

Development of Hydrological Model for Ungauged Large Rivevr Basins on the Base of **BTOPMC** Model

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INTRODUCTION

This research is a part of the 5-year project **RR2002** funded by Japanese government. It focuses on model development for Asia Monsoon watersheds to predict the effects of natural and human-made changes on basin water resources. The **Mekong River** is one of the two study basins. A physically based distributed hydrological model **BTOPMC**, Block-wise use of TOPMODEL with Muskingum-Cunge method, is used as a basis for developing a hydrological model for the 795,540 square km Mekong River. The long-term objective is to develop a hydrological model for **PUB** (Prediction in Ungauged Basins),

a 10-year program initiated by IAHS in 2002, particularly for ungauged large river basins.

OUTLINE OF THE BTOPMC MODEL

