

**Name and Family Name** Mathuros Tipayamongkholgul

**Affiliation** Department of Epidemiology, Faculty of Public Health,  
Mahidol University

**Educations** Ph.D. (Epidemiology) National Taiwan University (2009)

M.Sc. (Public Health) Mahidol University, Thailand (2004)

### **Books**

1. King, CC\*, Chao DY, Wen TH, Kao CL, Ku CC, Wu TS, Huang YJ, **Tipayamongkholgul M**, Shang CS, Li YS, Wang HT, Liao MY, Wang WK, Wu HC, and Chang KJ (2008) *Epidemiologic Characteristics of Dengue in Taiwan and Implications for Global Control. A Review Chapter 1, In Book on "Dengue", Research Signpost, Kerala, India.*

### **Publications**

1. **Tipayamongkholgul M** and Lisakulrak S. Socio-Geographic Factors in Vulnerability to Dengue in Thai Villages: A Spatial Regression Analysis. *Geospatial Health*. 2011; 5(2): 191-8 (Impact Factor 1.583)
2. **Tipayamongkholgul M**, Fang CT, Klinchan S, Liu CM, King CC. Effects of the El Niño-southern oscillation on dengue epidemics in Thailand, 1996-2005. *BMC Public Health*. 2009; 9:422. (Impact Factor 2.22) (Citation 6)
3. **Tipayamongkholgul M**, Fang CT, King CC, Lisakulruk S. Spatial Vulnerability to Dengue in Coastal Thailand: A Case Study, Prachuap Khirikhan, 2003-2007. *American Journal of Tropical Medicine and Hygiene*. 2008; 79(6):34-.
4. **Tipayamongkholgul M**. Climate-based forecasting models for dengue: A case study in Prachuap Khiri Khan Province in Thailand. *American Journal of Tropical Medicine and Hygiene*. 2007; 77(5):221-.
5. Dusit Sujirarat, Phitaya Charupoonphol, **Mathuros Tipayamongkolkul**, Chukiat Viwatwongkasem. Relationship between Nuisance and Health Problem around Industrial Estates. *Journal of Public Health* 2005; 35 (3):175-185.
6. **Mathuros Tipayamongkholgul**, Amornrath Podhipak, Sanay Chearskul, Pramuan Sunakorn, Factors Associated with Development of Tuberculosis in BCG Immunized Children. *Southeast Asian J Trop Med Public Health* 2005; 36 (1):145-150. (Citation 15)
7. Kitiporn Srisam-ang, Amornrath Podhipak, Kulaya Narksawat, Pongsatorn Supaattagorn, **Mathuros Tipayamongkholgul**, Survival of patients with advanced non-small cell lung cancer at Ubon Ratchathani cancer center Thailand. *Southeast Asian J Trop Med Public Health* 2005; 36(4): 994-1006. (Citation 1)

### **International Conferences**

1. **Tipayamongkholgul M**, Fang CT and King CC (2008) *Climate Change Affected Dengue in Mountain Area of Northern Thailand*, Int. Conf. Vector-borne Inf Dis, Nov, Beijing. (Poster)
2. **Tipayamongkholgul M** and King CC (2007) *Geographical Variations in Different Climate Conditions Associated with Seasonal Epidemics of Dengue in Thailand during 1996 to 2005*, Int Sym on Climate and Society, Taipei. (Oral)
3. **Tipayamongkholgul M**, Hsiao CY, Klinchun S, King CC (2006) *A Change for the Worst: Epidemiology of Dengue in Thailand, 1994-2005*. Feb.23-26. International Meeting on Emerging Diseases and Surveillance. (Poster)
4. Hsiao CY, Wu TS, Shih FY, Yen MY, **Tipayamongkholgul M**, Pan ML, Liu DM, Liu CT, Chang H, King CC. (2006) *Establishing a Syndromic Surveillance System Using Chief-Complaint Data at Emergency Department of One Regional Hospital in Taipei City to Detect Infectious Disease Outbreaks*. Oct18-20, Baltimore, Inf Dis Surv Soc. (Poster)

### **Research Grants**

1. *Associated factors of spatial epidemiology of pulmonary tuberculosis risk in Thailand at provincial level, 2003-2009 (Principal Investigator), January – December 2011, Research Grant of China Medical Board (PHRU/CMB 04 /2010)*
2. *Evaluation of national dengue surveillance prevention and control program in 2010. (Co-investigator), January—September 2011. Funding by Department of Disease control, Ministry of Public Health Thailand.*
3. *Impact of Regional Climate to Infectious Disease Epidemiology and Control Strategies (III) (Co-investigator), August 2007- October 2008, Biomedicine Grant of National Science Council, Taiwan*
4. *Impacts of Climate Change to Epidemics of Dengue in Taiwan and SE Asia (II) (Co-investigator), August 2008-October 2009, Biomedicine Grant of National Science Council, Taiwan*

### **Field of Interests**

1. *Spatial epidemiology*
2. *Epidemiology of Dengue, Tuberculosis, and HIV*
3. *Epidemiology in public health policy*

### **Certifications and Accreditations**

1. *Standard course in clinical trials (2011)*

### **Academic consultant**

1. *Development of test kits for quality control of Acid- Fast Bacilli staining. Funding by Department of Disease control, Ministry of Public Health Thailand, 2010—2012*
2. *TB care guideline for practical nurses in public nursing home (in Thai), 2009--2010*