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FRAUNHOFER WATER SYSTEMS ALLIANCE (SYSWASSER)



1 *Dried-up section of the River
Yongding, south of Beijing*

BEIJING WATER: OPTIMIZED MANAGEMENT OF WATER RESOURCES IN BEIJING

Fraunhofer Application Center System Technology AST

Am Vogelherd 50
98693 Ilmenau, Germany

Surface Water & Maritime Systems:

PD Dr.-Ing. Thomas Rauschenbach
Phone +49 3677 461-124
Fax +49 3677 461-100
thomas.rauschenbach@iosb-ast.fraunhofer.de

www.iosb-ast.fraunhofer.de

Background

There are many parts of the world in which rapid economic development is taking place, frequently associated with a population explosion. Where the area has an arid or semi-arid climate, there is a corresponding shortage of drinking water.

Sustainability and management of the water resources is essential to ensure the communities will be able to survive for further generations. The core elements of the water cycle and the technology of the water procurement, distribution and treatment should be viewed as a whole, or sustainability will not be achieved.

To meet the challenge of such complex and intricate management, the use of modern decision support methods and information systems is essential.

