

UNESCO-IHP HELP PROGRAM SEMINAR June 2009 – Guadiana Basin, Portugal

STRENGTHENING WATER GOVERNANCE FOR SUSTAINABILITY

Évora, 24-26 June 2009

Program

24 June – Strengthening Water Governance for Sustainability

9.00 – 9.30 Session: Overview

Welcome and seminar opening – Dr José Ernesto D’Oliveira, Mayor of Évora
IHP-VII Core Themes and Focal Areas – Prof. Shahbaz Khan, Global Coordinator of HELP Programme

9.30 – 11.00 Session: Capacity development for improved governance; enhanced legislation for wise stewardship of water resources

Measuring governance in the context of Integrated Water Resources Management – Experiences from the Brahmaputra, Danube, Sesan and Tagus – Dr. Alistair Rieu-Clarke, UNESCO Water and Law Centre, Dundee

HELP Basin presentation: *A Little HELP for Good Water Governance: Catchment Management in the Tweed River Basin – Dr. Sarah Hendry, UNESCO Water and Law Centre, Dundee – European Regional Coordination Team*

HELP Basin presentation: *Restoring Environmental Flows and Improving Riparian Ecosystem of Tarim River - Dr. Zhang Jiebin, Vice Director of Water Resources Research Centre (WRRC-CCAS)*

Forum discussion on experiences, lessons and potential responses - led by Prof. António Gonçalves Henriques, President of Portuguese Environment Agency (APA)

11.00 – 11.30 Coffee break

11.30 – 13.00 Session: Managing water as a shared responsibility across geographical and social boundaries

Sharing transboundary waters in the context of asymmetrical power relations: lessons from the MENA region – Ana Elisa Cascão, Kings College of London, CEAUP

Cooperation within the Framework of the Luso-Spanish Convention of 1998. The Guadiana case – Amparo Sereno (Águas de Portugal / Univ.Católica Portuguesa)

HELP Basin presentation: *Integrated Water Resources Management in the Lower Burdekin, Australia – Dr. Keith Bristow (CSIRO, Australia)*

HELP Basin presentation – Prof. António Brito, Minho University (Douro, Portugal)

Forum discussion on experiences, lessons and potential responses – led by Prof. Jorge Matos, President of Portuguese Water Resources Association (APRH)

13.00 – 14.00 Lunch break

24 June (afternoon) – Strengthening Water Governance for Sustainability

14.00 – 15.30 Session: Multi-stakeholder dialogues and social learning for water governance and sustainability

Social learning and science in an English lowland catchment: The Eye Brook – Dr. Chris Stoate UK Head of Research for the Allerton Project Game & Wildlife Conservation Trust

Participatory design of water management alternatives in the Andarax basin, Almeria" - ALTAGUAX project – Dr. Nora Cawvenberg, Unesco-IHE Institute Water Education

HELP Basin presentation: *Stakeholders involvement for integrated water resources management: the case of the Panama Canal Basin* – Dr. Oscar Vallarino, Autoridad del Canal de Panamá

HELP Basin presentation: *Dealing with complexity and uncertainty in water management: the role of community knowledge and social learning* - Jeff Camkin (CSIRO, Australia)

Forum discussion on experiences, lessons and potential responses - led by Dr. Tiago Saraiva (Social Sciences Institute / ICS)

15.30 – 16.00 Coffee break

16.00 – 17.30 Session: Local capacity development for improved governance

The Potential for Increasing Social and Ecosystem Resilience: Lessons Learned from Transboundary Collaborative Planning and Institutional Assessment – Dr. Anne Browning, Environmental and Community Collaboration Udall Centre (SAHRA) University of Arizona

Hydraulic infrastructures and local expectations of development: the case of the Guadiana's estuary – Dr. João Craveiro and Dr. Alvaro Pereira (LNEC)

HELP Basin presentation – Lefika Chetty, South African National Commission for UNESCO (Community programs – *Street Knowledge*)

HELP Basin presentation: *Summary of North American HELP basins activities and the HELP in Americas workshop last October* – Dr. Edwin Engman, HELP Regional Coordination Unit for North America

Forum discussion on experiences, lessons and potential responses - led Eng^a Alexandra Serra, Vice-President of Portuguese Water Resources Association (APRH)

17.30 – 18.00 Session: HELP in the Guadiana Basin

Introduction to HELP in the Guadiana Basin– Susana Neto, Guadiana HELP Basin Delegate

18.30 – 19.30 VISIT TO ÉVORA (walk)

25 Junho - SESSÃO DE DIVULGAÇÃO TÉCNICA E CIENTÍFICA
Planeamento e Gestão de Recursos Hídricos / River Basin Management



9.00 – 9.30 Sessão de abertura / Opening Session:

Eng^a. Paula Sarmento, Presidente da ARH do Alentejo, I.P.

D. Eduardo Alvarado, Presidente da Confederación Hidrográfica del Guadiana (Espanha)

Eng^o. Rocha Afonso, Vice-Presidente do INAG / IHP National Focal Point

9.30 – 11.00 Sessão: Águas interiores (Inland Waters)

*Qualidade ecológica das linhas de água (Ecological quality in river basins) – Prof^a.
Manuela Morais (Univ. Évora)*

*A problemática dos caudais na gestão das bacias hidrográficas - experiência da NEMUS na
bacia do Guadiana (Water flow Management in the Guadiana Basin - NEMUS experience) -
Dr. Pedro Bettencourt (NEMUS, S.A.)*

*Fontes Poluidoras nas bacias drenantes do Sistema Alqueva-Pedrógão (Pollution sources in
Alqueva-Pedrógão system) - Eng^a Ana Ilhéu (EDIA, S.A.)*

*A análise económica da utilização da água para rega (Economic Evaluation of Water for
Irrigation) - Prof. Francisco Avillez*

**Forum de debate de experiências / Forum discussion on experiences – Moderado por Eng^a.
Simone Pio (APRH / Vice-President of ARH Tejo)**

11.00 – 11.30 Intervalo / Coffee break

11.30 – 13.00 Sessão: Águas subterrâneas (Groundwaters)

*Características Hidrogeológicas do Alentejo (Hydrogeology of Alentejo) – Prof. António
Chambel (Univ. Évora)*

*Salinização do Solo. Causas e processos de controlo (Soil salinization. Causes and control
processes) Eng^a Maria da Conceição Gonçalves (Instituto Nacional dos Recursos
Biológicos, I.P.).*

*Modelação do escoamento subterrâneo do aquífero Moura-Ficalho. Conclusões e cenários
futuros (Groundwater flow modelling of Moura-Ficalho aquifer. Conclusions and future
scenarios) – Dr. Augusto Costa (LNEG)*

*Aspectos relevantes para os Planos de Gestão de Bacias Hidrográficas (The significant
issues for the River Basin Management Plans) – Prof. José Paulo Monteiro (Univ. Algarve)*

**Forum de debate de experiências / Forum discussion on experiences – Moderado por Prof.
Luis Ribeiro (Grupo Português da Associação Internacional de Hidrogeólogos)**

13.00 – 14.00 Almoço / Lunch break

25 Junho (tarde / afternoon) - **SESSÃO DE DIVULGAÇÃO TÉCNICA E CIENTÍFICA -
*Planeamento e Gestão de Recursos Hídricos / River Basin Management***

14.00 – 15.30 Sessão: Alterações Climáticas, Seca e Desertificação (Climate Change, Droughts and Water Scarcity)

Os Impactos das Alterações Climáticas e possíveis Medidas de Adaptação (Impacts from Climate Changes and possible Adaptation Measures) - Prof. Rodrigo Oliveira (IST / APRH)

Conhecimento e desafios na Bacia do Guadiana – investigação aplicada em Geografia (Knowledge and Challenges in the Guadiana Basin – applied research in Geography) - Prof^a. Maria José Roxo (FCSH-UNL) e Dr. Afonso do Ó (e-GEO-UNL)

Projecto AQUASTRESS Project - Prof. Rodrigo Maia (Univ. Porto)

Forum de debate de experiências / Forum discussion on experiences – Moderado por Prof. Luís Veiga da Cunha (Universidade Nova de Lisboa)

15.30 – 16.00 Intervalo / Coffee break

16.00 – 17.30 Sessão: Litoral e Áreas Costeiras (Coastal Areas)

Gestão do Litoral do Algarve (Coastal management in Algarve) - Eng^a Valentina Calixto (Presidente da ARH do Algarve, I.P.)

A Eco-hidrologia e a avaliação dos impactos antropogénicos e climáticos em sistemas estuarinos e costeiros: o caso do Guadiana- Prof. Luis Chícharo (FCMA - Univ. Algarve)

Ferramentas de apoio à gestão integrada dos corpos de água (Integrated management tools for water bodies) - Eng^o Adélio Silva (Hidromod)

O litoral entre o Sado e o Mira: resultados de duas décadas de investigação geológica (The coast between Sado and Mira (SW Portugal): results of two decades of geological research) - Prof^a. Maria da Conceição Freitas (FCT-Univ. Lisboa)

Forum de debate de experiências / Forum discussion on experiences - Moderado por Prof^a. Eduarda Beja Neves (Vice-Presidente da Associação Portuguesa dos Recursos Hídricos - APRH)

18.00 Encerramento / Closing Session

Eng^a Paula Sarmento

Prof. Shahbaz Khan

26 June – Innovations through UNESCO-IHP HELP

Working Day for Help Delegates, Speakers and Chairpersons only

9.00 – 14.30 VISIT TO ALQUEVA DAM (including a stop for lunch)

15.00 – 17.00 Final Session: Cultural, societal and scientific responses to the crisis in water governance

This session will include lessons drawn from the seminar and opportunities to facilitate improved communication between Help Basins

15.00 – 15.30 Report on day 1 – Susana Neto and Jeff Camkin

15.30 – 16.00 Report on day 2 – André Matoso and Paula Sarmento

16.00 – 17.00 Discussion and Conclusions

17.00 – 17.30 Final key-note speech: *Innovations through UNESCO-IHP HELP* – Prof.. Shahbaz Khan

Location and Venue of the Seminar - Évora

The Seminar will take place in Évora, a city south of Lisbon and located in the Guadiana River Basin

The Venue will be at the Hotel:

M'AR De AR Muralhas ****

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Organizing Committee

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