



[返回首页](#) [关闭](#)

当前位置: [首页/公告通知](#)

## 学术报告 Spatially Distributed Watershed Model of Water and

发表日期: 2006-05-09 点击次数: 467

题目: Spatially Distributed Watershed Model of Water and Materials Runoff.

报告人: Dr. Thomas Earl Croley II, Research Hydrologist

单位: Great Lakes Environmental Research Laboratory, USA

时间: 7月4日上午9:00-11:00

地点: 2321会议室

联系人:

中科院地理科学与资源研究所

禹城综合试验站 罗毅64889880 luoyi@gsnrr.ac.cn

任萌64889029

Thomas Earl Croley II简介

Born 26 October 1946, Columbus, Ohio, USA

Education B.C.E., 1969 (Civil Engineering) Ohio State University

M.S. 1970 (Civil Engineering, Hydrology) Ohio State University

Ph.D. 1972 (Civil Engineering, Stochastic Hydrology) Colorado State University

Employment

08/72-08/76 Assist. Prof. & Res. Eng., Univ. of Iowa, Iowa Inst. of Hydraul. Res.

09/76-12/80 Assoc. Prof. & Res. Eng., Univ. of Iowa, Iowa Inst. of Hydraul. Res.

(03/79-03/80 Fullbright-Hays, University of Canterbury, Lincoln College, New Zealand)

01/81-present Research Hydrologist, Great Lakes Environmental Research Laboratory

(06-08/90 Visiting Scientist, Soviet Geophysical Comm., Moscow, USSR)

Research Interests Hydrology, Large Basin Runoff Modeling, Water Resources Forecasting, Operational Hydrology, Watershed and Lake Thermodynamics Modeling, Computer Science

Current Professional Service

1996-present Associate Editor, Journal of Hydrologic Engineering, ASCE

2001-present US Board Member, International Coordinating Committee on Great Lakes Hydraulic and Hydrologic Data (Hydrology Subcommittee 1993-present)

2000-present US Co-chairman, IJC Lake Ontario-St. Lawrence Regulation Study Working Group on Hydrology and Hydraulics Models

2000-present Member, ASCE Task Committee on Climate Variations, Climate Change and Water Resources Engineering

Current Professional Affiliations

American Institute of Hydrology (President Michigan Section)

American Geophysical Union

Ten Most-Relevant Publications

Croley, T. E., II, and C. He, 2005. A watershed surface and subsurface spatial intraflows model. Journal of Hydrologic Engineering, ASCE, (in press).

Croley, T. E., II, 2005. Great Lakes Advanced Hydrologic Prediction System. In ASCE Task Committee Report on Climatic Variability, Climate Change, and Water Resources Management (J. Garbrecht and U. Lal, Eds.), ASCE, Arlington, Virginia, 20 pp. (in press).

Croley, T. E., II, and C. He, 2005. Distributed-parameter large basin runoff model I: model development. Journal of Hydrologic Engineering, ASCE, 10(3):173-181.

Croley, T. E., II, C. He, and D. H. Lee, 2005. Distributed-parameter large basin runoff model II: application. Journal of Hydrologic Engineering, ASCE, 10(3):182-191.

Croley, T. E., II, 2003. Weighted-climate parametric hydrologic forecasting. Journal of Hydrologic Engineering, ASCE, 8(4):171-180.

Croley, T. E., II, and C. L. Luukkonen, 2003. Potential climate change impacts on Lansing, Michigan ground water. Journal of the American Water Resources Association, AWRA, 39(1):149-163.

Croley, T. E., II, 2004. Spatially Distributed Model of Interacting Surface and Groundwater Storages. Proceedings, World Water and Environmental Resources Congress 2004, June 27—

July 1, 2004, Salt Lake City, Utah, Environmental Water Resources Institute, American Society of Civil Engineers, Washington DC, 10 pp., Compact Disc.

Croley, T. E., II, and C. He, 2002. Great Lakes large basin runoff model. Proceedings, Second Federal Interagency Hydrologic Modeling Conference, Subcommittee on Hydrology of the Interagency Advisory Committee on Water Data, Las Vegas, 28 July—

1 August, 12 pp., Compact Disc.

He, C., and T. E. Croley II, 2002. A development framework for two-

dimensional large basin operational hydrologic models. Proceedings, Second Federal Interagency Hydrologic Modeling Conference, Subcommittee on Hydrology of the Interagency Advisory Committee on Water Data, Las Vegas, 28 July—1 August, 12 pp., Compact Disc.

Croley, T. E., II, 2002. Large basin runoff model. In Mathematical Models in Watershed Hydrology (V. Singh, D. Frevert, and S. Meyer, Eds.), Water Resources Publications, Littleton, Colorado, 717-770.