Indicator Reporting Information System (IRIS) under UNEP Live

12th meeting of the Joint Task Force on Environmental Statistics and Indicators
18 November 2016, Geneva

Tomas Marques
Programme Officer, Science-Policy Interface
UN Environment, Europe Office
Email: tomas.marques@unep.org

UNEP Live

What is UNEP Live?

- *UNEP's on-line knowledge management platform*
- *Supports more dynamic, interactive assessment and reporting processes*
- *Focus on open access to global, regional and national environmental data and knowledge*
- *Includes a range of analytical, mapping, search, and visualization tools*
- *SDGs/ MEAs Synergies Portal*
- *Web intelligence portal*
- *Indicator Reporting Information System (IRIS)*

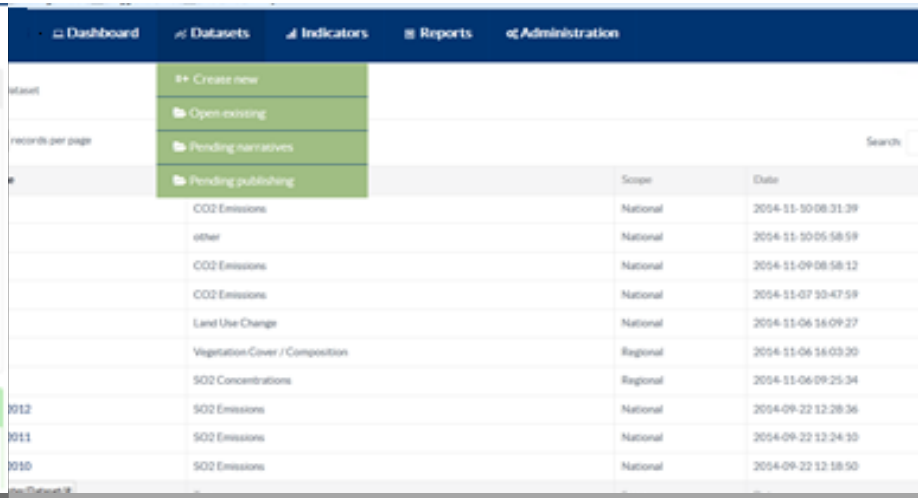
UNEP

www.uneplive.org

UNEP Live supports national reporting by offering countries an online system called IRIS

Indicator Reporting Information System

- The **IRIS** aims to help government ministries responsible for reporting on national, regional and global obligations, to collect, analyze and publish quality assured environmental information in a timely manner



Key value propositions for IRIS

National tool:

- IRIS technology will be transferred to interested countries so that they own and manage the software and its use locally (i.e. deployed on local servers).

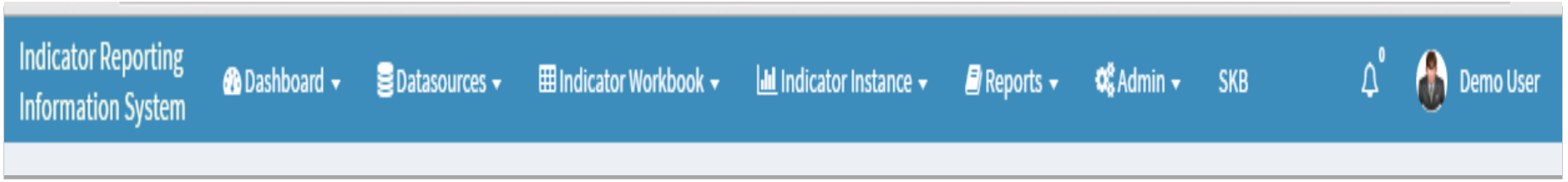
Automation:

- IRIS reduces the burden of routine reporting by automation. Once indicator definitions have been set up in an IRIS instance it is anticipated human interaction will be limited as the system will automatically calculate Indicator values and generate Indicator Instances.
- Once report templates are uploaded they can be used to generate automated periodic reports using the latest published indicator instance.

Improved data Sharing :

- IRIS provides users the ability (with user approval) to transfer data up the reporting hierarchy as part of the reporting mechanism.

IRIS menu of options



Dashboard: provides a graphical snap-shot of key data/indicators that together highlight, in a quick, easy way, the state and trends of the environment.

Datasources is where users will be able to upload data so they are available for multiple reporting needs**.** This is the starting point for reporting.

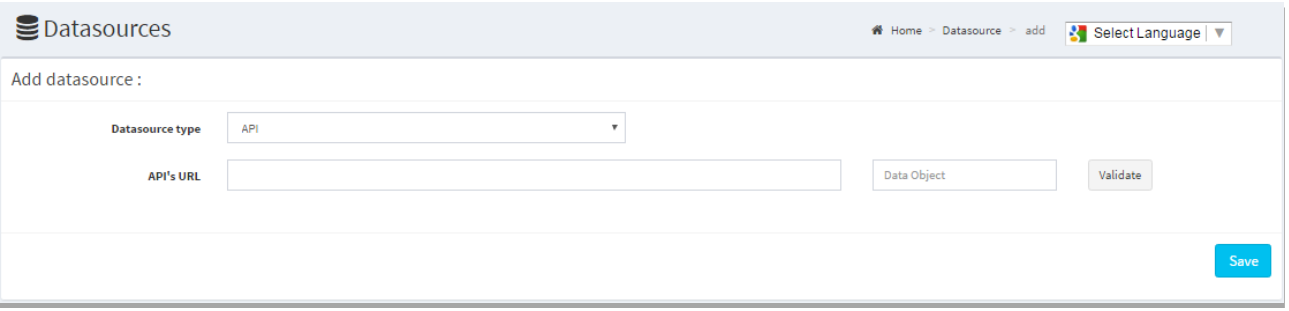
Indicator Workbooks can be generated using formulae's and multiple datasets and **Indicator Instances** (chart, map, values) saved for use in reporting

Reports allow users to generate reports, using reporting templates, that bring in relevant datasets and indicators available in the NRS.

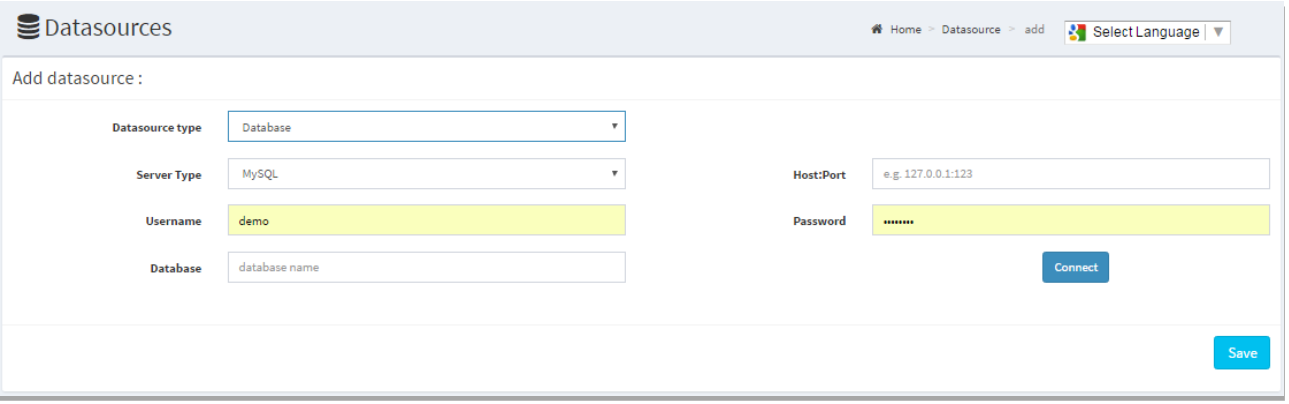
The **Administration** menu option is not available to all users. Administrators have the option to add new users and upload reporting templates.

IRIS – Datasources

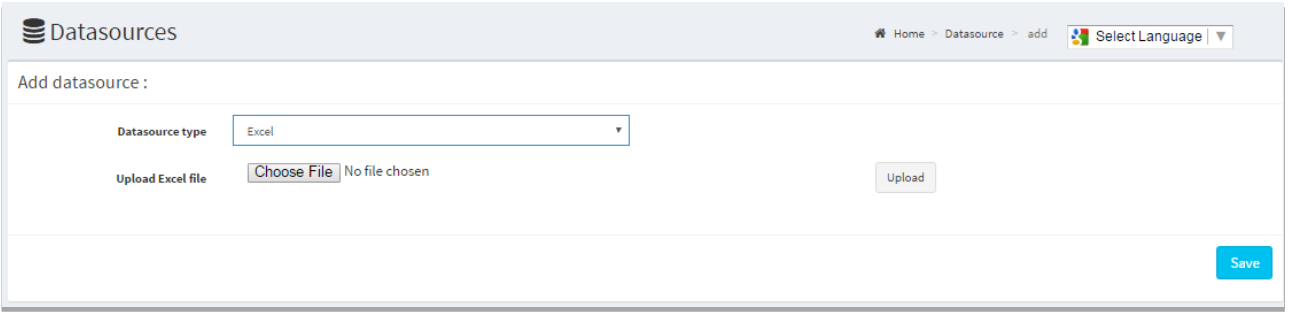
Upload data for use in Reporting at any time (works with existing national databases, data repositories)



Upload using an API



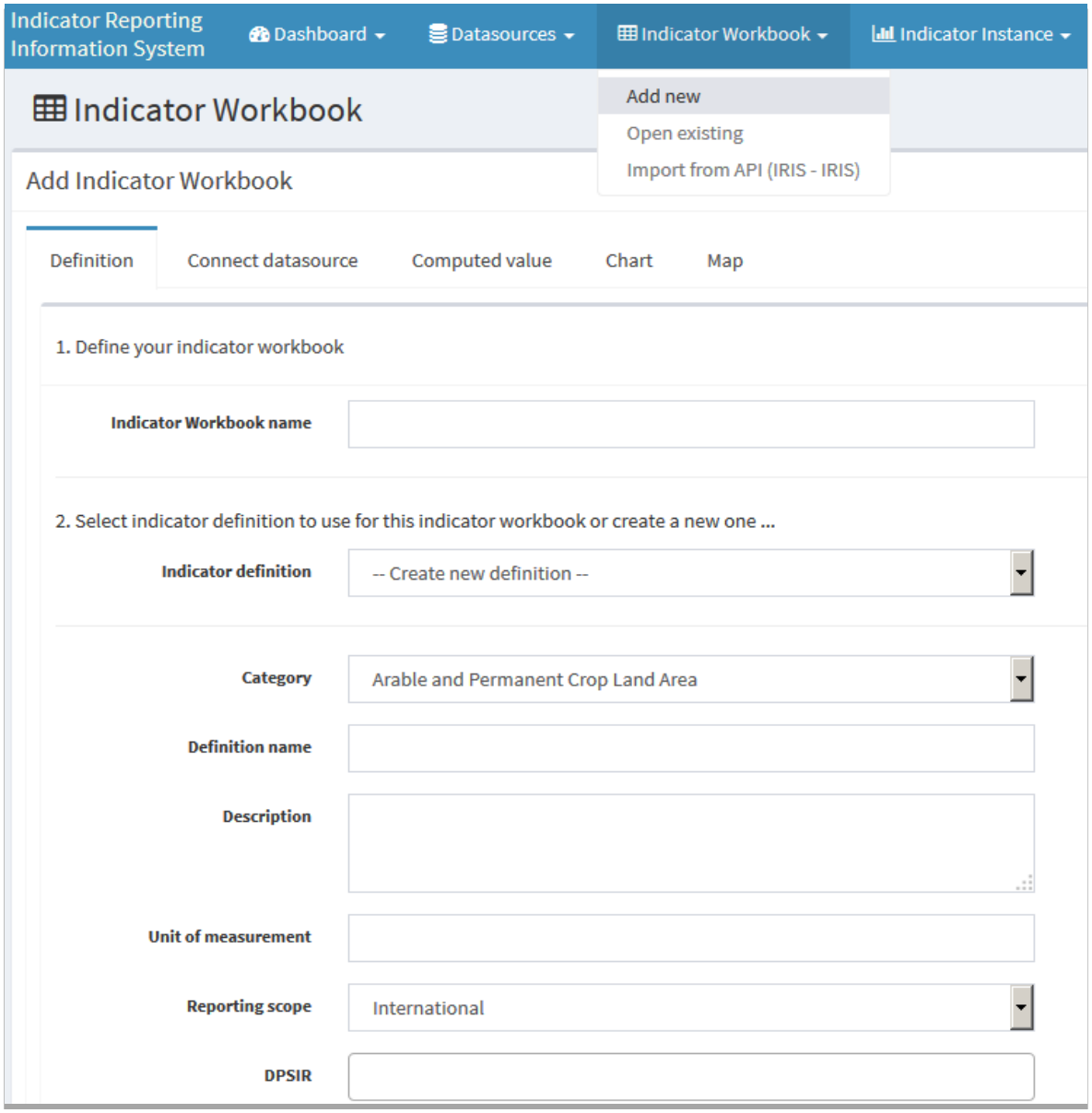
Upload from a Database



Upload from an Excel spreadsheet

IRIS – Indicator Workbook

Workbooks include metadata, data and enable users to create Indicator Instances (charts, maps or computed values using mathematical functions)



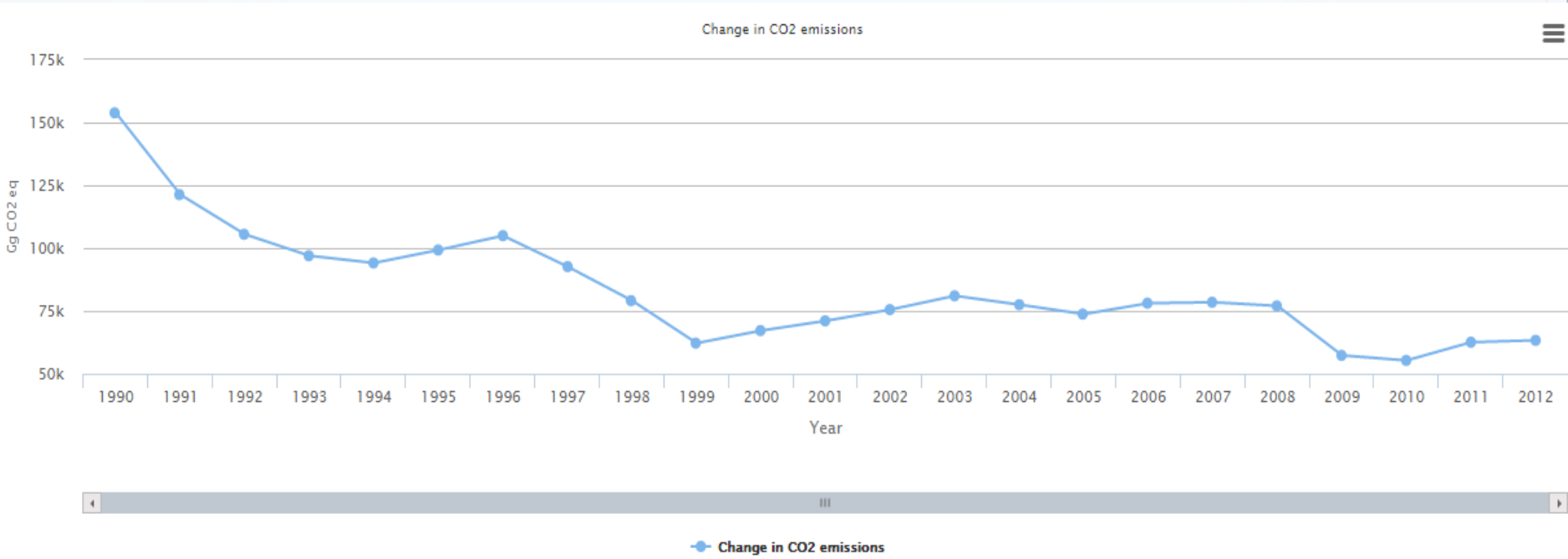
IRIS – Indicator Workbook

Create Indicator Instance: Chart

Title: Change in CO2 emissions | Type: Line | Source: SHEET1

Y axis (VALUES) from B 3 to B 25 Gg CO2 eq | X axis (LABELS) from A 3 to A 25 Year

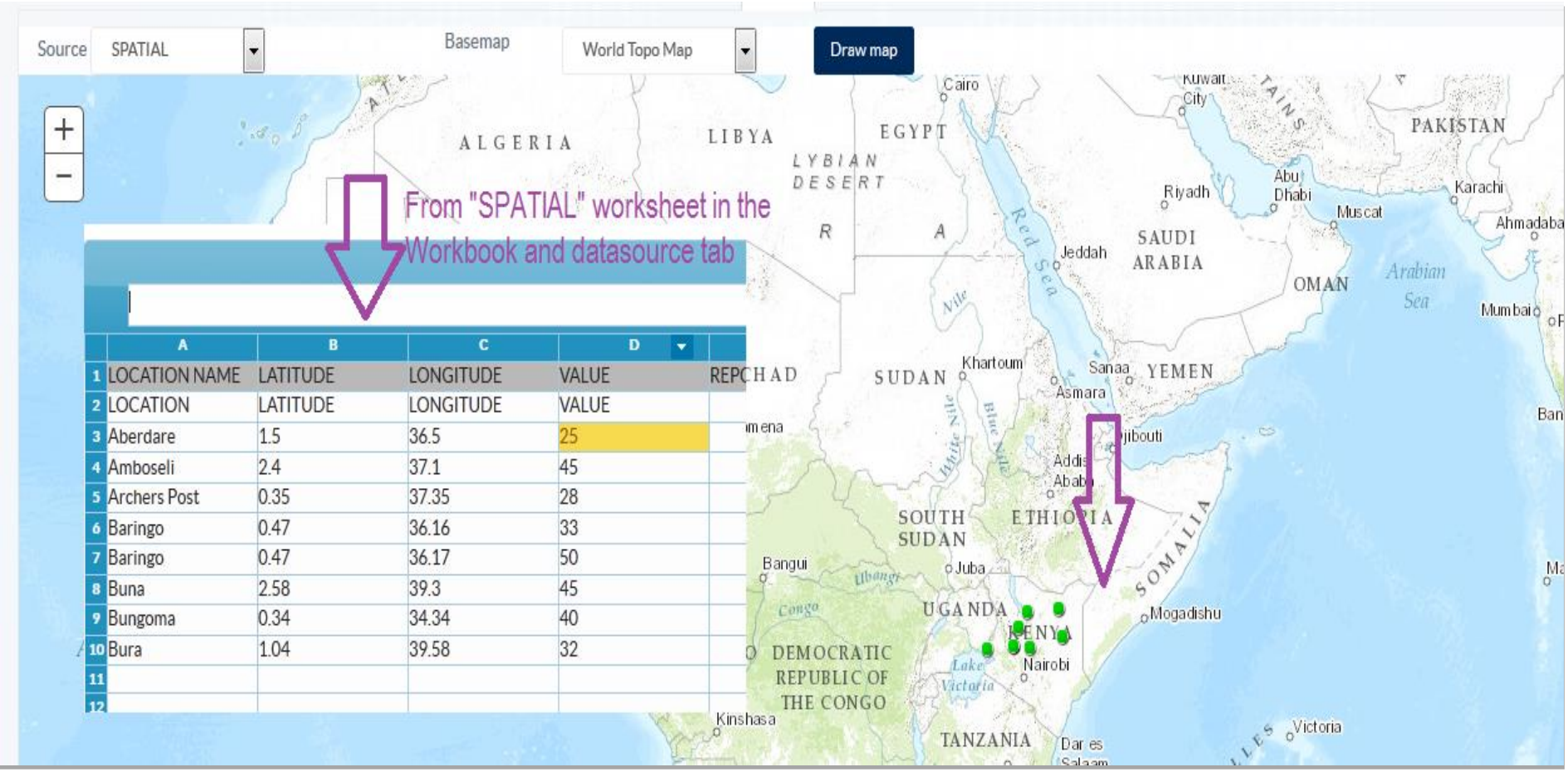
Draw chart



Save chart

IRIS – Indicator Workbook

Create Indicator Instance: Map



	A	B	C	D
1	LOCATION NAME	LATITUDE	LONGITUDE	VALUE
2	LOCATION	LATITUDE	LONGITUDE	VALUE
3	Aberdare	1.5	36.5	25
4	Amboseli	2.4	37.1	45
5	Archers Post	0.35	37.35	28
6	Baringo	0.47	36.16	33
7	Baringo	0.47	36.17	50
8	Buna	2.58	39.3	45
9	Bungoma	0.34	34.34	40
10	Bura	1.04	39.58	32
11				
12				

IRIS – Indicator Instances

Add Narratives to provide context to the illustrated data

Narrative:

Styles | Normal | Font | Size

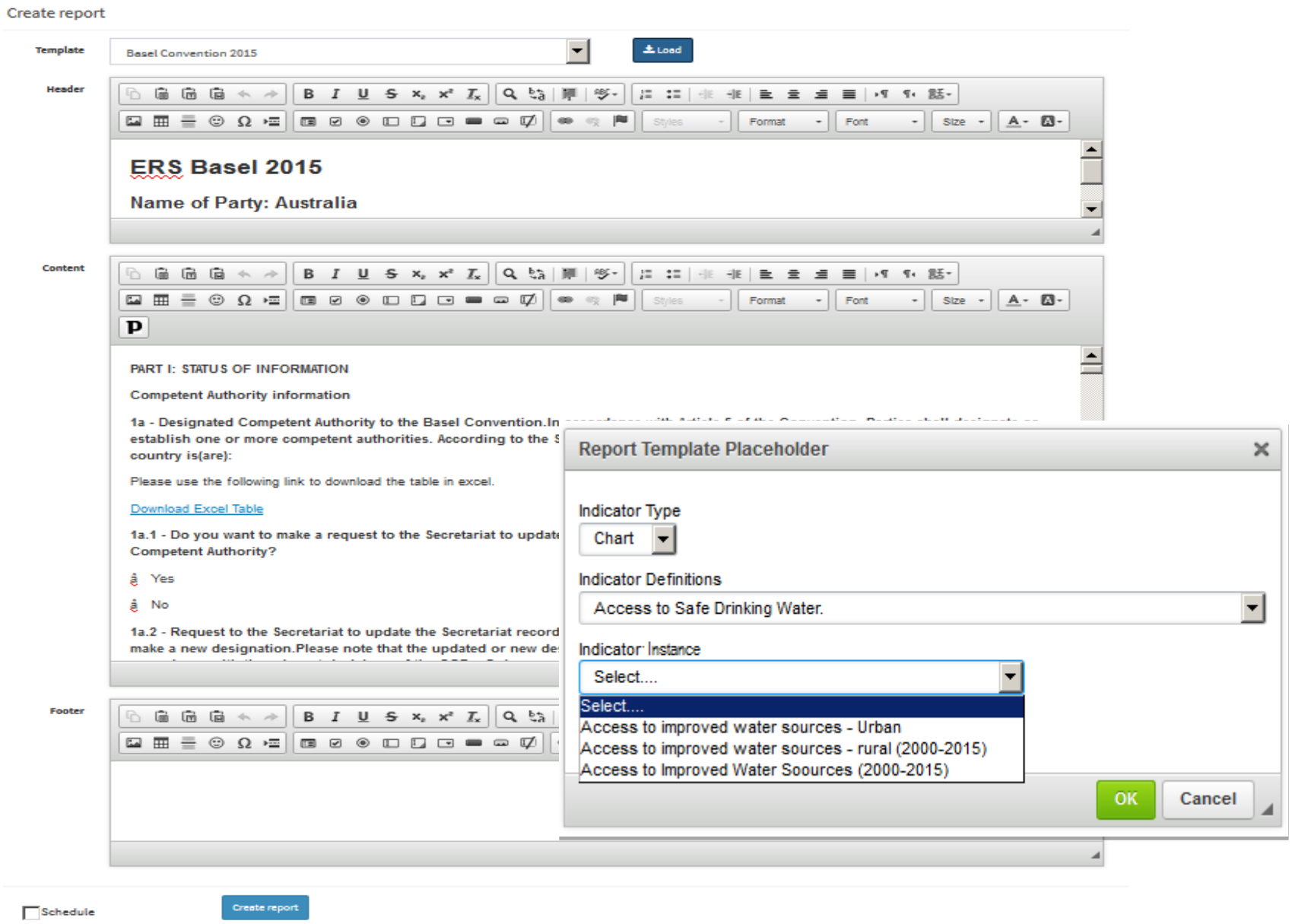
Protected areas constitute an important stock of natural, cultural and social capital, yielding flows of economically valuable goods and services that benefit society, secure livelihoods, and contribute to the achievement of Millennium Development Goals. Moreover, protected areas are key to buffering unpredictable impacts of impending climate change. The CBD Programme of Work on Protected Areas provides a globally-accepted framework for creating comprehensive, effectively managed and sustainably funded national and regional protected area systems around the globe.

body p

Save Narrative

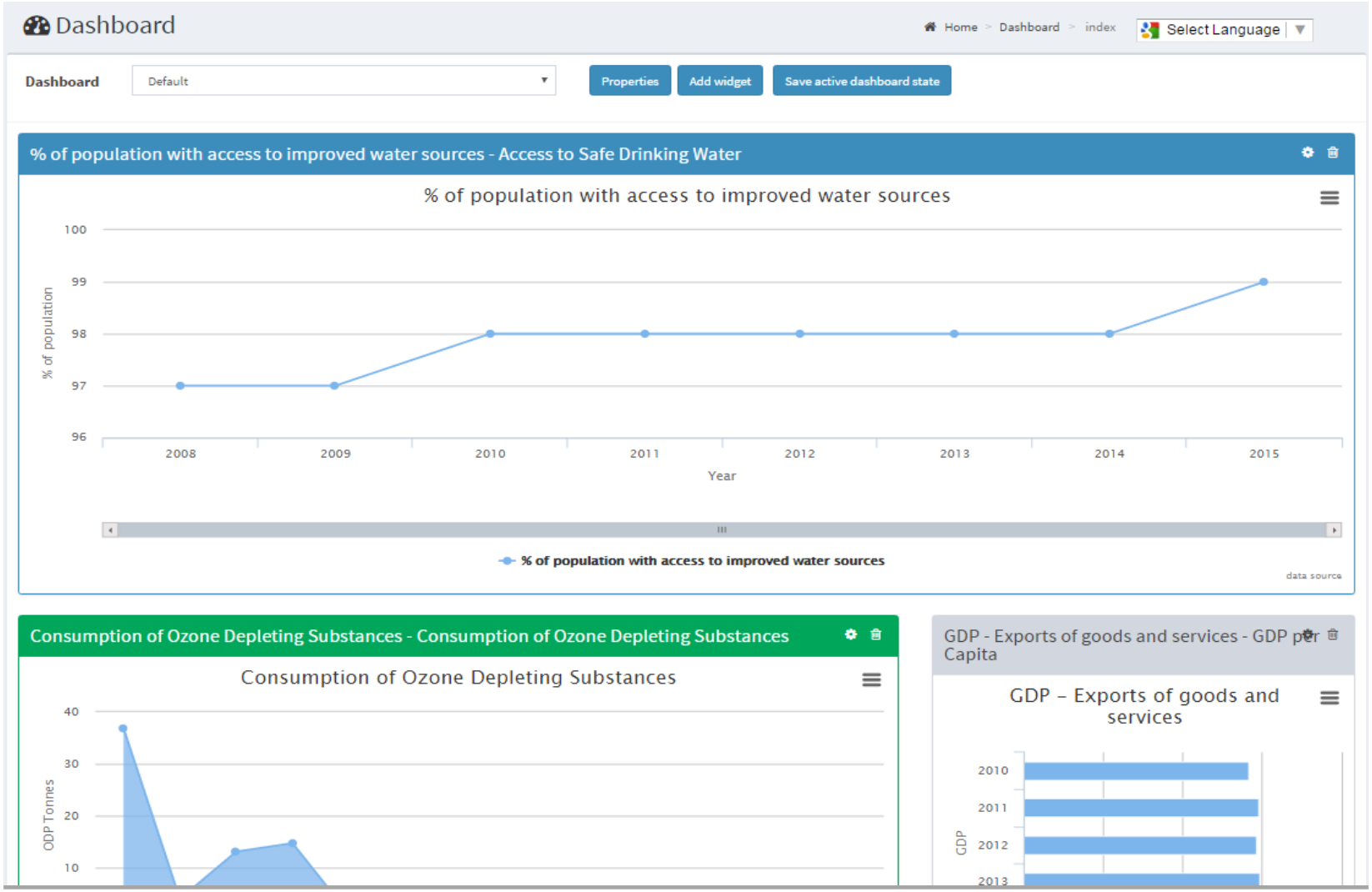
IRIS – Reports

Use reports templates to populate SoE, MEA and other reports



IRIS – Dashboard

Information at your fingertips: Use Indicator Instances to populate multiple Dashboards that include Indicator Instances showing state and trends of the environment



Expected benefits of using IRIS

1. **Improved coordination** between agencies
2. Reporting obligations and templates **are readily accessible**
3. **Quick access to the latest data and analysis** on the state and trends of the environment at all times
4. **Streamlined reporting**
5. Data can be uploaded from remote servers **very easily**
6. **Low investment costs**

Demonstration and testing of IRIS at country level

- IRIS is being /will be demonstrated and tested in a selection of countries including **Bosnia and Herzegovina**, **Cameroon**, **Dominican Republic** and **Samoa**

- UNEP will work with **6 other countries in Africa and Asia** in the context of managing air quality data and indicators

- 8th November : **IRIS hands-on training session held in Sarajevo** under the scope of GEF-funded project on "Capacity development for the integration of global environmental commitments into national policies and development decision making in Bosnia and Herzegovina"(CCCD)

GEF-funded CCCD project in BiH

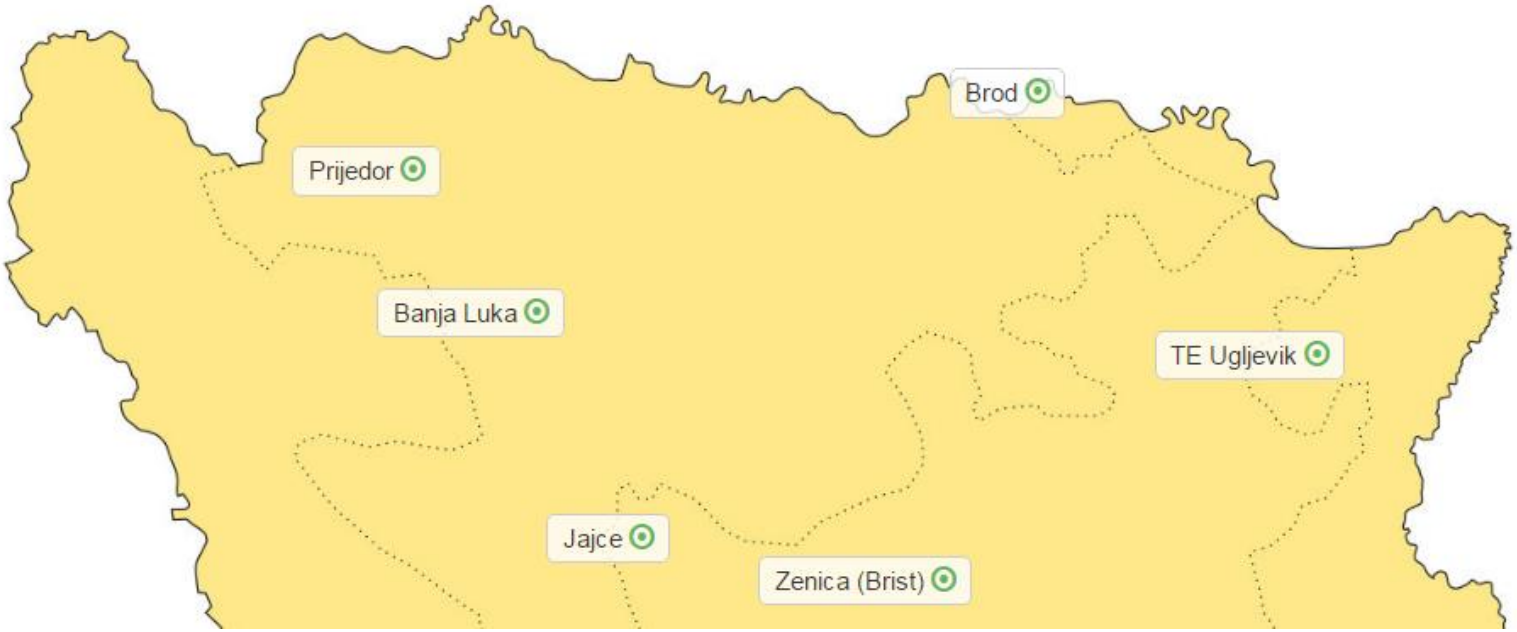
Federalni hidrometeorološki zavod BiH

Republički hidrometeorološki zavod

Automatske mjerne stanice

MJERNE STANICE | PROPISI | O NAMA | KONTAKT

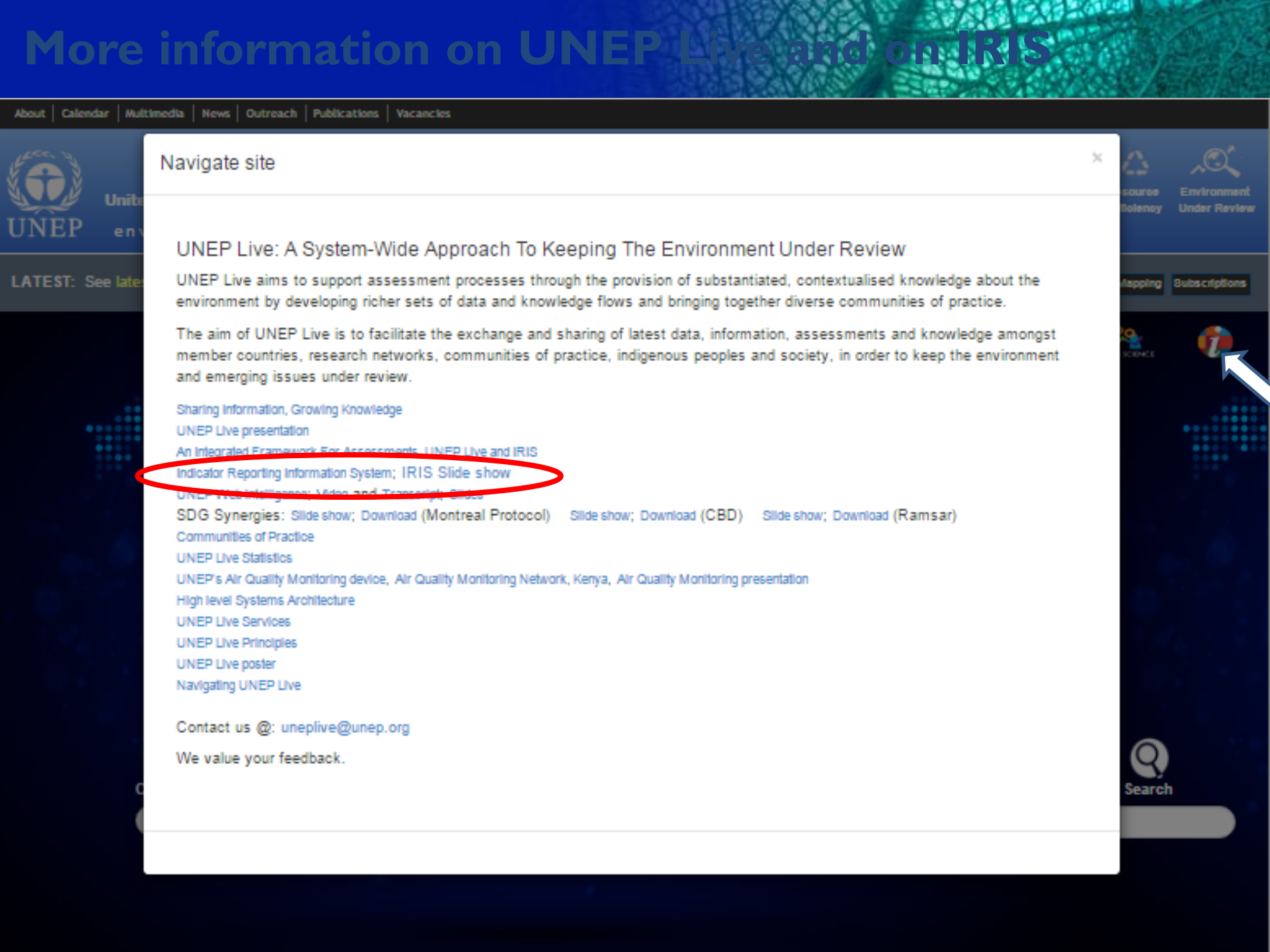
Mjerne stanice



http://www.hidrometeo.ba/

http://www.uneplive.org/country/index/BA#data_tab

More information on UNEP Live and on IRIS



THANK YOU!

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UNEP Live – http://www.uneplive.org/

Contact us at: uneplive@unep.org

Tomas Marques
Programme Officer, Science-Policy Interface
UN Environment, Europe Office
Email: tomas.marques@unep.org