

BAOSHAN CUI

RESUME

BAOSHAN CUI is a research professor of environmental science at School of Environment, Beijing Normal University, and holds a Ph.D. in environmental science from Changchun Institute of Geography, Chinese Academy of Sciences (CAS). He has wide experience in some research organizations, including services as vice dean of School of Environment, BNU, vice director of Wetland Protection Professional Committee of China Natural Resource Society and Wetland Ecology Professional Committee of China Ecology Society, commissioner of National Wetland Science and Technology Expert Committee, member of Wetland Export Team in China State Forestry Bureau, and guest professor in Beijing Wetland Research Center.

Baoshan Cui's main research interest is in the field of wetlands, ecosystem design and management. He has established a reputation for proposing new methods of water level-habitat response simulation and ecological water requirements for marsh wetlands with little or lack of information. According to long term waves of water levels and functional degradation in lake, he puts forward the calculating method of ecological water requirements for lake based on functional integrity, and further establishes an assessment framework for reasonability of water replenishment in lake. Based on flood prevention and drought control, as well as meeting the minimum ecological water requirements for municipal water system, he explores and optimizes the river channel network in city by means of water system connectivity models. He is also developing the prediction and ideal models for ecological integrity change of river influenced by hydropower project, and a new method of ecological water requirements for river based on ecological characteristic index.

He has ever been involved in and finished about 30 projects such as "973" project of Ministry of National Science and Technology, key project supported by National Natural Science Foundation, and key project from Ministry of Water Resources. Now he is mainly in charge of one key project of National Natural Science Foundation and Water project of Ministry of Environmental Protection, China. He has published 4 books and over 180 scientific papers in international journals such as *Journal of hydrology*, *Ecological Engineering*, *Water Resources Management*, *River Research and application*, *Journal of Environmental Management*. He got the first prize (2003) and the second class prize (2008) of the Science and Technology Progress Award, as well as the first prize of Natural Science Award (2005) from Ministry of Education of China. In 2004, he was chosen to be one of New Century Excellent Talents from Ministry of Education of China. In 2008, he got the second class prize of National Science and Technology Progress Award.

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