

ANNUAL REPORT OF THE COMMISSION ON GROUNDWATER IN URBAN AREAS

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Date and place of last meeting: During 37th Congress of IAH held in Hyderabad, India, 6-12 September 2009.

Next meeting: During 38th Congress of IAH to be held in Krakow, Poland, 12-17 September, 2010.

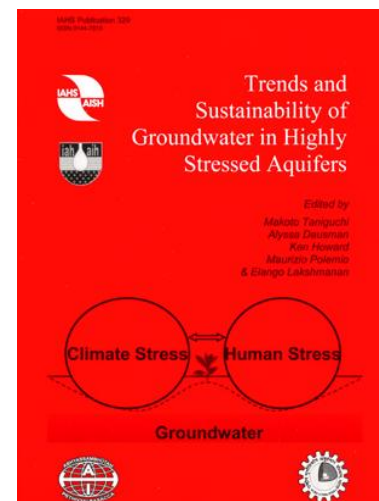
Activities and Outputs during calendar year 2009

This has been another busy year for IAH-CGUA. Members of the Commission continue to work earnestly on Commission goals. While much of the Commission work has been strongly linked with the UNESCO IHP programs, we continue to seek involvement in programmes supported by other agencies including NATO.

During 2009 we continued work on the “UGROW” monograph. This document was expected to be published in late 2009 but issues beyond our control at the publishers have delayed the publication date to the fall of 2010. This book is edited by Dubravka Pokrajac and Ken Howard, and includes major contributions from Commission members John Tellam and Leif Wolf. The anticipated title is URBAN GROUNDWATER SYSTEMS MANAGEMENT: UGROW - an advanced simulation and modelling tool.

In March, 2009, we held a International Workshop on Urban Water Management in Tehran, Iran. Lasting two days, the workshop was well attended and provoked considerable debate and discussion. It was organised by Kourosh Mohammadi of Tarbiat Modares University, Tehran.

In September, 2009, IAH-CGUA contributed to a symposium on “Trends and sustainability of groundwater in highly stressed aquifers” at the 37th IAH Congress in Hyderabad, India. The symposium was arranged jointly with the International Association of Hydrological Sciences and generated a publication: Taniguchi, M., Dausman, A., Howard, K.W.F. , Polemio, M., Lakshmana, 2009 entitled “Trends and sustainability of groundwater in highly stressed aquifers”. IAHS Publication 329, 312 pp.



Work has also begun tentatively with Makoto Taniguchi and Kourosh Mohammadi to prepare multi-author monographs on urban groundwater in cities of a) South-east Asia and b) the Middle East. Volunteer contributors are welcome. We also continue to explore possibilities for joint-Commission activities that would consider the sustainability of groundwater in coastal cities threatened by climate change and sea level rise.

As always, all members of the Commission are encouraged to contribute to the work of the Commission by either volunteering their efforts to existing activities or by initiating new activities that fall within the Commission’s mandate.

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