



**PSIPW**







# INTERNATIONAL WATER PORTAL



# History

The International Water Portal was originally envisioned as a database for water professionals, which was commissioned at the 1st International Conference on the Use of Space Technology for Water Management held in Riyadh in 2008.



المؤتمر الدولي لاستخدام تقنيات  
الفضاء في إدارة الموارد المائية  
International Conference on the Use of  
Space Technology for Water Management





## Development of the Portal - An Expanded Vision

A new vision for the database project was presented to COPUOS in Vienna in 2009. It was adopted and officially re-named the International Water Portal, to reflect its expanded scope.



## Vision of the Portal

**Vision:** To be the largest online community for everyone professionally involved with water.

**Goal:** To gather, in one place, everyone involved in water issues.

**Aim:** To enhance international cooperation, communication, and access to information.

**Mission:** To be a reservoir of information, a community, and a forum where organizations and specialists can share their knowledge and keep abreast of news and events in their areas of specialization.



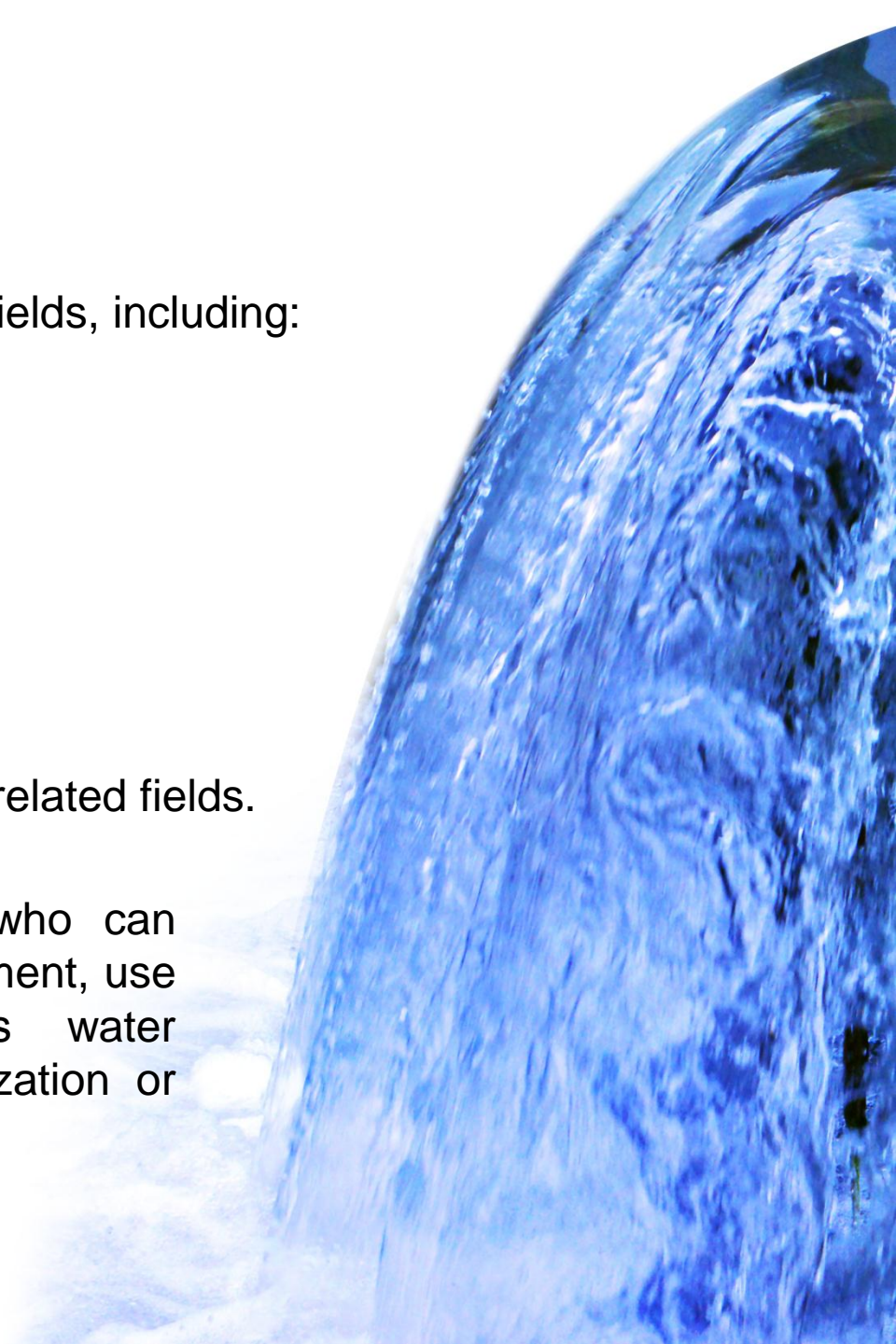
## Who Can Join?

All parties working in water-related fields, including:

- Researchers
- Water specialists
- University departments
- Research organizations
- NGOs
- Industries

The key word is “working” in water related fields.

The Portal welcomes everyone who can make a contribution to the development, use and protection of the world's water resources, whatever their specialization or field of activity might be.





# Home Page

Slideshow →

News items →

The screenshot shows the International Water Portal home page. At the top, there is a navigation bar with the portal's logo, UN and PSIPW icons, and a login form with fields for 'E-mail address' and a password, and a 'Login' button. Below the navigation bar is a main banner for 'WORLD WATER DAY' featuring a globe image and text about the annual event on 22 March. The main content area is divided into several sections: 'UNECE / FAO Forest and water week' with a palm tree image; 'Interview with Josefina Maestu' with a photo of the interviewee; 'World water day' with a globe image; 'Content Layouts' with a water flow image; and 'Test Article' with a photo of three men. On the right side, there is a 'BECOME A MEMBER' section with two buttons: 'Apply As Individual' and 'Apply As Organization'. Below this are sections for 'BENEFITS OF MEMBERSHIP' and 'MEMBERSHIP ELIGIBILITY', both containing numbered lists of details. At the bottom of the page, there is a 'SEARCH THE LIBRARY' and 'SEARCH MEMBER PROFILES' section with search forms and filters. A footer contains the 'Prince Sultan Bin Abdulaziz International Prize for Water Recognizing Innovation 5th Award - Nominations open until 31 January 2012' and the text 'You are here: Home' and 'Copyright (c) 2011 PSIPW by wonderweb'.

← Log-in

← “Become a member”

← Two search portals



## Benefits of Membership

1. Full access to the Water Portal library
2. The ability to access and share research
3. A personal page where each member can update information, upload notices, and share research.
4. Access to exclusive research opportunities.
5. Exclusive opportunities to act as referees for research and scientific awards.

**Apply As  
Individual**

**Apply As  
Organization**

# Personal Page

The International Water Portal:

- a database
- a research library
- a professional networking site

The screenshot displays the 'Personal Profile view' for Peter Piper. The page features the International Water Portal logo and navigation menu at the top. The main content area is divided into several sections: a profile picture, a 'Profile Description' with a personal summary, a 'Member Profile' table, a 'Contact Information' table, an 'Organization Information' table, and a 'Work Uploads' section. The 'Member Profile' table lists details such as Name (Dr. Peter Piper), Position (Researcher), and State/Province (Illinois). The 'Contact Information' table includes fields for Phone, Fax, Mobile phone, and Land phone. The 'Organization Information' table provides details about the organization, including Name (Tentlight Corporation), Category of organization (Company), and Organization address (1212 Wacker Dr, Chicago, IL 60606). The 'Work Uploads' section contains a document titled 'Bibliographic Citations in Water' with a detailed abstract discussing the compilation of opinions of founding scholars and the role of evidence and arguments in supporting collected rulings.

Personal Profile view  
(to display information)

The screenshot displays the 'Wall view' for Peter Piper, designed for professional networking. The page features the International Water Portal logo and navigation menu at the top. The main content area is divided into several sections: a profile picture, a 'Profile Description' with a personal summary, a 'Member Profile' table, a 'Contact Information' table, an 'Organization Information' table, and a 'Work Uploads' section. The 'Member Profile' table lists details such as Name (Dr. Peter Piper), Position (Researcher), and State/Province (Illinois). The 'Contact Information' table includes fields for Phone, Fax, Mobile phone, and Land phone. The 'Organization Information' table provides details about the organization, including Name (Tentlight Corporation), Category of organization (Company), and Organization address (1212 Wacker Dr, Chicago, IL 60606). The 'Work Uploads' section contains a document titled 'Bibliographic Citations in Water' with a detailed abstract discussing the compilation of opinions of founding scholars and the role of evidence and arguments in supporting collected rulings.

Wall view  
(for professional networking)

# The Library

The ever-growing library will include contributions from the Portal sponsors (the UN and PSIPW) and from its membership.



The screenshot shows the International Water Portal website. At the top, there is a navigation bar with links for HOME, NEWS, EVENTS, SEARCH, and MY IWP. The main content area displays three article entries:

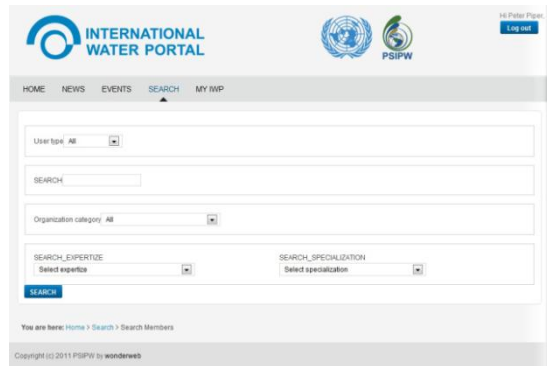
- Effects of water deficit on some growth characteristics of *Conocarpus erectus* and *Eucalyptus microth***  
The growth and physiological performance of *Conocarpus erectus* and *Eucalyptus microtheca* trees under deficit of irrigation water were studied through a field experiment lasted for a year. The treatments used in this experiment were three irrigation levels mainly at 100 mm evaporation (sufficient irrigation), at 200 mm evaporation (moderate water stress) and, at 400 mm evaporation (severe water stress) according to accumulation evaporation readings of a Class-A evaporation pan. The results showed that irrigation at 400 mm evaporation caused significant reductions in most of the growth characteristics of *C. erectus* and *E. microtheca* trees comparing with irrigation at 100 mm evaporation. On the other hand, irrigation at 200 mm evaporation only decreased branch and root dry weight, branch weight ratio, relative leaf water content and soil water content comparing with irrigation at 100 mm evaporation. The fraction of dry weight partitioned to the branches decreased due to water deficit while that partitioned to the roots increased. Root to shoot dry weight ratio increased with decreasing water availability. Relative growth rate decreased with increasing water deficit due to decreasing both specific leaf area and leaf area ratio. Both Relative leaf water content and soil water content were decreased with increasing water deficit. In most of the growth characteristics measured, *C. erectus* trees had lower values comparing with those of *E. microtheca* trees.  
Uploaded by: [Lufty El-Juhary](#)
- An Analysis of Precipitation Climatology in Jordan**  
The most important features in analysing the climatology of any region is to study the precipitation and its periodicity of different harmonics in order to study the behavior of the observed data. In this study the amplitude of frequencies, phase angle and basic statistical parameters are calculated in order to depict spatial characteristics of precipitation over Jordan. Precipitation records of 17 stations were chosen according to climatic regions of Jordan. The first and second harmonic analyses explain more than 90% of the precipitation variation in Jordan effectively. The amplitudes of the first and second harmonic were calculated in order to describe the climatic regions in the country. The maximum amplitudes were found in the northern mountainous region. The phase angle representing the time of maximum rainfall is also used in the form of a contour chart. It is found that Jordan has its main rainfall season in winter with maximum around January. The coefficient of variation shows the high variability of rainfall of the country.  
Uploaded by: [Qassem Tarawneh](#)
- REGIONAL WIND ENERGY ASSESSMENT TECHNIQUES WITH APPLICATION**  
The purpose of this paper is to estimate average wind speed in some parts of Jordan using a standard regional dependence function SRDF based on the concept of point cumulative semi-logarithm PCSV and semi-logarithm. The SRDF method gives weights for different regional sites depending on the distance from the pivot site, the closest site the largest the weights of the site, and these weights are used as predicting tools. This method gives good results in estimating wind speed in Jordan during most of months in the year except in summer. The method can be used also in determining the borders between the different wind regimes. The PCSV and SRDF graphs explain the transition zones between the climatic regions of Jordan. Key words: Cumulative semi-logarithm, estimation, Jordan, semi-logarithm, wind speed.  
Uploaded by: [Qassem Tarawneh](#)
- PSIPW Call for Nominations - 5th Award (2012)**  
PSIPW is an international scientific prize focused on rewarding innovation and judged by leading scientists from around the world. Five prizes are bestowed bi-annually: the Creativity Prize, which is open to a breakthrough in any water-related field, and four Specialized Prizes: the Surface Water Prize, the Groundwater Prize, the Alternative Water Resources Prize, and the Water Management & Protection Prize. The 5th Award Brochure presents the terms and conditions for the 5th Award as well as a description of the Prizewinners for the 4th Award (2010).  
Uploaded by: [Prince Sultan Bin Abdulaziz International Prize for Water](#)

At the bottom of the page, there is a search bar with the text "Search again" and a "Display # [ 20 ]" button. The footer contains the text "You are here: Home" and "Copyright (c) 2011 PSIPW by wonderweb".

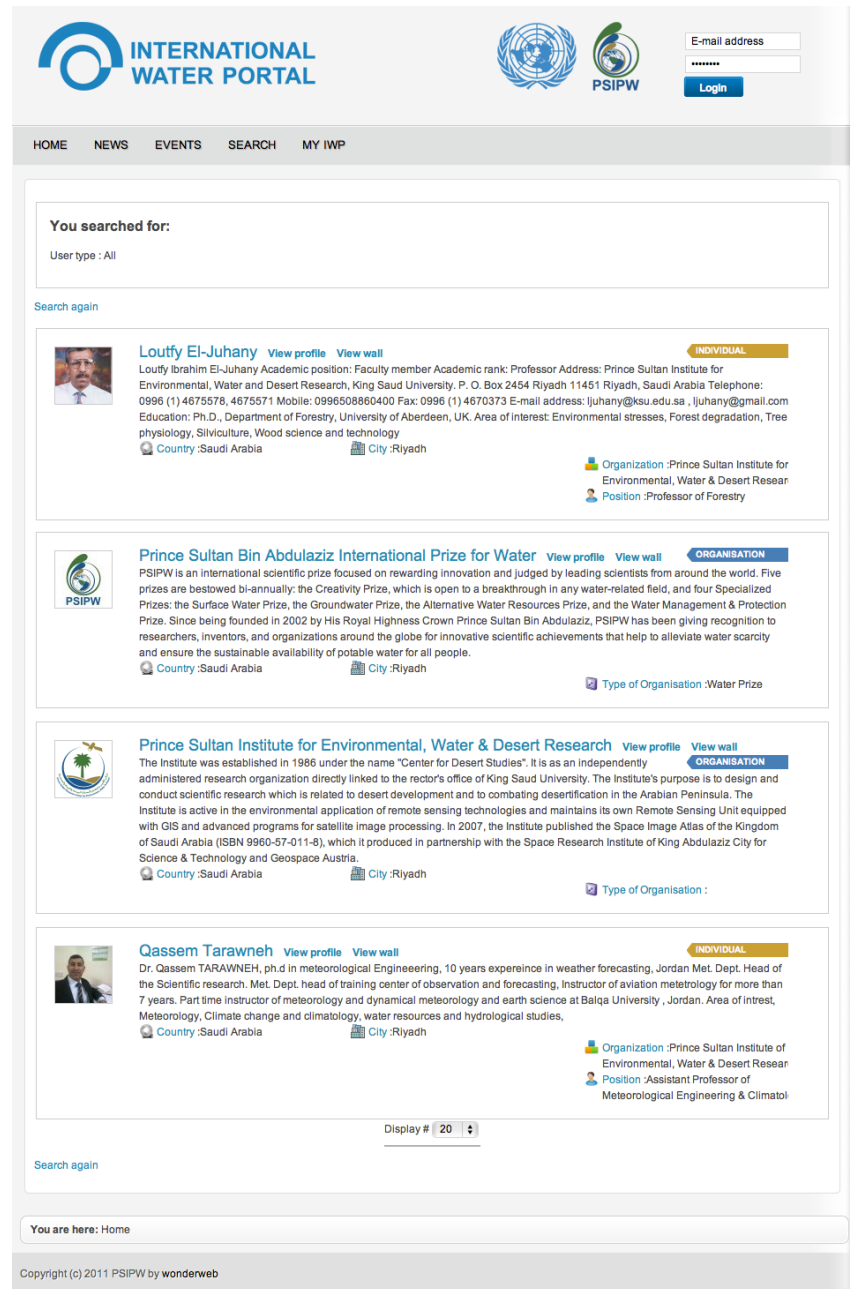
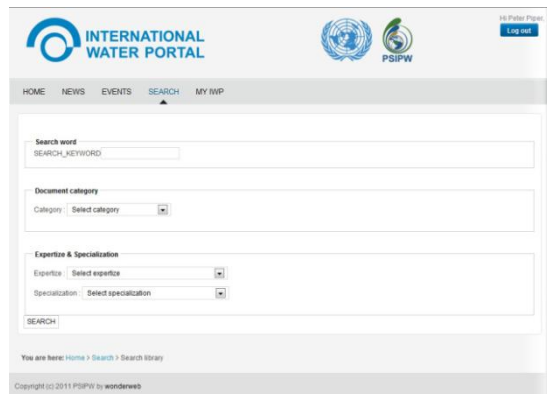


# Advanced Search Functionality

There are 2 detailed search interfaces: one for members...



...and one for the Portal's library.

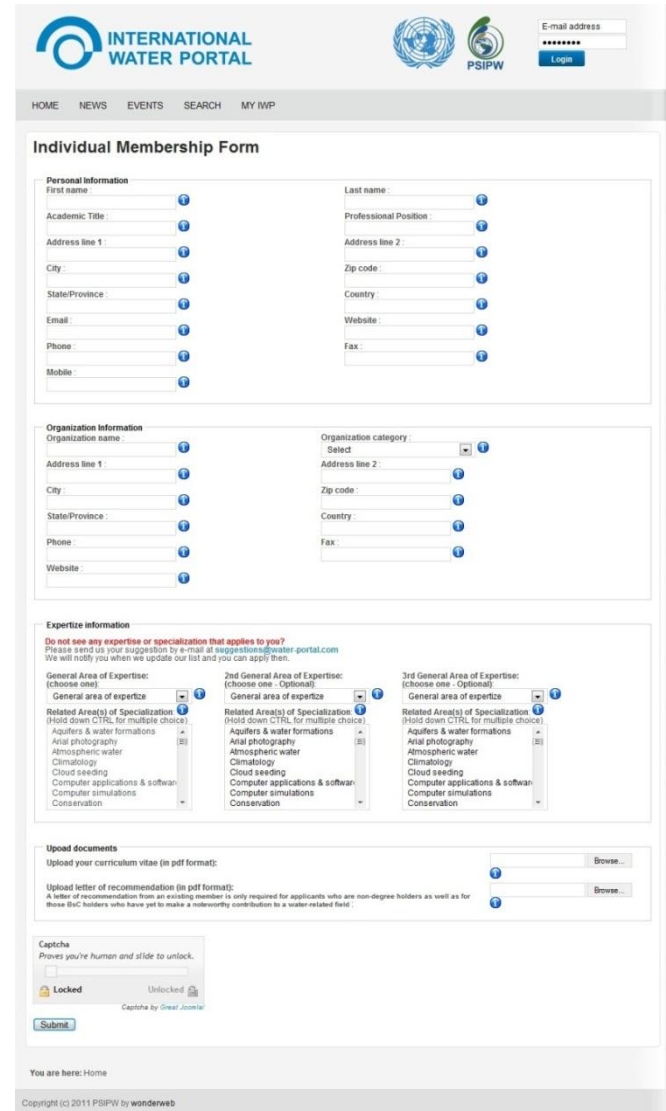


# Join the Portal

Please visit the International Water Portal at:

<http://water-portal.com>

We look forward to your participation & feedback.



The screenshot displays the 'Individual Membership Form' on the International Water Portal. The page header includes the portal's logo, navigation links (HOME, NEWS, EVENTS, SEARCH, MY IWP), and a login section with an email address field and a 'Login' button. The form is organized into several sections:

- Personal Information:** Fields for First name, Academic Title, Address line 1, City, State/Province, Email, Phone, Mobile, Last name, Professional Position, Address line 2, Zip code, Country, Website, and Fax.
- Organization Information:** Fields for Organization name, Address line 1, City, State/Province, Phone, Website, Organization category (a dropdown menu), Address line 2, Zip code, Country, and Fax.
- Expertize information:** A section with a note: 'Do not see any expertise or specialization that applies to you? Please send us your suggestion by e-mail at [experts@water-portal.com](mailto:experts@water-portal.com). We will notify you when we update our list and you can apply then.' It contains three columns of dropdown menus for 'General Area of Expertise' and 'Related Area(s) of Specialization'.
- Upload documents:** Two sections for uploading files in PDF format: 'Upload your curriculum vitae' and 'Upload letter of recommendation'. Each section includes a 'Browse...' button and a 'Submit' button.
- Captcha:** A section with the text 'Proves you're human and slide to unlock.' and a 'Submit' button.

At the bottom of the page, it says 'You are here: Home' and 'Copyright (c) 2011 PSIPW by wsdnerweb'.



# Space Technologies Most Welcome

Expertise Area: Applied Space Technologies

Expertise Area: Geomatics

Specialization: GIS

Specialization: Remote Sensing

The International Water Portal seeks members working in any way with space technologies to study and manage the Earth's water resources.





**Looking Forward to Working Together**



**PSIPW**

**Thank You**

