Information

Environmental sciences update references in Chinese journals

—Selected from Acta Scientiae Circumstantiae, ISSN 0253—2468; Environmental Chemistry, ISSN 0254—6108; Acta Ecologia Sinica, ISSN 1000—0933

(The address given in a reference is that of the first named author)

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Information

International Conference on Regional Science in Developing Countries

The objective of the conference is to discuss how techniques of regional science can be applied to urban and regional development in Third World Countries. It is increasingly recognized that the techniques developed in the industrialized world are of limited use in solving urban and regional problems in developing countries. This meeting will provide a forum where regional scientists and developmental specialists can discuss the changes in the theory and methods that are necessary to conform to the conditions in those countries. In addition to academics, administrators, government and non-government applicants are invited.

THEMES

The major themes of the conference will be:

1. Theories and techniques of regional and urban analysis.
2. Planning for regional development in the context of national development.
3. Multinational corporations' strategy and regional development in the context of national and global economy.
4. Rural and agricultural development with emphasis on rural industrialization and mutual cooperation.
5. Environmental and resource management.
6. Regional development (including infrastructure) policy.

DATE: October 11—14, 1993

PLACE: Peking University, Beijing, China.

CORRESPONDENCE

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International Cooperation Projects in Research Center for Eco-Environmental Sciences Chinese Academy of Sciences

1. CERP

The Cooperative Ecological Research Programme (CERP) is a joint plan to study the Man and Biosphere (MAB) ecosystem in our country, founded by Germany through UNESCO. The second-stage projects of CERP had been undertaken in 1991, including:

(1) Study on the Ecological Strategy for the Urban Development of Tianjin City

Exemplifying the large industrial city, it is to study the succession mechanism, cybernetic characteristics, and systems analytic methods of identification, simulation and planning, of the Social-Economic-Natural Complex Ecosystem (SENCE), to provide a series of operatable strategic measures for sustainable development.

(2) Water pollution of Heavy Metals and Ecological Effects

It is to study the ecological and environmental effects of the development of Dexing Copper Mine on the Le An River. A couple of studies has been completed such as physico-chemical process in mining areas, flow direction of heavy metals and its effects on the algae in Le An River and Poyang Lake.

2. Survey of the Planning of Treatment and Reuse of Industrial Wastewater

Under the agreement between the China State Commission of Science and Technology and the Japanese International Cooperation Agency, through the collaboration of RCEES with the Yanshan Petrochemical Industry Co. and the Taiyuan Municipal EPA, by exemplifying their respective chemical industrial district, to survey the technologies for wastewater treatment and reuse to propose the optimized options and the conceptional designs. This project was completed in 1991.

3. Collaborative Laboratory for Research and Development of Membrane Technology

Sponsored jointly by RCEES and Mark-plank Institute of Biophysics under the Marx-plank Society, Germany, and built up in RCEES. It is to jointly study the development and application of membrane separation technology. Under the Project, RCEES has sent a researcher to Pusch Laboratory for studying the mass transfer mechanism of separating membrane.

4. Impacts of Acid Rain on Lake and Forest Ecosystem

This is a joint project between the CAS (represented by RCEES) and the Japanese Ministry of Culture (represented by the Tokyo University of Agriculture and Industry) to conduct the site-observation of acid rain pollution in Chongqing City. It includes site monitoring of rain and air pollution, as well as their effects on such ecosystems as forest, soil and lake etc. It will provide the significant monitoring data of effects of rain on the forest and lake ecosystem, for decision makers to tackle acid rain and improve the environment.

(To be continued)