**Reading guidelines for Lecture 13: Diurnal cycle of monsoon convection**

1. It is not always true that precipitation tends to be a maximum over land (ocean) during the daytime (nighttime).
2. Notions should be given to the conclusions of Dai (2001) regarding the global diurnally-varying convective precipitation patterns.
3. The tropical eastern Atlantic and Pacific oceans and SPCZ have an afternoon maximum of precipitation.
4. The southern slopes of Himalayas, leeside of Tibetan Plateau, central Borneo, Midwest of United States and inlands of Argentina in South America have an morning maximum of precipitation.
5. Discuss the two mechanisms suggested by Wallace (1975) regarding the diurnal cycle of convection.
6. What is the Gray-Jacobson hypothesis?
7. Notions should be given to the global distribution of Low-Level Jets (LLJs) and their roles in shaping up the convective activity.