

## บรรณานุกรม

เจร วุฒิศาสน์. 2548. “ความเข้มข้นเรเดียม-226 ในน้ำบริโภค (น้ำบ่อตื้น) ในอำเภอหาดเมื่อม จังหวัดสิงห์บุรี”, วิทยานิพนธ์วิทยาศาสตร์มหาบัณฑิต สาขาวิชาฟิสิกส์ คณะวิทยาศาสตร์ มหาวิทยาลัยสингห์บุรี.

สุขสวัสดิ์ ศิริจากรุกุล. 2537. “การวัดปริมาณยูเรเนียม (U-238) ในหินชนิดต่างๆ ในพื้นที่จังหวัดสิงห์บุรี พัทลุง ปัตตานี”, วิทยานิพนธ์วิทยาศาสตร์มหาบัณฑิต สาขาวิชาฟิสิกส์ คณะวิทยาศาสตร์ มหาวิทยาลัยสิงห์บุรี.

สุกทร กั้ทรกิจโสภา. 2547. “ประสิทธิภาพการจับเรเดียมของเรซินแลกเปลี่ยนอิออนชนิดแคดมิオン”, โครงการฟิสิกส์ สาขาวิชาฟิสิกส์ คณะวิทยาศาสตร์ มหาวิทยาลัยสิงห์บุรี.

(สำเนา)

Ahmad, N., Matiullah, Khatibeh, A.J.A.H., Maly, A. and Kenawy, M.A. 1997. “Measurement of natural radioactivity in Jordanian sand”, Radiation Measurements, 28(1997), 341-344.

Ahmed, N.K. 2005. “Measurement of natural radioactivity in building materials in Qena city, Upper Egypt”, Environmental Radioactivity, 83(2005), 91-99.

Ahmed, N.K. and El-Arabi, A.G. 2005. “Natural radioactivity in farm soil and phosphate fertilizer and its environmental implications in Qena governorate, Upper Egypt”, Environmental Radioactivity. 84(2005), 51-64.

Akhtar, N., Tufail, M. and Iqbal, M. 2005. “Measurement of environmental radioactivity for estimation of radiation exposure from saline soil of Lahore, Pakistan”, Radiation Measurements. 39(2005), 11- 14.

Al-Jundi, J., Al-Bataina, B.A., Abu-Rukah, Y. and Shehadeh, H.M. 2003. "Natural radioactivity concentrations in soil samples along the Amman Aqaba Highway, Jordan", Radiation Measurements. 36(2003), 555-560.

Amutha, R., Brahmanandhan, G.M., Malathi, J., Khanna, D., Selvasekarpandian, S., Sarida, R., Meenakshisundaram, V. and Gajendran, V. 2005. "Study of background radiation from soil samples of Pollachi taluk, Tamilnadu, India", International Congress Series. 1276(2005), 331-332.

Anjos, R.M., Veiga, R., Soares, T., Santos, A.M.A., Aguiar, J.G., Frascà, M.H.B.O., Brage, J.A.P., Uzêda, D., Mangia, L., Facure, A., Mosquera, B., Carvalho, C. and Gomes, P.R.S. 2005. "Natural radionuclide distribution in Brazilian commercial granites", Radiation Measurements. 39(2005), 245-253.

Beretka, J. and Mathew P.J. 1985. "Natural radioactivity of Australian building materials, industrial wastes and by-product", Health Physics. 48(1985), 87-95.

Chiozzi, P., Felice, P., Fazio, A., Pasquale, V. and Verdoya, M. 2000. "Laboratory application of NaI(Tl)  $\gamma$ -ray spectrometry to studies of natural radioactivity in geophysics", Journal of Applied Radiation and Isotopes. 53(2000), 127-132.

Chowdhury, M.I., Alam, M.N. and Hazari, S.K.S. 1999. "Distribution of radionuclides in the river sediments and coastal soils of Chittagong, Bangladesh and evaluation of the radiation hazard", Applied Radiation and Isotopes. 51(1999), 747-755.

DMR, 1989. Airborne Radiometric Map : Uranium Equivalent Concentration, Economic and Information Division, Department of Mineral Resources, Bangkok, Thailand.

EC. 1999. "European Commission Report on Radiological Protection Principles concerning the Natural Radioactivity of Building Materials", Radiation protection. 112.

- Faure, G. 1986. Principle of isotope geology (Second Edition). Singapore : John Wiley & Sons.
- Fowler, C.M.R. 1990. The solid Earth : An Introduction to Global Geophysics. Cambridge : Cambridge University Press.
- Friedlander, G., Kenedy, J.W. and Miller, J.N. 1964. Nuclear and Radiochemistry (Second Edition). New York : John Wiley & Sons.
- IAEA. 1987. Preparation and Certification of IAEA Gamma Spectrometry Reference Materials RGU-1, RG-Th-1 and RGK-1, IAEA/RL/148, IAEA, Vienna, Austria, 48 p.
- ICRP 60. 1991. Recommendations of the International Commission on Radiological Protection, Pergamon Press, Oxford.
- Ishihara, S., Sawata, H., Shibata, K., Terashima, S., Arrykul, S. and Sato, K. 1980. "Granites and Sn-W deposits of peninsular Thailand", In: Mining Geol. Spec. Issue, 8.
- Khan, K., Khan, H.M., Tufail, M., Khatibeh, A.J.A.H. and Ahmad, N. 1998. "Radiometric Analysis of Hazara Phosphate Rock and Fertilizers in Pakistan", Environmental Radioactivity. 38(1998), 77-84.
- Kocher, D.C. and Sjoreen, A.L. 1985. "Dose-rate conversion factors for external exposure to photon emitters in soil", Health Physics. 48(1985), 193-205.
- Krieger, R. 1981. "Radioactivity of construction materials", Betonwerk Fertigteil technik. 47(1981), 468-473.
- Larivière, D., Epov, V.N., Reiber, K.M., Cornett, R.J. and Evans, R.D. 2005. "Micro-extraction procedures for the determination of Ra-226 in well water by SF-ICP-MS", Analytica Chimica Acta. 528(2005), 175-185.

- Lawire, W.C., Desmond, J.A., Spence, D., Anderson, S. and Edmondson, C. 2000. "Determination of radium-226 in environmental and personal monitoring samples", Applied Radiation and Isotopes, 53(2000), 133-137.
- Limpert, E., Stahel, A.W. and Abbt, M. 2001. "Log-normal distributions across the sciences : Keys and Clues", Bioscience, 51(2001), 341-352.
- Liverhant, S.E. 1960. Elementary introduction to Nuclear Reactor Physics. New York: John Wiley & Sons.
- Lucas, F. and Ribeiro, F.B. 2006. "Radium content in ground water from a granitic batholith of the metamorphic basement, eastern São Paulo State, Brazil", Applied Radiation and Isotopes, 64(2006), 735-749.
- Malanca, A., Gaidolfi, L., Pressina, V. and Dallara G. 1996. "Distribution of  $^{226}\text{Ra}$ ,  $^{232}\text{Th}$ , and  $^{40}\text{K}$  in soils of Rio Grande do Norte (Brazil)". Journal of Environmental Radioactivity, 30(1996), 55-67.
- Mann, W.B., Ayres, R.L. and Garfinkel, S.B. 1980. Radioactivity and Its Measurement (Second Edition). Great Britain : Pergamon Press.
- Marovic, G., Sencar, J., Franic, Z. and Lokobaner, N. 1996. "Radium-226 in Thermal and Mineral Springs of Croatia and Associated Health Risks", Journal of Environmental Radioactivity, 33(1996), 309-317.
- Mays, C.W. and Rowland, R.E. 1985. "Cancer risk from the lifetime intake of Ra and U isotope", Health Physics, 48(1985), 635-647.

Miah, F.K., Roy, S., Touhiduzzaman, M. and Alam B. 1998. "Distribution of Radionuclides in Soil Samples in and Around Dhaka City", Applied Radiation and Isotopes, 49(1998), 133-137.

Moon, D.S., Burnett, W.C., Nour, S., Horwitz, P. and Bond, D. 2003. "Preconcentration of radium isotopes from natural waters using MnO<sub>2</sub> Resin", Applied Radiation and Isotopes, 59(2003), 255-262.

Organization for Economic Cooperation and Development. 1979. Exposure to radiation from the natural radioactivity in building materials. Report by Group of Experts of the OECD Nuclear Energy Agency. OECD, Paris, France.

Örgün, Y., Altinsoy, N., Gültekin, A.H., Karahan, G. and Celebi, N. 2005. "Natural radioactivity levels in granitic plutons and groundwaters in Southeast part of Eskisehir, Turkey", Applied Radiation and Isotopes, 63(2005), 267- 275.

Park, C.J., Oh, P.J., Kim, H.Y. and Lee, D.S. 1999. "Determination of <sup>226</sup>Ra in mineral waters by high-resolution inductively coupled plasma mass spectrometry after sample preparation by cation exchange", Journal of Analytical Atomic Spectrometry, 14(1999), 223-227.

Paul, E.B. 1969. Nuclear and Particle Physics. Holland : North-Holland Publishing Company Company LTD.

Quindos, L.S., Fernandez, P.I., Soto, J., Rodenas, C. and Gomez, J. 1994. "Natural radioactivity in Spanish soils", Health Physics, 66(1994), 194-200.

Rybäck , L. 1988. Determination of the heat production rate. In: Haenel, R., Rubach, L., Stegenga, L. (Eds.), Handbook of Terrestrial Heat-Flow Density Determination. Kluwer Academic Publishers, Dordrecht, pp. 125-142.

- Selvasekarapandian, S., Sivakumar, R., Manikandan, N.M., Meenakshisundaram, V., Raghunath, V.M. and Gajendran, V. 2000. "Natural radionuclide distribution in soils of Gudalore, India", Applied Radiation and Isotopes. 52(2000), 299- 306.
- Singh, S., Singh, B. and Kumar, A. 2003. "Natural radioactivity measurements in soil samples from Hamirpur district, Himachal Pradesh, India", Radiation Measurements. 36(2003), 547-549.
- Singh, S., Rani, A. and Mahajan, R.K. 2005. " $^{226}\text{Ra}$ ,  $^{232}\text{Th}$  and  $^{40}\text{K}$  analysis in soil samples from some areas of Punjab and Himachal Pradesh, India using gamma ray spectrometry", Radiation Measurements. 39(2005), 431-439.
- Somlai, J., Horváth, G., Kanyár, B., Kovács, T., Bodrogi, E. and Kávási, N. 2002. "Concentration of  $^{226}\text{Ra}$  in Hungarian bottled mineral water", Journal of Environmental Radioactivity. 62(2002), 235-240.
- Sroor, A., El-Bahi, S.M., Ahmed, F. and Abdel-Haleem, A.S. 2001. "Natural radioactivity and radon exhalation rate of soil in southern Egypt", Applied Radiation and Isotopes. 55(2001), 873-879.
- Sroor, A., Afifi, S.Y., Abdel-Haleem, A.S., Salman, A.B. and Abdel-Sammad, M. 2002. "Environmental pollutant isotope measurements and natural radioactivity assessment for North Tushki area, south western desert, Egypt", Applied Radiation and Isotopes. 57(2002), 427-436.
- Tzortzis, M., Tsertos, H., Christofides, S. and Christodoulides, G. 2003. "Gamma-ray measurements of naturally occurring radioactive samples from Cyprus characteristic geological rocks", Radiation Measurements. 37(2003), 221- 229.

Tzortzis, M. and Tsertos, H. 2004. "Determination of thorium, uranium and potassium elemental concentrations in surface soils in Cyprus", Environmental Radioactivity, 77(2004), 325-338.

UNSCEAR 1988. The United Nations scientific committee on the effects of atomic radiation, sources and effects of ionizing radiation, United Nations, New York.

UNSCEAR 2000. The United Nations scientific committee on the effects of atomic radiation, Sources and effects of ionizing radiation, United Nations New York.

US. Environmental Protection Agency. 1976. Interim primary drinking water regulations. Washington, DC, EPA.570/9-76-003.

Veiga, R., Sanches, N., Anjos, R.M., Macario, K., Bastos, J., Iguatemy, M., Aguiar, J.G., Santos, A.M.A., Mosquera, B., Carvalho, C., Filho, M.B. and Umisedo, N.K. 2006. "Measurement of natural radioactivity in Brazilian beach sands", Radiation Measurements, 41(2006), 189-196.

WHO (World Health Organization) 2002. Guidelines for drinking water quality, third edition :radiological aspects.

Xinwei, L. 2005. "Natural radioactivity in some building materials of Xi'an, China", Radiation Measurements, 40(2005), 94-97.

Yang, Y., Wu, X., Jiang, Z., Wang, W., Lu, J., Lin, J., Wang, L. and Hsia, Y. 2005. "Radioactivity concentrations in soils of Xiaozhuang granite area, China", Radiation and Isotopes, 63(2005), 255-259.