

# E-SURFMAR VOS DATABASE

Presentation and demonstration of the VOS ESURFMAR DATABASE

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**J.Pierre KERSERHO**

**Application Developer**



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# Purpose of the application

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## **EU VOS METADATA (WMO-No 47 Metadata format) IN A SHARED DATABASE :**

- **Access for authorized users to create or modify VOS METADATA**
  - ❑ Creation/Modification of single record through application interface : fill/modify the various Pub 47 fields of the WMO-No 47 Metadata format version 03
  - ❑ Importation of a set of records through files WMO-No 47 Metadata format version 03 (semi colon delimited, XML or VOSP002 exchange formats)
  - ❑ Importation of digital images of ships and instruments
  - ❑ Recording for concerning VOS , the GTS Identifiers parameters (MASKS)
- **Access for authorized users to display VOS METADATA**
  - ❑ Through query application interface, access to metadata and imported digital images and GTS data (MASKS) of a specified VOS
- **Access for authorized users to extract VOS METADATA**
  - ❑ Export result of a query in a file WMO-No 47 Metadata format version 03
  - ❑ Export all VOS of managed country in a file WMO-No 47 Metadata format version 03

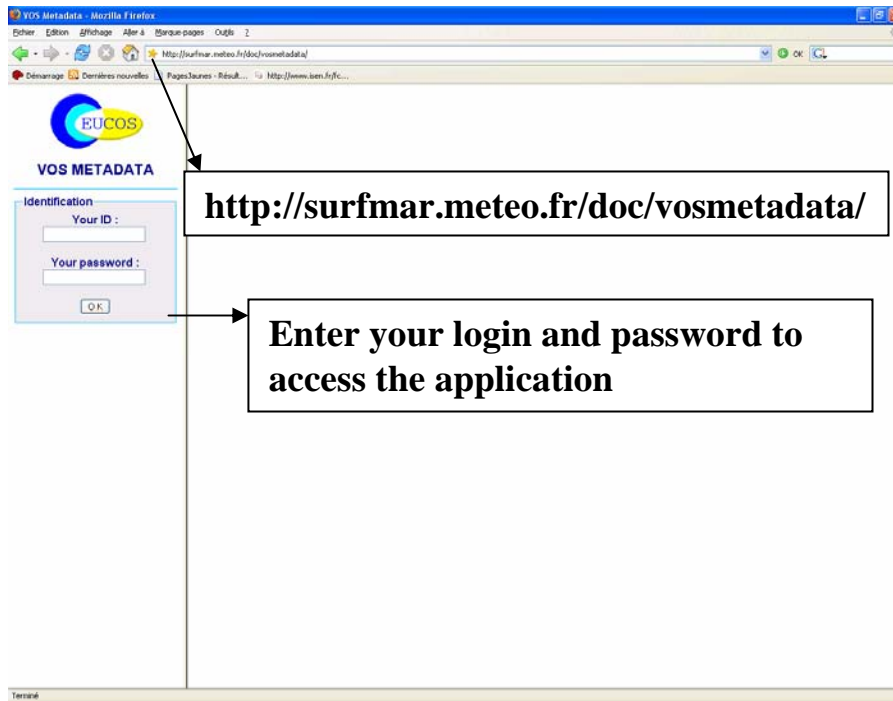
# Features

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- **Application operational on line since June 2008**
- **11 EU countries concerned ( plus NZ and AU )**
- **1544 EU VOS in the database (plus 82 VOS AU and 42 VOS NZ)**
- **25 Authorized users to access to application**
- **Monthly update of database from European VOS operator operational**
- **WMO ESURFMAR quarterly data transfer operational since 08/2008**

# Log in the application

## Access restrictions

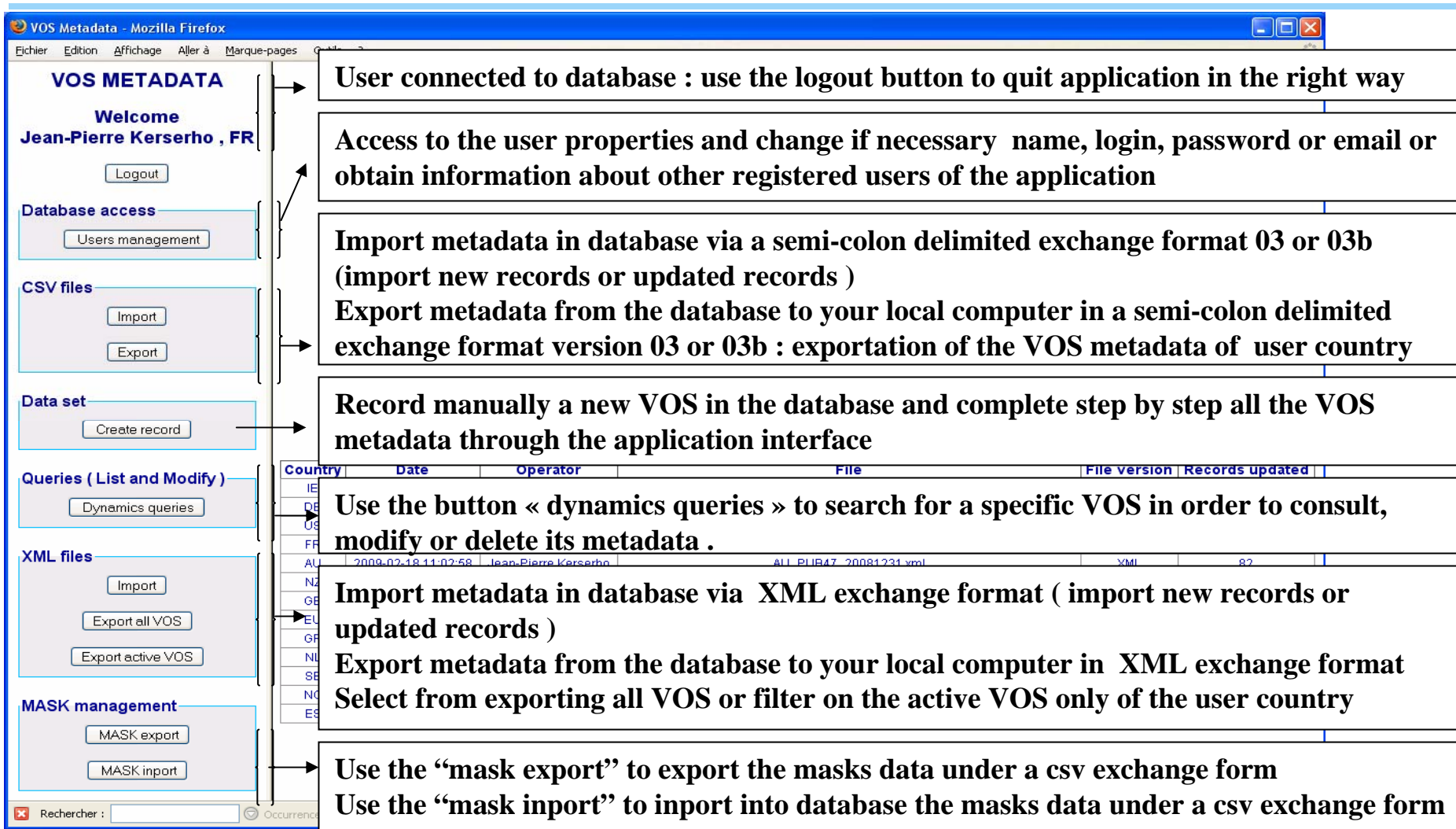


### Access Restrictions according to user profile define by administrator :

- ✓ VOS Display ( only VOS from user country or all )
- ✓ VOS modifications ( none, only VOS from user country or all )
- ✓ Files importation ( yes or no )
- ✓ Files exportation ( yes or no )
- ✓ GTS modifications ( no, only VOS from user country or all )
- ✓ GTS display ( no, only VOS from user country or all )

To obtain access to application, ask for a login and a temporary password to the application administrator ( mail to [jean-pierre.kerserho@meteo.fr](mailto:jean-pierre.kerserho@meteo.fr) and [Pierre.Blouch@meteo.fr](mailto:Pierre.Blouch@meteo.fr) ).

# Main functions of the application



**VOS METADATA**  
Welcome Jean-Pierre Kerseho , FR  
Logout

**Database access**  
Users management

**CSV files**  
Import  
Export

**Data set**  
Create record

**Queries ( List and Modify )**  
Dynamics queries

**XML files**  
Import  
Export all VOS  
Export active VOS

**MASK management**  
MASK export  
MASK import

Rechercher : Occurrences

Country	Date	Operator	File	File version	Records updated
IE					
DE					
US					
FR					
AL	2009-02-18 11:02:58	Jean-Pierre Kerseho	ALL_PUB47_20081231.xml	XML	82
NZ					
GE					
EU					
GF					
NI					
SE					
NO					
ES					

**User connected to database : use the logout button to quit application in the right way**

**Access to the user properties and change if necessary name, login, password or email or obtain information about other registered users of the application**

**Import metadata in database via a semi-colon delimited exchange format 03 or 03b (import new records or updated records )**  
**Export metadata from the database to your local computer in a semi-colon delimited exchange format version 03 or 03b : exportation of the VOS metadata of user country**

**Record manually a new VOS in the database and complete step by step all the VOS metadata through the application interface**

**Use the button « dynamics queries » to search for a specific VOS in order to consult, modify or delete its metadata .**

**Import metadata in database via XML exchange format ( import new records or updated records )**  
**Export metadata from the database to your local computer in XML exchange format**  
**Select from exporting all VOS or filter on the active VOS only of the user country**

**Use the “mask export” to export the masks data under a csv exchange form**  
**Use the “mask import” to import into database the masks data under a csv exchange form**

# Demonstration

<http://surfmar.meteo.fr/doc/vosmetadata/>



**Questions ?**

