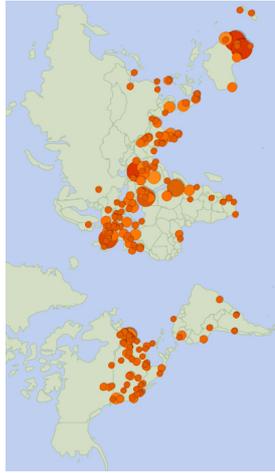


Sakia.org

Sakia.org is a widely used free and independent information and communication service in the area of 'land and water'. It is well established since 1994/95 and frequently visited by professionals from the national and international arena.



Its objective is to build capacity in science and engineering by means of information-sharing through publicly accessible quality information, free on-line applications and professional communications and discussions.

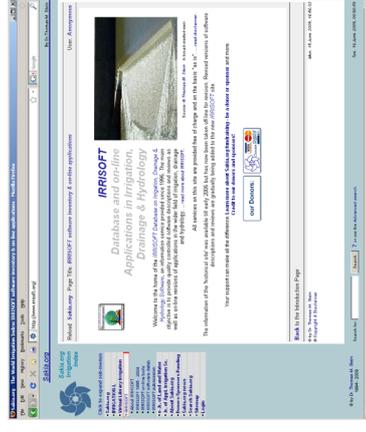
Technically it is placed in the wider water sector with the main focus on agricultural water management, irrigation, drainage, hydrology and related fields.

These technical areas are supported through Sakia.org services such as:

- **IRRIGATION-L** - professional discussions on irrigation and hydrology related topics;
- **VL Irrigation & Hydrology** - quality full text information on-line accessible for free;
- **e-Journal of Land and Water** - professional open access publishing on-line;
- **IRRISOFT** - quality software information and on-line applications, and
- **Miscellaneous services** - e.g. newsletter, Sakia.org e-publish, and more.

IRRISOFT software & online applications

Building capacity in science
and engineering by means of professional
information-sharing



Contact

Dr Thomas-M. Stein
- Manager IRRISOFT -
PO Box 508
Hanwood NSW 2680
Australia

Phone: +61 2 69630-881
Fax: +61 2 69630-781
Email: thomas-manuel.stein@sakia.org
WWW: http://www.sakia.org
ABN: 26 627 556 163



IRRISOFT - software & online applications

Building capacity in science and engineering by means of professional information-sharing.

Name

IRRISOFT - Database and on-line applications in irrigation, drainage & hydrology @ Sakia.org
<http://www.irrisoft.org>

Objective

The main objective of the *IRRISOFT* service is to provide freely accessible quality controlled software descriptions, reviews, download facilities as well as on-line versions of applications in the wider field of irrigation, drainage and hydrology.

It is a service predominantly for software packages which are available free of charge to the end user or where the price is limited to contributions towards expenses.

Description

IRRISOFT services date back as far as 1995 when more than 100 software packages were described in a unified structured way with the objective to provide the user with the best overview on software packages and tools available in the wider field of agricultural water management.

With the relaunch of the services in 2006, the new *IRRISOFT* server and services were intended to gradually extend the traditional database on software descriptions (inventory) by providing

additional functionality in the range of dedicated on-line applications. Hence, an new framework for a new generation of on-line applications thematically placed within the 'land and water' arena and freely accessible to the community, has been established.

IRRISOFT forms an integral part of the wider and independent Sakia.org group.

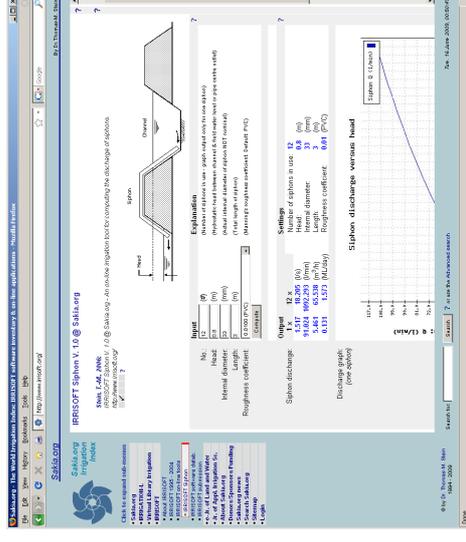
Software descriptions & reviews

IRRISOFT software descriptions and reviews are articles published on-line with the main objective of providing structured, quality descriptions and reviews of software packages listed at *IRRISOFT*. These small stand-alone publications contain enough content, details and references to give a clear picture on what the software package can do for whom and under what conditions. Each article may be cited and referenced through an unique document locator published alongside the article.

Access to the software descriptions & reviews:
http://www.irrisoft.org/irrisoft_sdp

On-line applications

To date, the majority of applications in the field of irrigation, drainage and hydrology have been written as stand-alone versions to be run on local workstations and PCs. However, improved and extended on-line versions are much more effective in reaching out to a wider audience of users as well as allowing for the implementation extended functionality and linkage of data sources. These new tools and applications can be accessed on-line and run directly in a normal web browser window and no local installations is required. An example of such a tool is given with *IRRISOFT* Siphon, a small irrigation tool which



IRRISOFT Siphon, an on-line tool to compute the discharge of one or a self defined number of siphons.

allows to compute the discharge of siphons online (see screenshot above).

Access to the on-line tools & applications section:
http://www.irrisoft.org/irrisoft_apps

Getting involved

Users, developers and institutions are invited to share their knowledge by writing reviews and descriptions of software packages they have used extensively and widely publish them through *IRRISOFT*. Publishing templates (SDP) are to be used which are available for download from the site. All submissions are subject to review and approval. Page and processing fees may apply.

Please do not hesitate to contact the *IRRISOFT* manager, listed on the back of this brochure, for any additional information or details on the publication and development process. Requests for cooperation are most welcome.