



EMWIS Flash - November 2005

Euro-Mediterranean Information System on the
know-how in the Water Sector

EMWIS is a program of the Euro-Mediterranean Partnership.

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HEADLINE

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1. **The Conference of the water directors of the 35 EuroMed countries and the European Commission** has been held the **24 and 25 November 2005 in Rome** within the framework of the celebration of the 10th birthday of the Euro-Mediterranean partnership. The Water Directors welcome the highly positive results of EMWIS, its strategy for the 10 next years and reaffirmed their commitment for future developments, including the strengthening of national water information systems, analysing the launching of a regional water observatory, improving the coherency between the Euro-Med Partnership policy and that of the Mediterranean Action Plan, involving the Mediterranean countries not signatory of the Barcelona declaration: (Libya and Balkan countries). Finally, the governance structures of EMWIS were renewed, with 3 new countries in the Steering Committee: Egypt, Israel and Lebanon. The Water Director of France, Pascal BERTEAUD took the Presidency of EMWIS Steering Committee. For further information and to download the resolutions adopted, please visit [EMWIS web site](#).

Up

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IN BRIEF

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2. The Euro-Mediterranean Information System on the know-how in the Water sector –EMWIS– has 20 National Focal Points, 15 of them having launched a national water information service available on the web. An information seminar aiming to raise awareness of the benefits of exchanging know-how and information among the main stakeholders of the Turkish water sector will be held on **15 December in Ankara (Turkey)** on the joint initiative of **EMWIS** and **the DSI (State Hydraulic Works)** that belongs to the Ministry of Energy and Natural Resources. This will also be an opportunity to present the recent evolution of the water sector in Turkey as well as the projects of the MEDA regional programme for local water management implemented in Turkey. See [the web page](#) of this seminar for further information.

3. In order to mobilise and raise awareness among the Lebanese water sector stakeholders on exchange of information and know-how, **the Lebanese Ministry of Energy and Water** jointly organised with **EMWIS**, an **information seminar in Beirut November 10, 2005**. This event was widely covered by the press and national television. The recent reorganisations of the water sector, **the decennial Lebanese water strategy**, the assistance to the water institutions and an initiative of public-private partnership were presented. The main international projects implemented in Lebanon were also discussed with the participants; in particular an animated debate took place about the coordination of the projects. The speech of the Minister and the presentations are [available](#) online.

4. **The Euro-Mediterranean Summit to celebrate the 10th anniversary of the Barcelona Process** reached agreement on a Five-Year Work Programme for the further development of the partnership as well as on a Code of Conduct on Countering Terrorism. The Work Programme will allow work in the regional, Euro-Med framework to progress in full synergy and complementarity with the bilateral Action Plans developed under the European Neighbourhood Policy. It must be noticed that while the Euromed water directors stressed for more support for the water issues, this key sector have not been sufficiently addressed in the work programme. See [here](#) the whole

conclusions of this summit. You can check also the final documents at [the official website](#) of the Euro Mediterranean Summit (in English, French, Spanish and Arabic).

5. As a part of its quest to share valuable information and knowledge with regional experts on how to better involve the end-users in the management of water resources, EMPOWERS Partnership ([EMPOWERS](#) is one of [MEDA WATER projects](#)) organized its Regional Symposium in **Cairo, 13-17 Nov. 2005**. Adopting the title "Water is Everybody's Business," the Symposium brought together 66 practitioners, researchers and policy makers from 11 countries to discuss best approaches leading to incorporate rural communities and underprivileged groups in the management of their own local water resources. Thirty presentations were made through six plenary sessions to discuss the themes that are regarded pivotal for the attainment of end-users' ownership and involvement in integrated local water resources management (**LWRM**). Visit [EMWIS website](#) or visit [EMPOWERS website](#) for further information.

6. On 21 September 2005 the European Commission approved its detailed plans for implementing **the Seventh Framework Programme (FP7)**. Provisional versions of the four main Specific Programmes, "Cooperation", "Ideas", "People" and "Capacities", each corresponding to a major objective of European research policy, are [available](#) online. Technologies for managing resources or treating pollution more efficiently, **in relation to water**, soil, air, sea and other natural resources, or waste, are mentioned as one of the main targets of the environmental research. A Competitiveness Council meeting was held in Brussels on 28-29 November 2005 to discuss the Competitiveness and Innovation Programme and FP7 proposals as well as Specific Programmes. More information about it is already [available](#).

7. The European Union's NetWet 2 consortium (**Networking Perspectives of Transnational Cooperation and Participatory Planning for Integrated Water Resources Management**) deals with water-management issues by promoting better land use. It's jointly financed by local communities (75%) and national governments (25%). Several EU countries are especially interested in drought and flooding issues and the cultivation of tourism in river basins, among them France, Italy, Belgium, and Germany. The Greek prefecture of Thesprotia is now trying to learn from their example to control industrial pollution in the Kalamas River. See [KATHIMERINI](#) for further information.

8. Heavy downpours caused **flooding in Italy's Imperia Province**. In Sanremo and Ventimiglia, several roads were partially blocked by landslides, while the streets of Ventimiglia were awash with **stormwater and sewage**. In Bordighera, soil washed down hillsides to block drains, leaving some streets ankle-deep in water. See [SAHRA News Watch](#) for further information.

9. The Government of **Lebanon** is connecting five ministries through an e-government system that aims to cut costs by streamlining their procurement processes and opening them to more competitive bidding online. The first phase of the system, announced at [the World Summit on the Information Society](#), is being deployed with technical assistance and a **\$498.000 grant** from **the Development Gateway Foundation's** e-Government Grants Program, in partnership with the Government of Italy. See [Development Gateway release](#) for further information.

10. The European Investment Bank (**EIB**), the European Union's long-term financing institution, announces a **€50 million** loan to "Communauté Urbaine de **Lille**" to part finance the construction of three new waste treatment and processing facilities. The EIB has granted **€7.7 billion** in support of projects in the EU aimed at improving waste management and processing, the cleaning-up of sites and **water quality**. In **France**, the EIB has financed water management and/or waste treatment schemes in the conurbations of Belfort, Cergy-Pontoise, Chartres, Lille, Lyon, Melun, Nancy, Nantes and St Germain-en-Laye. See [EIB's release](#) for further information.

11. A first seminar in support of **Morocco's water**, power and sanitation utilities was held in Rabat on 9 and 10 November 2005. It was organised jointly by the European Investment Bank (**EIB**) and

InWEnt (Internationale Weiterbildung und Entwicklung gGmbH), in close collaboration with the Moroccan Ministry of the Interior (Department of Utilities and Services under Concession). This seminar represented the first stage of a training programme focussing specifically on the utilities' management and organisation. It was aimed at interactively identifying needs with a view to targeting the future training as effectively as possible. Three pilot utilities will also be analysed in greater depth to this end. As part of its environmental policy, the EIB has focussed its lending strategy in Morocco on medium-sized cities in which the wastewater treatment service is managed by autonomous municipal establishments (utilities). See [EIB website](#) for further information.

12. Adopted in Florence (Italy) on 20 October 2000, **the European Landscape Convention** is aimed at promoting the protection, management and planning of European landscapes and organising European co-operation on landscape issues. It is the first international treaty to be exclusively concerned with all dimensions of European landscape. It applies to the entire territory of the Parties and relates to natural, urban and peri-urban areas, whether on land, water or sea. It therefore concerns not just remarkable landscapes, but also ordinary everyday landscapes and blighted areas. The Seminar on "The contribution of Albania to the European Landscape Convention" is organised by the Council of Europe – Spatial Planning and Landscape Division – in co-operation with the Ministry of Environment of the Republic of **Albania** and with the support of **the MedWet Coast Project**. See [EMWIS news section](#) for further information.

13. The **UK's** largest ever **water management project** to protect one of the most important wetland sites in East Anglia is almost complete. Over 3.000 hectares of the Norfolk Broads at Halvergate Marshes will have water levels raised so that the wetlands are preserved and enough water can be stored there to ensure an adequate supply even during drought years. Work has been taking place over the summer and is now mostly complete. It should be fully operational by next summer, officials say. See [EDIE website](#) for further information.

14. A group of **Israeli, Palestinian and French scientists** have proposed a possible management solution to ameliorate **the water quality crisis** depriving residents of **drinkable water in the Gaza Strip**. The study is published in the September-October 2005 issue of the journal Ground Water. This special theme issue contains 14 papers on **transboundary ground water**. See [Science Daily](#) for details.

15. The European Commission recently decided to allocate **€40.55 million** (nearly \$50 million) to a Facility to support the rebuilding of public infrastructure in **Gaza**. Priority will be given to labour intensive, fast disbursing projects aimed at restoring the provision of essential services. The main sectors concerned are transport, **water supply and sanitation**, energy, and public buildings. This Facility could also provide interest rate subsidies for EIB ([European Investment Bank](#)) infrastructure projects. See [EIB's release](#) for further information.

16. **Scientists from the Middle East** have formed a task force to promote **research on water resources**, and have agreed to create **an online forum** to improve science education in the region. The plans were announced at a conference held on the Mediterranean island of Malta from 5-10 November. Its purpose was to **encourage scientific collaboration** and **promote peace** between nations. See [the website of Scidev](#) for further information.

17. **Veolia Water** has been awarded the contract to manage the water services for Kunming, a city with over 3.5 million inhabitants and the capital of Yunnan province (south-west China), under a public-private partnership. The 30-year contract, which was awarded following an international competitive bidding process, is set to generate revenues totalling over **€1.6 billion** over the period. See [WaterOnLine](#) for further information.

18. Two Specific Targeted Research Projects developing innovative technologies for alternative water sources have recently started following **the 3rd call for proposals of the FP6 priority "Global Change and Ecosystems"**, which encouraged co-operation with third country partners.

The project **RECLAIM WATER** (“Water reclamation technologies for safe artificial groundwater recharge”) features a consortium of 16 partners, including organisations from Australia, China and Israel, coordinated by Rheinisch-Westfälische Technische Hochschule Aachen - RWTH (Germany). The objective of this project is to develop hazard mitigation technologies for water reclamation providing safe and cost effective routes for artificial groundwater recharge. The consortium will assess different treatment applications in terms of behaviour of key microbial and chemical contaminants. For further information, contact the project co-ordinator [Thomas Melin](#). The project **GABARDINE** (Groundwater artificial recharge based on alternative sources of water: advanced integrated technologies and management) is implemented by a consortium of 14 partners, including organisations from Israel and Palestine, coordinated by the University of Göttingen (Germany). The objective of this project is to identify alternative sources of water (surface water runoff, treated effluent and imported water, brackish water bodies) to be artificially recharged and to investigate the feasibility, both environmental and economic, of their utilization. Four test sites have been selected for investigation and practical application of the approach. For further information, contact the project co-ordinator [Martin Sauter](#).

19. The European Commission has decided to boost the development and application of European membrane bioreactor processes for municipal wastewater treatment by selecting two Specific Targeted Research Projects, **AMEDEUS** (“Accelerate membrane development for urban sewage purification”) and **EUROMBRA** (“Membrane bioreactor technology (MBR) with an EU perspective for advanced municipal wastewater treatment strategies for the 21st century”). The two consortia gather 25 European universities, research centres, enterprises and MBR plant operators. Furthermore two Australian universities and one South-African university are involved. For further information, contact the project co-ordinators: [Boris Lesjean](#) for AMEDEUS and [TorOve Leiknes](#) for EUROMBRA.

20. A common vision document for the whole **European water industry** together with a **strategic research agenda** have been drafted by the five working groups of the Water Supply and Sanitation Technology Platform (**WSSTP**), consisting of water sector experts and representatives of water sector stakeholders. The vision paints a picture of what could be achieved by 2030 if resources for research and development resources would be made available and targeted to respond onto the issues and challenges that the European water sector is facing. The strategic research agenda describes the research that must be undertaken to realise that vision. Interested parties were invited to provide comments to the drafts of both documents, so as to the specific documents produced by each working group of the Platform, by 04/11/2005. So as it has been done for the drafts, the final version of the documents prepared by the Platform will be available at [the web site](#).

21. **TIGER** initiative uses **ESA satellite data** to improve availability and management of **African water resources**. On 3 October 2005, 95 participants coming from 31 countries discussed on how to translate scientifically oriented projects into usable information for practitioners in the field. See [the website of ESA](#) for more information.

22. The new web-based system presented at **ESRIN** (The European Centre for Earth Observation) will provide much more accurate and up-to-date **water level information** than has ever been possible before. The information will be available within three days of being measured by **Envisat**. The system may deliver water levels in less than six hours, using near-real time data from the precise orbit determination system aboard the satellite known as DORIS (Doppler Orbitography and Radio positioning Integrated by Satellite). See [the website of ESA](#) for more information.

23. The International Rainwater Harvesting Alliance (**IRHA**) participated in the first **European Solidarity Week for Water** in Strasbourg (a politically important city of the European Union), 15-21 October, as a guest of [the International Water Secretariat](#). The event was coordinated by [Solidarity Water Europe](#) & brought together representatives of European water & sanitation authorities, civil society & the political world. The objectives were to improve exchanges & solidarity between the different partners in the field of water resources management & to raise the awareness of the

general public as to the “reality” of Europe’s water situation & the investments needed. IRHA participated in workshop 3: “Access to drinking water & sanitation for all: mobilisation of various partners & stakeholders, decentralization of decision-making power & the use of appropriate, low-cost technologies.” The week ended with the presentation of the participants’ and organisers’ recommendations to the Council of Europe. These will be used in the preparations for [the 4th World Water Forum to be held in Mexico](#) next year.

24. University of Navarra researcher, Xabier Sevillano, recently defended his PhD thesis on a novel procedure for the **elimination of organic waste from water**. The chemist's work involved studying how one of the most noxious substances, phenol, could be eliminated. National and European legislations limit the dumping of this product. Nevertheless, many companies generate this toxic product in such a way that contamination of water by phenol is frequent. To fight this contamination, Xabier Sevillano developed a bioreactor - a polymer capable of retaining the organic contaminants. On the surface of this polymer there arises a series of micro-organisms that destroy the phenol, removing the toxin from the flow of water which thus recovers its healthy state. See [EurekAlert website](#) for further information.

25. Envisat ASAR Global Monitoring Mode rapid-revisit images employed as part of ESA's Dragon Programme have charted **the hydrological cycle** of China's largest freshwater body, Poyang Lake, whose area fluctuates more than threefold annually. Read more at [ESA](#) website.

26. The database on Capacity Development for **Water in Agriculture** is a joint initiative of the Water Resources, Development and Management Service of **FAO** and the International Programme for Technology and Research in Irrigation and Drainage (**IPTRID**). It is a meeting point for both people in search of capacity development opportunities for water in agriculture and those offering courses/events in this area. The database contains relevant information on course/event provider, duration, target group as well as contact information in order to obtain further details. For more information, visit [the website](#) of FAO, or write to: CapDevWater@fao.org.

27. Five years after its publication, **the World Commission on Dams recommendations** are influencing various governments, financial institutions and communities around the world. The International Rivers Network (IRN) call on the World Bank which walked away from the report, despite being one of the original sponsors of the Commission, to review its aggressive new dam-building strategy in line with WCD guidelines. See [IRN website](#) for further information.

Up

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NOMINATIONS & VACANCIES

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28. The French Water Director **Eng. Pascal Berteaud** has been nominated during the Euro Med Conference of water director held in Rome last 24 & 25 November, **President of EMWIS Steering Committee**. For further information see [the website](#) of the conference.

29. Eng. **Mohamad Thafer Al Alem** has been nominated **Minister of Water and Irrigation in the new Jordanian Government**. For further information see [the website](#) of the Ministry of Water & Irrigation.

30. The French Magazine "**Environnement Magazine**" won **Press Prize Pro 2005** for the best editorial initiative in France. The association for professional press promotion gave this prize to this Magazine thanks to a series of articles on the application of the National strategy of Sustainable Development in the Ministries. See [Environnement-online](#) for further information.

31. The Danish [Mogens Peter CARL](#) was nominated head of the DG Environment of the EC.

32. Professor **Jan Szyszko**, has been nominated **Minister of the Environment** in the new Government of **Poland**. See [the website of the Ministry of Environment](#) for further information.

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PUBLICATIONS
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33. On the occasion of [the Euro Med Conference of Water Directors](#) held in Rome last 24-25 November, **EMWIS** has published a [newsletter](#). This publication provided in English and French, tackles the main activities of EMWIS and its historical background, as well as the challenges to be met in the future.

34. The first issue of [EMPOWERS](#) Insight, the regional magazine of EMPOWERS Partnership was recently published in hard copies and is now made [available online](#) hereunder.

35. **CIWEM's water reuse web pages** provide an in-depth look at water reuse and other alternative water supplies associated with sustainable water management. Each of the seven sub-sections focuses on a different topic and contains background information, illustrated case studies and references. Visit [this website](#) for further details.

36. "**Effect of Climate Change on River Flows and Groundwater Recharge**, A Practical Methodology: Trends in UK River Flows 1970-2002" is the title of a recent report published by UK Water Industry Research, that aims to detect trends in river flows for the period 1970 to 2002. The report describes an analysis of 47 river flow records and 10 groundwater observational wells that aimed to detect any early signals of climate change due to changes in the seasonal water balance. The main benefit of the study is that it provides a framework for the water industry to periodically review trends in river flow and compare these with a range of possible future climate scenarios. See [UKWIR website](#) for further details.

37. There were high expectations on the outcome of the [General Affairs and External Relations Council of November 21-22](#), putting a lot of pressure on the European Union to deliver on commitments as far as development is concerned. At first sight, the outcome seems to be positive. The Council and the Commission adopted the draft declaration on the [European Consensus on Development](#), the framework of the European development policy for the years to come. This 35 page document provides, for the first time, a joint vision for development, defining common objectives for development cooperation: poverty eradication, ownership, partnership, more and better aid, policy coherence and complementarity

38. [A new page](#) on **European finance for development** is now on line. It provides an overview of the main development finance institutions and instruments, featuring also information on what the EU is doing in relation to microcredit and microfinance.

39. The United Nations Development Programme "**UNDP**" put on line Good practices in support of the MDGs: advancing country-level action. See its [website](#) for full information.

40. **The World Summit on the Information Society** held in Tunis last 16-18 November 2005 has put online the conclusions in several languages. See [its website](#) to check it.

41. **Report of the Task Force on Financial Mechanisms** (TFFM): After WSIS, the TFFM was set up to address the issue of financing for the information society. Chaired by UNDP Administrator Mark Malloch Brown, and consisting of representatives of 13 governments and 11 multilateral organizations, CSOs and the private sector, the Task Force prepared a [report](#) on the issue for WSIS-2.

42. The World Bank published recently [a report](#) titled: "**Infrastructure and the World Bank: A progress report**".

43. A recent publication titled: "[The Water Crisis in the Gaza Strip: Prospects for Resolution](#)" is available now. This publication integrates the results of geochemical studies and numerical modelling to postulate different management scenarios for joint management between Israel and the Palestinian Authority.

44. **The French Ministry of Ecology and Sustainable Development** wished to widen the website of "[SAGE](#)" to the contracts of rivers and the innovating actions. This new site, dedicated to the tools of water integrated management, named from now on "[Gest' Eau](#)". The site is articulated around three concepts: - planning (the SAGE), - the programming (contracts of rivers) - and the building up (innovating actions).

45. Two recent EC FP5 publications are available: The R&D project **WADI** "Sustainability of European Irrigated Agriculture under **Water Framework Directive** and Agenda 2000" has published a book summarising the impact of the application of EU policies such as the Water Framework Directive and the Common Agriculture Policy on irrigated agriculture including detailed country case-studies. The electronic version is [freely available](#). The book published within the framework of the project **Aqualibrium** "European Water Management between Regulation and Competition" is aiming to present and discuss the role of private operators in the water sector within different national contexts. The [electronic version](#) can be downloaded.

46. A new version of the Guidance Document on **Eutrophication for consultation** has been published. It was agreed to propose the Water Directors to endorse the current contents of the Guidance, allowing for its publication as a CIS product. However, it will be proposed to review the Guidance in the future, taken into account the outcomes of the intercalibration exercise and other on-going activities that will have an impact in the methods and criteria to assess eutrophication. Read [the Status Box of the document](#) for more details. Contact [Jorge Rodriguez Romero](#) and [Ian Codling](#) for further information.

47. **The 4th World Water Forum** published the 2nd edition of the 4th World Water Forum's Media Newsletter FORUMEDIA. You can check it at [the website](#) of the World Water forum.

48. 11 reports have been published on the theme "**right to water**" at [the website](#) of the French Academy of Water. To know more contact [Henry Smets](#) or see [EMWIS Forum](#). On the same theme "right to water", IWA has just published a report titled: "**Right to water: An International and Comparative Study**". See [IWA website](#) for further information.

49. The English version of **Priority issues in the Mediterranean environment** "Final draft" is to be published very soon. This report is a product of the European Environment Agency (EEA) and UNEP/MAP. It aims to identify priority pollution zones and emerging issues in the Mediterranean Sea. The report does not attempt to give an overall state of the Mediterranean marine environment. Instead it addresses specific issues which are of main concern to the sustainable development of the region and which have been recognised as such in previous EEA reports. See [the website of EEA](#) for further information.

50. **Cap-Net** is an international network for capacity building in IWRM (Integrated Water Resources Management). It is made up of a partnership of autonomous international, regional and national institutions and networks committed to **capacity building in the water sector**. The Cap-Net web site has made available a list of training materials classified by water resources management subject areas. These materials are freely available but they request that you give full acknowledgement to authors and institutions that willingly share their expertise. The list is available through [the Cap-Net website](#).

CALL FOR TENDERS and PROPOSALS

51. **Grants for Strengthening Capacity in Water Resources Research Citizens** from Algeria, Benin, Burkina Faso, Cameroon, Chad, Comoros, Côte d'Ivoire, Djibouti, Egypt, Gabon, Gambia, Guinea, Guinea-Bissau, Libya, Mali, Mauritania, Morocco, Mozambique, Niger, Nigeria, Senegal, Sierra Leone, Somalia, Sudan, Togo, Tunisia and Uganda are eligible for grants of up to **US\$12.000** (€9.600) for work on various water issues from the Inter-Islamic Network on Water Resource Development. Apply before: **Saturday 31 December 2005**. See [IFS \(International Foundation of Science\) website](#) for further information.

52. The organisers of the International Workshop: "International Perspectives on Balancing Multiple Bottom Lines: Financial, Environmental, and Social Justice" which is organised under the umbrella of **the 5th World Water Congress** to be held in **10-14 September 2006** in Beijing (China), look for **potential speakers** who might be able to attend it. See the [Workshop proposal](#) and [an abstract](#) on the main issue of the workshop for further information. You can also contact [Cheryl K. Davis](#). You can finally consult [the official](#) website.

53. Call for "**Prix d'Hydrologie Henri Milon 2006**" organised by "Societe Hydrotechnique de France". This Prize recognises unpublished PhD theses in French in the field of Hydrology during the period from October, 2004 to September 2005. Interested candidates should contact [SHF](#).

CALL FOR PAPERS

54. **BALWOIS Conference on Water Observation and Information System for Decision Support** will be held in Ohrid, Republic of Macedonia, **23/26 May 2006**. The last call for papers is open till **15 February 2006** for receipt of the final presentations. Topics of interest are: Climate and Environment, Hydrological regimes and water balances, Droughts and Floods, Integrated water management, Lakes, Water protection and Eco-hydrology, Hydrological Modelling, Information Systems. All information on BALWOIS Information System is [available](#) on line, and on the conference itself also [here](#). Abstracts must be sent to [the secretariat](#).

55. **REUSED** (Remediation, Recycling and Reuse of EUropean SEDiments) organises "The European Sediments and Sentiments: Cleaning European Waters of Contaminated Sediments" to be held in Budapest (Hungary) on March 20-21, 2006. REUSED invites interested politicians, authorities, companies and persons to submit papers for this unique event. Speakers can attend the conference at 50% discount. No reimbursement can be made for travel and accomodation. Proposals for papers must be made no later than **December 10th, 2005**. Paper proposals are made by sending a 100 word abstract, including a personal resume and recent photograph of the speaker to info@briskevenets.nl. See [REUSED website](#) for further information.

TRAINING

56. **A Short course on Water recycling for urban applications** will be organised the days **13th & 14th December 2005** by the School of Water Sciences, Cranfield University, UK. This 2-day short course includes sessions on water quality standards, technology selection, public perception, and the economic analysis of reuse schemes. Discounted registration is available to a small number of delegates from developing countries. Further information available at [the website](#) of Cranfield University.

57. The UNESCO-IHE Institute for Water Education organises a **Short Course on Water Quality Assessment** will be held in Delft (The Netherlands) between 13 February & 3 March 2006. The objective of this three week course is to acquaint participants with the principles, techniques and management issues related to water quality description, monitoring and assessment. See [The website of UNESCO](#) for further information.

58. The UNESCO-IHE organises an **Online Short Course on Flood Modelling for Management**, from 2006-05-17 to 2006-05-26, This course is a postgraduate study ideally suited for flood managers, water managers, flood modellers, engineers and scientists dealing with floods. This course will address questions such as: How are floods generated and how do they develop in time? What are better ways of designing flood protection schemes using models? What models can be used for forecasting floods? How should model results be used to inform decision-makers? See [The website of UNESCO](#) for further information.

59. The European Association of Environmental and Resources Economists (EAERE), the Fondazione Eni Enrico Mattei (FEEM) and the Venice International University (VIU) announced their **annual European Summer School in Resource and Environmental Economics** for postgraduate students. The 2006 Summer School will take place from the 25th of June to the 1st of July 2006, at the VIU campus on the Island of San Servolo, in Venice. The theme of this Summer School is **Computable General Equilibrium Modelling in Environmental and Resource Economics**. Deadline for application: February 1st, 2006. See [EMWIS news section](#) for further details.

60. **Intensive Courses in Desalination**: Thermal processes and economics, management and economics, will be held in L'Aquila, Italy on July 26-27 of the next year. For further information see [EMWIS news](#) section.

Up

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EVENTS
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2005-12-01/04 - 4th Conference International Water History Association: Water & Civilization, Paris, France.
For more information, [click here](#).

2005-12-05/06 - Annual workshop of the SWIFT-WFD project, Berlin, Germany.
For more information, [click here](#).

2005-12-06/08 - 1st International Conference on Water Resources in the 21st Century, Cairo, Egypt.
For more information, [click here](#).

2005-12-12 - Workshop: Advanced wastewater technologies for the removal of organic contaminants and potential impact of the Water Framework Directive, Wiesbaden, Germany.
For more information, [click here](#).

2005-12-12/13 - International Workshop on Ground water resources in the Sahara, Ouargla, Algeria.

For more information, [click here](#).

2005-12-12/13 - Meeting on Water & Industry: Water and Agriculture in the region of Constantinois-Seybousse-Mellegue, Constantine, Algeria.

For more information, [click here](#).

2005-12-12/14 - GMES and New EU Member States, Warsaw, Poland.

For more information, [click here](#).

2005-12-12/15 - International Workshop on Water poverty & Social crisis, Agadir, Morocco.

For more information, [click here](#).

2005-12-13/14 - Short course on Water recycling for urban applications, Cranfield, UK.

For more information, [click here](#).

2005-12-14 - EUROMARKET final conference, Lausanne, Switzerland.

For more information, [click here](#).

2005-12-15 - Seminar on Water Information Systems of Turkey & EMWIS, Ankara, Turkey.

For more information, [click here](#).

2005-12-15/16 - The contribution of Albania to the European Landscape Convention, Tirana, Albania.

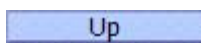
For more information, [click here](#).

2005-12-26/28 - The first International conference on Groundwater in the 21st Century, Alexandria, Egypt.

For more information, [click here](#).

2006-01-24/27 - The International Symposium on Groundwater Sustainability (ISGWAS), Alicante, Spain.

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