

<國際會議紹介>

“Physical Hydrology에 關한 International Symposium 紹介”

金 在 韓*

最近 水文學의 研究動向은 Physical hydrology 로 많은 學者들에 依하여 이루어 지고 있다는것을 考慮할 때, 우리나라도 이에 對한 研究가 時急하다고 하겠다. 이에 本 筆者는 앞으로 우리나라 水理, 水文學者들이 이 分野에 보다 많이 輩出되기를 期待하면서 두 개의 Physical Hydrology 에 關한 International Symposium 을 紹介한다.

① International Symposium on Hydrometeorology

Sponsored by
AMERICAN WATER RESOURCES
ASSOCIATION
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發表된 內容

- ①: 1982, 6월 13~17 일 사이에 Colorado Denver 에서 開催되었던 것을 例로서 提示해 보면,
- Hydrologic Model Parameters
 - Long Term Planning Methods for Water Quality
 - Water Supply and Water Resources
 - Drought and Climate
 - Forecasting Models
 - Instrumentation and Data Acquisition
 - Weather Modification
 - Acid Rain
 - Probable Maximum Precipitation and Frequency for Design

② International Symposium on Gas Transfer at Water Surfaces

Sponsored by
American Geophysical Union

- American Society of Civil Engineers
International Association for Hydraulic Research
- ②: 1983, 6월 13~15 일 사이에 Cornell 大學校에서 開催되었던 것을 例로서 提示해 보면,
- Turbulence Near Fluid Interfaces
 - Field Experiments and Observations
 - Physico-Chemical Phenomena
 - Predictive Models at Gas Transfer
 - Interfacial Structures and Motions
 - Application in Oceanography
 - Wave Breaking, Spray and Bubble Formation
 - Engineering Application: Stream Quality Modeling

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- development of effective algorithms for both spatial and temporal decomposition without destroying nonseparability,
- application and comparison of the cutting plane and the tangential approximation with existing applications, and
- incorporation of dynamic supply-demand relationships with changes of price in the objective function.

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