

### **Selected publications:**

- Mak, M., 2008: Dynamics of the mean Asian summer monsoon in a maximally simplified model. *Q. J. R. Meteorol Soc.*, **134**, 429-437.
- Mak, M. and Y. Deng, 2007: Diagnostic and Dynamical Analyses of Two Outstanding Aspects of Storm Tracks. *Dyn. of Atmos. and Oceans*, **43**, 80-99.
- Mak, M., 2007: Relative intensity of storm tracks in a maximally simplified model setting. Dept. of Atmos. Sci., National Taiwan University, Special issue (In press).
- Deng, Y. and M. Mak, 2006: Nature of the Differences in the Intraseasonal Variability of the Pacific and Atlantic Storm Tracks: A Diagnostic Study. *J. Atmos. Sci.*, **63**, 2602–2615.
- Deng Y. and M. Mak, 2005: An idealized model study relevant to the dynamics of mid-winter minimum of the Pacific storm track. *J. Atmos. Sci.*, **62**, 1209-1225.
- Mak, M., 2002: Wave-Packet Resonance: Instability of a Localized Barotropic Jet. *J. Atmos. Sci.*, **59**, 823-836.
- Mak, M. 2001: Nonhydrostatic Barotropic Instability: Applicability to Nonsupercell Tornadogenesis. *J. Atmos. Sci.*, **58**, 1965-1977.
- Mak, M., 1998: Influence of surface sensible heat flux on incipient marine cyclogenesis. *J. Atmos. Sci.*, **55**, 820-834.
- Mak, M., 1995: Orthogonal wavelet analysis: Interannual variability in the sea surface temperature. *Bulletin of the Amer. Meteor. Soc.*, **76**, 2179-2186.
- Mak, M., 1994: Cyclogenesis in a conditionally unstable moist baroclinic atmosphere. *Tellus*, **46A**, 14–33.