

เอกสารอ้างอิง

- กรมป่าไม้. 2545. คอยอินทนนท์. เอกสารเผยแพร่ของกรมป่าไม้. แหล่งที่มา [http:// www.lannaworld.com](http://www.lannaworld.com). (20 มีนาคม 2545).
- กรมป่าไม้. 2544. พื้นที่ป่าไม้ในประเทศไทย. แหล่งที่มา <http://www.forest.go.th/zoning> (12 กันยายน 2544).
- ปิยนัทร สำเภาลอย. 2536. การประยุกต์ใช้ระบบสารสนเทศภูมิศาสตร์ในงานวางแผนการใช้ที่ดิน : กรณีศึกษาพื้นที่คอยอินทนนท์ จังหวัดเชียงใหม่. วิทยานิพนธ์ บัณฑิตวิทยาลัย มหาวิทยาลัยเชียงใหม่
- สุพัศตรา บุรีรัตน์. 2545. สมบัติทางเคมีของดินภายใต้สภาพการใช้ประโยชน์ที่ดินแบบต่างๆ ณ คอยอินทนนท์ จังหวัดเชียงใหม่. วิทยานิพนธ์ บัณฑิตวิทยาลัย มหาวิทยาลัยเชียงใหม่
- อำพรณ พรมศิริ (2541) การศึกษาปริมาณของจุลินทรีย์ดิน โดยวิธี dilution plate . บทปฏิบัติการวิชาชีววิทยาของจุลินทรีย์ดิน. ภาควิชาจุลชีววิทยาและอนุรักษศาสตร์. มหาวิทยาลัยเชียงใหม่. หน้า 4-7.
- Ajwa,H.A., C.J. Dell and C.W. Rice. 1999. Change in enzyme activity and microbial biomass of tallgrass prairie soil as related to burning and nitrogen fertilization. *Soil Bio. and Biochem.* 31:769-777.
- Alexander, M.1977. Introduction to soil microbiology. John Wiley and sons, inc. 472p.
- Alvarez,C.R, and R.Alvarez. 2000. Short-term effects of tillage systems on active soil microbial biomass. *Biol. Fertil Soils* . 31:157-161.
- Bremner,J.M. and C.S. Mulvaney. 1983. Nitrogen total. In Page, A.L., R.H. Miller and D.R. Keeney. *Method of Soil Analysis. Part 2 Chemical and Microbiological Properties.* Second Edition. Madison .Wisconsin, USA. pp. 595 – 622.
- Choromanska,U and T.H.,Deluca. 2002. Microbial activity and nitrogen mineralization in mineral soils following heating: evaluation of post-fire effects *Soil. Bio. Biochem.* 34:263-271.
- Funakawa,S., S.Tanak, H. Shinigo, T. Kaewkhongkha, T. Hatoni and K. Yonebayashi. 1997. Ecological study on the dynamics of soil organic matters and its related properties in shifting cultivation system of northern Thailand. *Soil Sci Plant. Nutr.*43: 681 – 693.

- Groffman, P.M., W.H. McDowell, J.C. Myers and J.L. Merriam. 2001. Soil microbial biomass and activity in tropical riparian forests. *Soil Bio. Biochem.* 33:1339-1348.
- Hackl, E., G. Bachmann and S. Zechmeister-Boltenstern. 2000. Soil microbial biomass and rhizosphere effects in natural forest stands. *Phyton*. Vol. 40 Fasc 4. pp. 83-90.
- Hart, C.S., J.M. Stark, E.A., Davidson and M.K., Firestone. 1994. Nitrogen-mineralization, immobilization, and nitrification. *In* Weaver, R.W., J.S. Angel, and P.S. Bottomley (eds.). SSSA. Book Series: 5 Method of Soil Analysis. Part 2 Microbiological and Biochemical Properties. SSSA USA. pp. 985-1018.
- Higuchi, T. and S. Kashiwagi. 1992. Changes of soil morphological characteristics and organic matter content after long-term cultivation in Adisols on the Musashino plateau Japan. *Soil Sci. Plant Nutri.* 39:87-97.
- Horwath, W.R. and E.A., Paul. 1994. Microbial biomass. *In* Weaver, R.W., J.S. Angel, and P.S. Bottomley (eds.). SSSA. Book Series: 5 Method of Soil analysis. Part 2 Microbiological and Biochemical Properties. SSSA. USA. pp. 753-773.
- Holt, J.A. and R.J. Mayer. 1998. Changes in microbial biomass and protease activities of soil associated with long-term sugar cane monoculture. *Biol. Fertil. Soils.* 27:127-131.
- Kandeler, E., M. Stemmer and E.M. Klimanek. 1999a. Responses of soil microbial biomass, urease and xylanase within particle size fractions to long-term soil management. *Soil Bio. and Biochem.* 31: 1253-1264.
- Kandeler, E., S. Palli, M. Stemmer and M.H. Gerzabek. 1999b. Tillage changes microbial biomass and enzyme activity in particle size fractions of a Haplic Chernozem *Soil Bio. and Biochem.* 31: 1253-1264.
- Kandeler, E., D. Tschirko and H. Spiegel. 1999c. Long-term monitoring of microbial biomass, N mineralisation and enzyme activities of a chernozem under different tillage management. *Biol. Fertil. Soils* 28:343-351.

- Manjaiah, K.M., R.P. Voroney and U.Sen. 2000. Soil organic carbon stocks, storage profile and microbial biomass under different crop management systems in a tropical agricultural ecosystem. *Biol. Fertil. Soils*. 31:200-210.
- Martens, R. 1985. Limitation in application of the fumigation technique for biomass estimations in amended soils. *Soil Bio. Biochem.* 17: 57-63.
- Moore, J.M., S. Klose and M.A. Tabatabai. 2000. Soil microbial biomass carbon and nitrogen as affected by cropping systems. *Biol. Fertil. Soils*. 31:200-210.
- Mulvaney, R.L. 1996. Nitrogen- inorganic form. *In* Sparks, D.L., A.L. Page, P.A. Helmke, R.H. Loeppert, P.N. Soltanpour, M.A. Tabatabai, C.T. Johnston and M.E. Sumner (eds.). *SSSA. Book Series : 5 Method of Soil Analysis Part 3 Chemical Methods*. SSSA. USA. pp.1123-1184.
- Pinthong, J., N. Anongrak, T. Norkum and Bo V. Iverson. 2001. Soil Mapping of the Doi Inthanon Complex. Department of Soil Science and Conservation, Faculty of Agriculture, Chiangmai University. A paper presented at International Conference on Forest and People in Thailand held on 11th – 14th December at Kasetsart University, Bangkok.
- Piao, H.C., Y.T. Hong and Z.Y. Yuan. 2000. Seasonal changes of microbial biomass carbon related to climatic factors in soils from karst areas of southwest China. *Biol Fert. Soils*. 30:294-297.
- Pietikainen, J. 1999. Soil microbes in Boreal Research Institute. *Research Papers. Vantaa Research Centre*. 128 pp.
- Pramer, D. and E.L., Schmidt. 1967. *Experimental Soil Microbiology*. Burgess Publishing. Com. 107 p.
- Prieto-Fernandez, A., M.J. Acea, T. Carballas. 1998. Soil microbial and extractable C and N after wildfire. *Biol. Fertil. Soils* 27:132-142.
- Salinas-Garcia, J.R., F.M. Hons, and J.E. Matocha. 1997. Soil carbon and nitrogen dynamics as affected by soil carbon and nitrogen fertilization. *Biol. Fertil. Soils*. 25:182-188.

- Schimel, J.P., J.M. Gullledge, J.S. Cein-Curley, J.E. Lindstrom and J.F. Braddock. 1999. Moisture effects on microbial activity and community structure in decomposing birch litter in the Alaskan Taiga. *Soil Bio. Biochem.* 31:831-838.
- Taylor, L.A., M.A. Arthur and R.D. Yanai. 1999. Forest floor microbial biomass across a northern hardwood successional sequence. *Soil Bio. Biochem.* 31: 431-439.
- Thomas, G.W. 1996. Soil pH and soil acidity. *In* Sparks, D.L., A.L. Page, P.A. Helmke, R.H. Loeppert, P.N. Soltanpour, M.A. Tabatabai, C.T. Johnston and M.E. Sumner (eds.). SSSA. Book Series : 5 Method of Soil Analysis Part 3 Chemical Methods. SSSA. USA. pp. 475-490.
- Vance, E.D., P.C. Brookes and D.S. Jenkinson. 1987. Microbial biomass measurements in forest soils: Determination of Kc values and test of hypotheses to explain the failure of the chloroform fumigation-incubation method in acid soils. *Soil Bio. Biochem.* 19: 689-696.
- Woomer, P.L. 1994. Most probable number. *In* Weaver, R.W., J.S. Angel, and P.S. Bottomley (eds.). SSSA. Book Series: 5 Method of Soil analysis. Part 2 Microbiological and Biochemical Properties. SSSA. USA. pp. 59-79.