

J. Gonzalez, Universidad de Castilla-La Mancha, Spain (Ed.)

III TWM Transboundary Waters Management

Acta of the III International Symposium on Transboundary Waters Management (2006)

2007. Approx 349 pp. (Published by: University of Castilla-La Mancha. Sold and distributed by: Aula Documental de Investigación). Hardcover. ISBN 978-84 931805-6-0

The natural distribution of water resources within a territory is often at odds with local water demands. This implies a need for waters management as a transboundary scale, taking resources outside the natural territories in which they flow or reside, and transcending the limits of sub-basins, basins or hydrological systems limits. Besides natural boundaries, water resource managers often face anthropogenic boundaries. Water resources are coupled with the larger reality of a region, including its environmental, social, and economic characteristics. Barriers presented by international borders, regional borders, or just competing uses require dealing with individuals, institutions and entities with various levels of responsibility. These natural and human boundaries are some of the factors to be considered in developing effective strategies for overcoming waters management boundaries.

The Third International Symposium on “Transboundary Water Management” (TWM) was devoted to identifying, exploring, and analyzing all the boundaries related to water management. The third symposium has served as an integrating element for the continuous transfer of knowledge on transboundary waters management, through the presentation of new ideas, technologies, and advancements in hydrological and water system modeling, management policies, integration of non-conventional water resources, public participation processes, water markets, water law, etc., while taking into account technical, environmental, social, and economic realities so that this knowledge could be applied in practice to water management.

The book contains 21 selected papers, which deal with a wide range of issues related to water management in a transboundary context. This Acta has been divided into six parts: Water Law and TWM, Government Mechanic for TWM, Resolving Transboundary Waters Conflicts, TWM and the EU-Water Framework Directive, Transboundary Aquifer Management, and Decision Support System for TWM. The set of papers proves an integral perspective of today water management boundaries in the world, and the way for implementing Transboundary Waters Management strategies. This work is expected to help in the effort of water managers, policy makers, experts, and researchers to overcome water management boundaries.