



Assist. Prof. Dr. Saowanuch Tawornpruek , Ph.D

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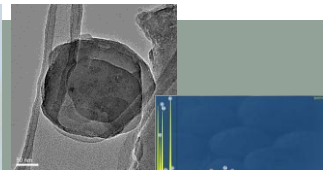
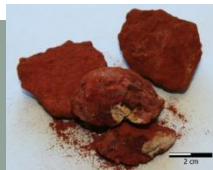
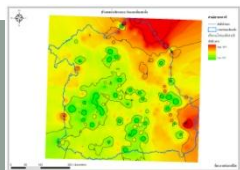
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Interested Fields:

Soil Survey, Soil Genesis and Classification,
Soil mineralogy, GIS in Soil Science

Current Researches:

- 2011 Site-specific nutrient management for *Capsicum frutescens* in major production areas of Nakhon Ratchasima province.
- 2011 Soil organic matter test kit for field method to estimate soil organic matter
- 2011 Site-specific nitrogen, phosphorus and potassium management for *Jatropha curcas* Linn. production on area 11.
- 2010 An application of GIS on land suitability of some problem soil for growing *Jatropha* in Northeast Thailand
- 2009 Mineralogy of Bauxite in South Western Australia



Publications:

- Khunthong M. and **S. Tawornpruek**. 2012. Estimation of Soil Organic Matter from Some Soil Properties and Soil Organic Meter Test Kit in Thailand. 38th Congress on Science and Technology of Thailand.
- Gilkes, R., **S. Tawornpruek**, N. Prakongkep, C. Scanlan, W. Tichbon and A. Aboagye. 2012. Caustic Insoluble Aluminium Containing Nanominerals in Bauxite from South Western Australia. Proceedings of the 9th International Alumina Quality Workshop. Perth Convention and Exhibition Centre from Sunday 18 - Thursday 22 March 2012.
- Janjirawuttikul, N., M. Umitsu and **S. Tawornpruek**. 2011. Pedogenesis of Acid Sulfate Soil in the Lower Central Plain of Thailand. *International Journal of Soil Science* 6(2): 77-102.
- Tawornpruek, S.** and R.J. Gilkes. 2008. The Composition and Structural Properties of Iron Oxides in Lateritic Bauxite in the Darling Range, Western Australia. 2008 Annual Meeting of the Clay Minerals Society in Collaboration with the Division of Geochemistry, 235th ACS National Meeting, New Orleans, LA, April 6-10, 2008.
- Tawornpruek, S.**, I. Kheoruenromne, A. Suddhiprakarn and R.J. Gilkes. 2006. Properties of red Oxisols on calcareous sedimentary rocks in Thailand. *Geoderma*. 136: 477-493.
- Tawornpruek, S.**, I. Kheoruenromne, A. Suddhiprakarn and R.J. Gilkes. 2005. Microstructure and water retention of Oxisols in Thailand. *Australian Journal of Soil Research*. 43: 973-986.