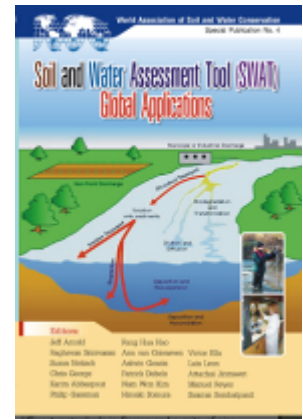


Soil and Water Assessment Tool: Global Applications ¹

(See specifications and prices for sending to various regions in p. 2)

A compilation of SWAT Model publications by Jeff Arnold, Raghavan Srinivasan, Susan Neitsch, Chris George, Karim Abbaspour, Philip Gassman, Fang Hua Hao, Ann van Griensven, Ashvin Gosain, Patrick Debels, Nam Won Kim, Hiroaki Somura, Victor Ella, Luis Leon, Attachai Jintrawet, Manuel Reyes and Samran Sombatpanit



“SWAT is the acronym for ‘Soil and Water Assessment Tool’, a river basin, or watershed, scale model developed by Dr. Jeff Arnold for the United States Department of Agriculture-Agricultural Research Service (USDA-ARS). SWAT was developed to predict the impact of land management practices on water, sediment and agricultural chemicals yields in large complex watersheds with varying soils, land use and management conditions over long periods of time (Neitsch et al., 2005).”

“SWAT is a continuation of nearly 30 years of modeling efforts conducted by USDA-ARS. SWAT has gained international acceptance as a robust interdisciplinary watershed modeling tool as evidenced by international SWAT conferences, hundreds of SWAT related papers presented at numerous other scientific meetings, and dozens of articles published in peer-reviewed journals. The model has also been adopted as part of the U.S. Environmental Protection Agency (USEPA) Better Assessment Science Integrating Point and Nonpoint Sources (BASINS) software package and is being used by many U.S. federal and state agencies, including the USDA within the Conservation Effects Assessment Project (CEAP). At present, over 400 peer-reviewed published articles have been identified that report SWAT applications, reviews of SWAT components, or other research that includes SWAT. SWAT has also been used extensively in Europe, including projects supported by various European Commission (EC) agencies. Several models including SWAT were used to quantify the impacts of climate change for five different watersheds in Europe and a suite of nine models including SWAT were tested in 17 different European watersheds (Gassman et al., 2007).” Several countries developed modified versions of SWAT like SWAT-Korea and SWAT-Germany.

Despite of the rise in usage of SWAT, it is mainly used by modelers in developed countries. The expensive cost of computer hardware and licenses for ARC-GIS software discouraged most developing countries to study it and made it virtually inaccessible to graduate and undergraduate students of these countries. Fortunately, Chris George from the United Nations University saw the prospects of SWAT. He and his colleagues developed a free open source interface to SWAT, consisting of the GIS system MapWindow and the MapWindow-SWAT interface MWSWAT, which was released in the web in July 2007. However, internet connectivity is not as dependable and available and SWAT training is needed in many developing nations. Hence, to accelerate the use of SWAT in the developing world a SWAT textbook will be published and distributed by the World Association of Soil and Water Conservation (WASWC). It will be a compilation of several SWAT materials that discuss SWAT fundamentals and MWSWAT; and reprints of an article on comprehensive literature review of world-wide SWAT applications, and articles on SWAT applications in Europe, Africa, China and India. It will also be accompanied by a DVD that contains MapWindow and MWSWAT software as well as other SWAT literature to supplement the SWAT textbook, plus other works of interest in the field of soil and water conservation within the framework of WASWC.

This textbook will be first distributed at the 1st International SWAT-Southeast Asia conference/workshop in Chiang Mai, Thailand², January 5-8, 2009 and at subsequent SWAT meetings, with pre-orders taken from the participants of the SWAT-China workshop/conference³ (October 15-19, 2008).

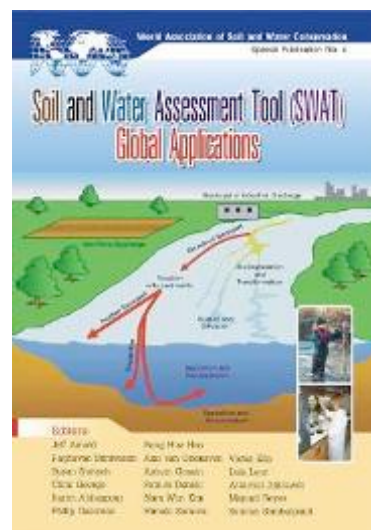
¹ This is made possible through support provided by: the United States Department of Agriculture-Agricultural Research Service (USDA-ARS), Texas A&M University, United Nations University, Chiang Mai University, Virginia Polytechnic Institute and State University (Virginia Tech), North Carolina Agricultural and Technical State University (NCA&T), World Association of Soil and Water Conservation, the United States Agency for International Development (USAID) and the generous support of the American People for the Sustainable Agriculture and Natural Resources Management Collaborative Research Support Program (SANREM CRSP) under terms of Cooperative Agreement Award No. EPP-A-00-04-00013-00 to the Office of International Research and Development (OIREd) at Virginia Tech, and terms of sub-award agreement 19070A-425632 between Virginia Tech and NCA&T.

² SWAT-SEA meeting (Chiang Mai, Thailand, January 5-8, 2009) see <http://www2.mcc.cmu.ac.th/swat/index.php> Contact Dr. Attachai Jintrawet at attachai@chiangmai.ac.th, attachaij@gmail.com and Dr. Manuel Reyes at mannyreyes@nc.rr.com.

³ SWAT-China meeting (Beijing, October 15-19, 2008) see [2008 SWAT Conference English Web site](http://2008swatconference.org/) Contact: Drs. Fanghua HAO or Yun ZHOU, School of Environment, Beijing Normal University, Beijing 100875, P.R. China. Tel.: 8610-58807937(O), fanghua@bnu.edu.cn, zhouyun@craes.org.cn and Dr. Raghavan Srinivasan, Texas A&M University, USA. r-srinivasan@tamu.edu

Price of one set of SWAT book+DVD for countries in Tier A and Tier B (based on the World Bank), in US\$ (The book is of A5 size, 415 pp., weighing approx. 450 g)

Book price	Tier A countries	Tier B countries
Normal price	10	8
Price for co-publishers NOT involved in SWAT	9	8
Price for SWAT workshop/ conference organizers and sponsors/ contributors/ co-publishers of SWAT book	8	8



Note: 1. Postage, handling & insurance costs will be added.
2. The price in Thailand is THB 280 per set, including delivery.

Cost of postage (from Thailand), handling and insurance for one set of SWAT book+DVD by airmail and surface mail, US\$/set (the same rate for one set or more)

Destination	Airmail	Surface mail*
Western Hemisphere and some remote countries	8.00	5.00
Europe, Africa, Australia, Middle East, Oceania	7.00	4.50
Asia (except Asean countries and the Middle East)	6.00	4.00
Asia (Asean countries)	5.00	3.50

*Allow approx. 2 months for the book(s) to reach USA and the rest of the Western Hemisphere, and somewhat less so for other destinations. Sending to some countries by surface mail may not be advisable. Please check with Samran Sombatpanit (sombatpanit@yahoo.com).

TIER LIST Please see if your country/territory belongs in this list; ask us if not certain.

Tier B (All countries/territories not listed here are in Tier A)

Afghanistan, Albania, Algeria, Angola, Antigua & Barbuda, Argentina, Armenia, Azerbaijan • Bangladesh, Barbados, Belarus, Belize, Benin, Bhutan, Bolivia, Bosnia & Herzegovina, Botswana, Bulgaria, Burkina Faso, Burundi • Cambodia, Cameroon, Cape Verde Islands, Central African Republic, Chad, Chile, China-People's Republic of, Colombia, Comoros, Congo, Congo-Dem Republic, Costa Rica, Cote D'Ivoire, Croatia, Cuba, Czech Republic • Djibouti, Dominica, Dominican Republic • Ecuador, Egypt, El Salvador, Equatorial Guinea, Eritrea, Estonia, Ethiopia • Fiji Islands • Gabon, Gambia, Ghana, Grenada, Guatemala, Guinea, Guinea-Bissau, Guyana • Haiti, Honduras, Hungary • India, Indonesia, Iran, Iraq • Jordan • Kazakhstan, Kenya, Kiribati, Korea-DEM. REP. (North), Kyrgyz Republic • Lao PDR, Latvia, Lebanon, Lesotho, Liberia, Libya, Lithuania • Macedonia, Madagascar, Malawi, Malaysia, Maldives Island, Mali, Marshall Islands, Mauritania, Mauritius, Mayotte, Mexico, Micronesia Fed States, Moldova, Mongolia, Montenegro, Morocco, Mozambique, Myanmar • Namibia, Nepal, New Guinea, Nicaragua, Niger, Nigeria, Northern Mariana Islands • Oman-Sultanate of • Pakistan, Palau, Panama, Papua, Paraguay, Peru, Philippines • Rep-Brazzaville, Romania, Rwanda • Saint Kitts and Nevis, Saint Lucia, Saint Vincent & the Grenadines, Samoa, Sao Tome-Principe, Senegal, Serbia, Seychelles, Sierra Leone, Slovak Republic, Solomon Islands, Somalia, Sudan, Surinam, Sri Lanka, Swaziland, Syria • Taiwan, Tajikistan, Tanzania, Thailand, Timor-Lester, Togo, Tonga, Trinidad-Tobago, Tunisia, Turkmenistan • Uganda, Uruguay, Uzbekistan • Vanuatu, Vietnam • West Bank /Gaza • Yemen • Zambia • Zimbabwe

Pls send your order to Samran Sombatpanit (sombatpanit@yahoo.com, samran_sombatpanit@yahoo.com).