.ametsoc.org/doi/abs/10.1175/15200493\(1984\)112%3C0652:IOLLFW%3E2.0.CO%3B2](http://journals.ametsoc.org/doi/abs/10.1175/15200493(1984)112%3C0652:IOLLFW%3E2.0.CO%3B2)

[http://journals.ametsoc.org/doi/full/10.1175/15200442\(2001\)014%3C3192:SAASM%3E2.0.CO;2](http://journals.ametsoc.org/doi/full/10.1175/15200442(2001)014%3C3192:SAASM%3E2.0.CO;2)

<http://onlinelibrary.wiley.com/doi/10.1002/joc.1098/full>

<http://journals.ametsoc.org/doi/abs/10.1175/jcli3777.1>

[http://journals.ametsoc.org/doi/abs/10.1175/15200493\(2002\)130%3C1299:AIOTOO%3E2.0.CO;2](http://journals.ametsoc.org/doi/abs/10.1175/15200493(2002)130%3C1299:AIOTOO%3E2.0.CO;2)

[http://journals.ametsoc.org/doi/abs/10.1175/15200442\(2003\)016%3C2038:TRBTTW%3E2.0.CO%3B2](http://journals.ametsoc.org/doi/abs/10.1175/15200442(2003)016%3C2038:TRBTTW%3E2.0.CO%3B2)

[http://journals.ametsoc.org/doi/abs/10.1175/15200469\(1988\)045%3C2097:NSOOCP%3E2.0.CO%3B2](http://journals.ametsoc.org/doi/abs/10.1175/15200469(1988)045%3C2097:NSOOCP%3E2.0.CO%3B2)

[http://journals.ametsoc.org/doi/abs/10.1175/15200493\(1997\)125%3C2605:CAIVOT%3E2.0.CO%3B2](http://journals.ametsoc.org/doi/abs/10.1175/15200493(1997)125%3C2605:CAIVOT%3E2.0.CO%3B2)