

# **Benchmarking CDPU & Web Site**

**<http://www.lk.iwmi.org:82/oibs/main.htm>**

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# Overview

- Review current status of CDPU
  - data base
  - web site
  - registered users & schemes
- Quick tour of web site
- Proposed Future Developments
- Discussion

**<http://www.lk.iwmi.org:82/oibs/main.htm>**

**Benchmarking CDPU accessible at**

**[www.iwmi.org](http://www.iwmi.org)**

**&**

**IPTRID Homepage**



## Online Irrigation Benchmarking Services

**Guidelines**

**Benchmarking  
Services**

**Benchmarking  
Results**

### Welcome to Online Benchmarking Systems

This initiative by the World bank, IPTRID, ICID and IWMI puts state-of-the-art system performance monitoring in the hands of practicing irrigation system managers.

**Add to Favorites**

**IPTRID**

**WORLD BANK**

**IWMI**

**ICID-CIID**

**FAO**

**CONTACTS**

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## Online Irrigation Benchmarking Services

### Yuanhua Welcome Back to Online Irrigation Benchmarking Services

This is The SQL Server based Centralized Benchmark<sup>®</sup> Data Processing System

#### Data and information exchange

The main aim of the benchmarking programme is to enable partner organizations to maintain data and access information that has been collected as part of the Benchmarking Initiative.

The CDPU database and user interface enables anonymous access to individual datasets provided by the partner organizations to view the results of comparative analyses of individual scheme performance against user selected schemes.

#### Summary of current Registered Schems

Region	Size of Scheme in (ha)		
Name of the Region	Less than 2,500	2,500> ha <10,000	Greater than 10,000
Africa	0	1	0
America	0	0	1
Asia	3	4	3
Australasia	1	0	0
C Asia	0	0	1

Login Verified - Proceed

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## Online Irrigation Benchmarking Services

### IWMI Irrigation System Benchmarking

#### Systems Owned by Current User :

Liu Yuan Kou  
Zhanghe

☒ ADD **New** System Description

☐ Edit **Selected** System Description

☐ **Remove Selected** System Description

☐ **Add/Edit** Season Data for System

Submit Selection



**NOTE :** If you have more **than one Scheme**, please select the appropriate one from the list on the **left Side**.

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## Online Irrigation Benchmarking Services

### Define your selection of Comparators for Benchmarking

#### Location Details:

<input checked="" type="radio"/>	All
By Region <input type="radio"/>	Asia
By Country <input type="radio"/>	China
By Agro Region <input type="checkbox"/>	Unknown
Water Source <input type="checkbox"/>	Groundwater
<input type="button" value="Submit"/> <input type="button" value="Clear / Reset"/>	

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## Online Irrigation Benchmarking Services

### Select Performance Indicators

#### Service Delivery Performance

- ☒ Total **Annual** Water Delivery (ml)
- ☒ **Main** System Water Delivery efficiency
- ☒ Relative **Water** supply
- ☒ Relative **Irrigation** supply
- ☐ Water Delivery **Capacity**
- ☐ **System Water Right**
- ☐ **Security** of supply ( $\text{m}^3/\text{s}$ )

#### Financial Performance

- ☒ Total Cost **Recovery** Ratio
- ☒ **Maintenance** cost to revenue ratio
- ☐ **Operating** cost per unit area (US\$/ha)
- ☐ **Total cost per person** employed (US\$/person)
- ☐ **Revenue** collection performance
- ☐ **Staffing numbers** per unit area (person/ha)
- ☐ **Average revenue** per unit water supplied (US\$/ml)
- ☐ **Remaining life** of assets

#### Agricultural Productivity Performance

- ☒ **Gross agricultural** production (Tonnes)
- ☒ **Total Value** of agricultural output (US\$)
- ☐ **Output per unit** command area (US\$/ha)
- ☐ **Output per cropped** area (US\$/ha)
- ☐ **Output per unit** irrigation supply (US\$/ $\text{m}^3$ )
- ☐ **Output per unit** water consumed (US\$/ $\text{m}^3$ )

#### Environmental Performance

- ☒ Quality I :Irrigation & drainage Salinity (EC)
- ☒ Quality II :Irrigation and Drainage BOD & COD (mg/litre)
- ☐ **Depth** to watertable
- ☐ Watertable **depth change** over time
- ☐ **Salt Balance**

☐ **Select / Deselect All Indicators**

Graphical

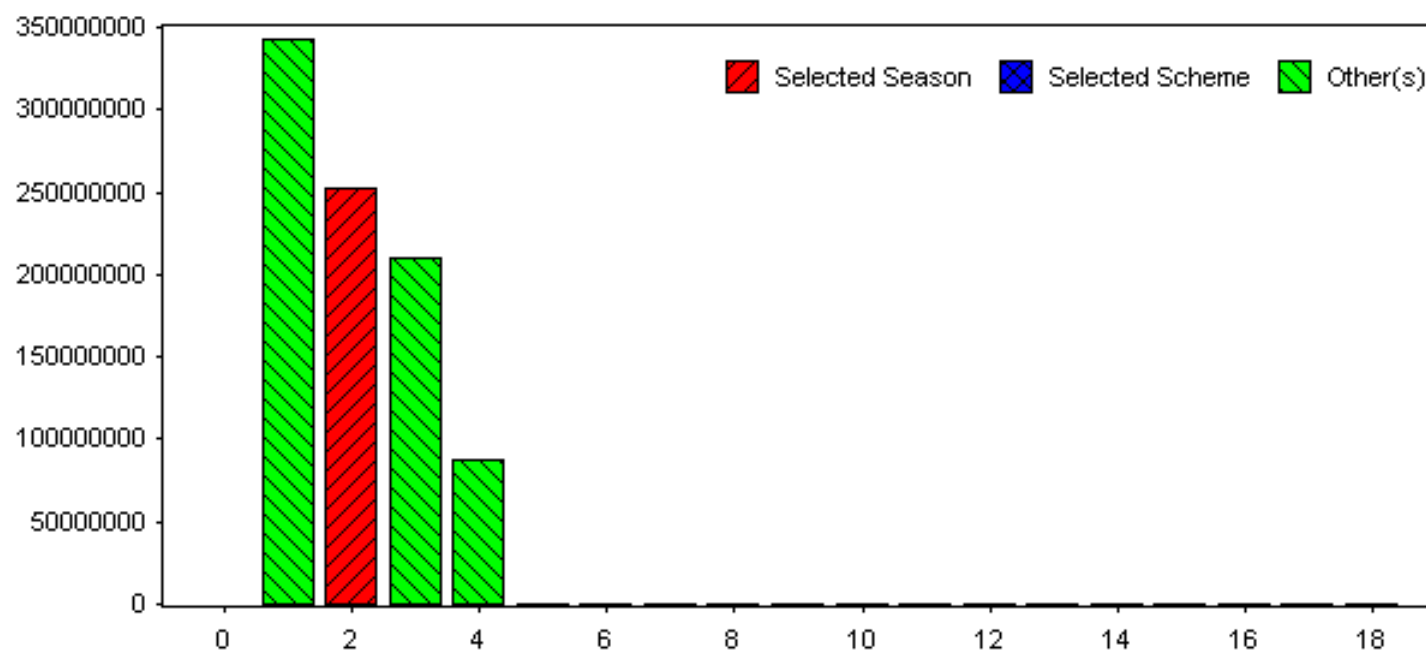
Tabular

Clear / Reset

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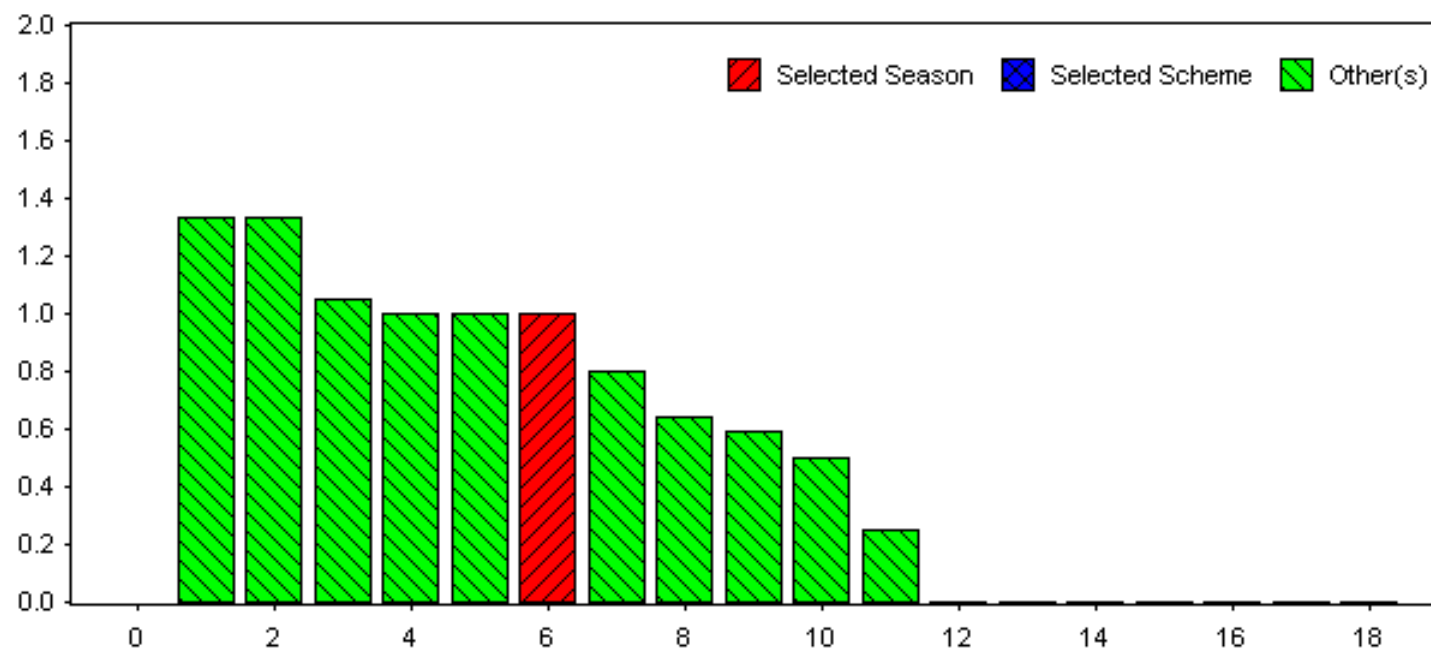






## Online Irrigation Benchmarking Services

Main System Water Delivery efficiency



# Registered Users

Users	Status			
Country	Browse	Full Access	Researcher	Grand Total
Africa	1			1
Asia	11	12	1	24
Australasia	3	2		5
Europe	8	12		20
N America	7	1		8
S America	1			1
WANA	2			2
Grand Total	33	27	1	61

# Schemes Registered in System

Scheme Name	Country	Region	Area (ha)
Boundoum	Senegal	Africa	2900
Giritale	Sri Lanka	Asia	3100
Kaudulla	Sri Lanka	Asia	5100
Kirindi	Sri Lanka	Asia	5182
Kiridi Oya - Lunugamwehera (new area)	Sri Lanka	Asia	5182
Minneriya	Sri Lanka	Asia	8980
Parakrama Samudra	Sri Lanka	Asia	10200
Genil-Cabra	Spain	Europe	15068
Liu Yuan Kou	China	Asia	30900
Zhanghe	China	Asia	163167

# Future Developments

- Expansion of User Base
  - On-going – support to Benchmarking partners
- Creation of News Group and FAQ page
  - June 2002
- Development of Off-line Data Entry System
  - July 2002 – release at ICID Montreal
- Benchmarking Resources Page
  - September 2002

**Thank you**

**Remember to visit and register with  
OIBS at:**

**[www.iwmi.org](http://www.iwmi.org)**