

The International Award from Japan Society of Hydrology and Water Resources has given to Dr. Yasunari -For his long-term contribution toward the activities in the GAME-

Dr. Tetsuzo Yasunari, Program Director of the Hydrological Cycle Research Program received the International Award from Japan Society of Hydrology and Water Resources on August 30th, 2006. His receiving is based upon the "significant contributions in elucidating the current status on energy and water cycle processes related to water resources and water disasters over the Asian monsoon region and promoting the development of related-modeling studies through planning and implementing the activities of an international joint research project, GEWEX Asian Monsoon Experiment (GAME)".

GEWEX Asian Monsoon experiment (GAME) is the Asian-first integrated continental-scaled observational experimental project, under the umbrella of Global Energy and Water Cycle Experiment (GEWEX), one of the sub-programs of the World Climate Research Programme (WCRP). At the same time, GAME is the Japan's first international cooperative project, under which researchers in the fields of hydrology and water resources as well as meteorology closely cooperated with each other, with the supports of researchers, meteorological agencies, and hydrological agencies in Asia.

In its first phase, GAME established continental-scale experimental research areas at four areas including Siberian Taiga forests and Tundra area, Tibetan plateau, Huai-he River basin in China, and Chao Phraya basin in Thailand. In addition, observational researches including the Intensive Observing Period (IOP) in 1998 contributed to accumulate data related to energy and water cycle processes. In the second phase of GAME (2002-2004), more detailed analysis and modeling studies of energy and water cycle processes between atmosphere and land surfaces in the Asia Monsoon region were carried out, using TRMM satellite data and GAME reanalysis data, as well as other observational data.

These results were compiled into 38 project reports, 7 CD-ROMs and special editions of science magazines (Journal of the Meteorological Society of Japan and Hydrological Processes). At the same time, the project produced tremendous amounts of scientific and/or technological outputs. 267 related research papers were published in international peer-reviewed scientific journals, and 57 doctoral theses and 94 master's theses were issued in Japan. The GAME in Japan had been carried out mostly under the Grants-in-Aid for Scientific Research (KAKENHI), and at its post-project evaluation committee of MEXT, GAME project was obtained highest ratings with the reason that comprehensive and intensive data required for developing climate and hydrological models were well collected and analyzed under the close cooperation/collaboration of the project team. The models are applicable to climate change phenomenon caused by, for example, deforestations, and the project produced satisfactory outcomes. Since the data also have important social value that will lead to the development of weather forecasts as well as the preservation of eco-systems, the future release and systematization of the data are highly expected.

As the leaders of both GAME International Scientific Panel and Japan GAME National Committee, Dr. Tetsuzo Yasunari, the recipient of the prize, has assumed a leading role on bringing together researchers studying Hydrology, Water Resources, and Meteorology, within and outside of Japan, and brought about the great success of this international cooperative project to reach a milestone.



Frontier Newsletter No.30

Date of issue: October 2006

Produced & Published by: Frontier Research Center for Global Change (FRCGC),

Japan Agency for Marine-Earth Science and Technology (JAMSTEC)

Address: Frontier Research Bldg. 2F, 3173-25 Showa-machi, Kanazawa-ku, Yokohama-city, Kanagawa, 236-0001, Japan

TEL: +81-45-778-5700 FAX: +81-45-778-5497 For inquiries: Attn. Ms. Waki and Ms. Hori

Homepage: <http://www.jamstec.go.jp/frcg/jp/> E-mail: frgcnl@jamstec.go.jp

Edited & Printed by: Tokyo social welfare corporation colony Tokyo Ota welfare factory