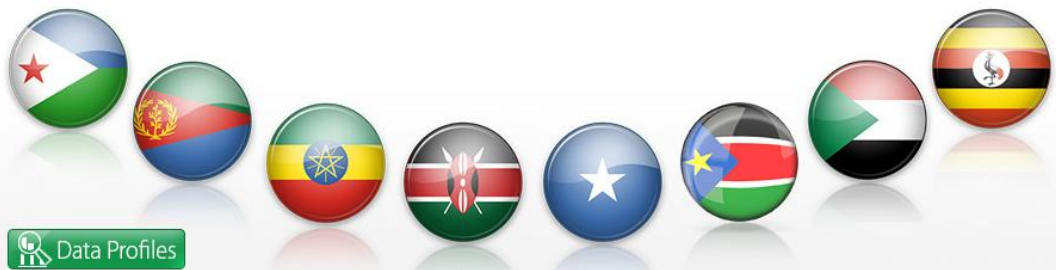


**IGAD** Drought Disaster Resilience  
& Sustainability Initiative



**Capacity building of IGAD staff on the IGADInfo Data  
Dissemination package**

**August 2014**

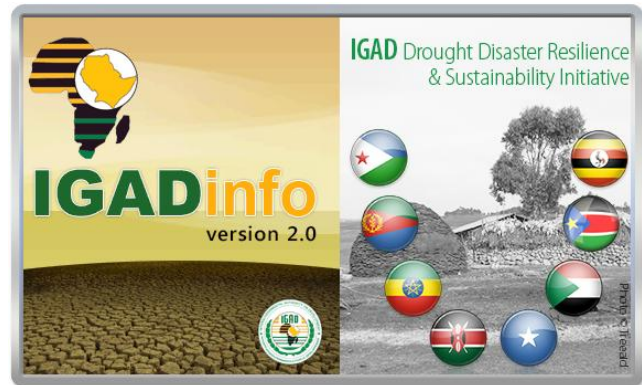
**Agenda**



## Training Workshop – Capacity building on IGADInfo Data Dissemination package Agenda

### About DevInfo

DevInfo is a programme of support to UN member states that focuses on promoting the use of national statistics in evidence-based policy and planning dialogues at global, regional and national level. This programme is termed the “DevInfo initiative”. At its core, DevInfo programming is based around a database system that provides a method to organize, store and display data in a uniform format to facilitate data access at the country level among government institutions, their development partners and the general public.



DevInfo has been adapted from UNICEF ChildInfo database technology. DevInfo is an integrated desktop and web-enabled tool that assists countries in their reporting on the MDGs and other national and international targets. It has user-friendly features that can be used to produce tables, graphs, maps and other visual outputs for inclusion in reports, presentations and other advocacy or planning materials. The software supports standard indicators, such as those used for monitoring the MDGs at international level, yet can also be customized to fit the requirements of local indicator and monitoring frameworks at regional or country level.

### DevInfo Features

DevInfo 7, the latest version of the core DevInfo package, was released in October 2012. This version represents a complete overhaul of the system and brings it in line with the most modern standards in information technology and data exchange. DevInfo 7 is more user-friendly than previous versions and allows one to not only access data more quickly, but to also present and visualize it in a wider variety of formats. Features include:

**Quick data search:** Use the new DevInfo quick data search feature to find what you are looking for almost instantly.

**Worldwide catalog:** DevInfo 7 introduces the catalog, which makes available a large amount of online national and subnational data from countries around the world. Search the catalog to find data across multiple databases. Contribute your own database to the DevInfo worldwide catalog.

**Data visualization:** All new visualization tools make it easier to interactively explore the data. Build on DevInfo’s mapping library to create subnational maps for most countries in the world.



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**Gallery:** Save your visualization outputs to a personalized online gallery for future use, or a common one for public access. Share your outputs with others via social media, email and webpage embedding.

**My data:** Ever need a quick graph or map for your report or presentation? Copy and paste your data into DevInfo to generate data visualization on the fly with automatic mapping of geographical areas.

**SDMX registry:** Use ISO-standards for statistical data and metadata exchange. Seamlessly exchange data among groups of data providers and harmonize data to strengthen national statistical systems.

**Open data API:** Use DevInfo data in your own application by using the new DevInfo Data Query API.

**Customize:** Organize your data to monitor national development goals, disseminate census data and create awareness of the most recent household survey data. Generate advocacy materials for evidence-based planning and monitoring.

### Objective

The Data For All team has designed IGADInfo, a data dissemination package for IGAD, which comprises of the IGADInfo Desktop User Application, the IGADInfo Web Application as well as the online Profile launcher.

IGADInfo database has been developed around the IGAD seven Priority Intervention Areas and it has been piloted for 2 countries - South Sudan and Ethiopia and their subnational levels.

This database can be queried through the IGADInfo User Desktop Application as well as on the web application, [www.dataforall.org/data/igadinfo](http://www.dataforall.org/data/igadinfo)

This training will cover the basic concepts and features of the IGADInfo User Interface in the desktop as well as on the web applications. It provides hands-on, step-by-step instructions on how to use the DevInfo features to search and create presentation objects. The workshop uses the scenario based approach. In this context, a scenario is a realistic situation where a sequence of events is presented and possible choices allow the learner to reach an outcome. Learning occurs when the user goes through the scenario and is guided to discover principles and develop critical competencies.

The users (may be a smaller group) will also be taken through the Data Admin application so that they learn how to update the IGADInfo database.

The participants will also be taken through the IGADInfo Profile Launcher, [www.dataforall.org/profiles/igad](http://www.dataforall.org/profiles/igad) and all the features of the application will be explained.



## Training Workshop – Capacity building on IGADInfo Data Dissemination package Agenda

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### Expected Outcomes

At the end of this workshop, the participants will be able to:

1. Query the IGADInfo database comfortably and generate tables, maps and graphs reports.
2. Use the IGAD Info Gallery and edit any existing report, and export it to PPTs.
3. Easily browse the IGADInfo Profile Launcher online.
4. Query the online IGADInfo database on the DevInfo 7 platform.

### Pre-requisites

This training is primarily intended for the IGAD data specialists who are well acquainted with the PIAs. Participants can prepare for this training by going through the di Videos on key features of DevInfo 7 and thr' the e-learnings available at

[http://devinfo.org/libraries.aspx/DevInfoTraining.aspx?T=EL&PN=diorg/di\\_elearning.html](http://devinfo.org/libraries.aspx/DevInfoTraining.aspx?T=EL&PN=diorg/di_elearning.html).

Familiarity with Windows is assumed and some knowledge of statistics for monitoring human development is helpful.

The participants are requested to come with their laptop (if possible) to be more comfortable during the hands on sessions.



## Agenda

### DAY 1 – IGADInfo Data Dissemination tool (Desktop Application)

#### Session 1.0 - Opening session(09h00)

Objectives, Administrative issues, Expected outcomes  
Introduction of participants

#### Session 1.1 – Orientation

Introduction to DevInfo database technology and its global implementation  
Overview of the IGADInfo Data Dissemination package

### 10h00 – 11:00 - How to look for data? (di Data Wizard)

#### Session 1.2 -IGADInfo– Improving your data searching skills

Demonstration and Hands-on session

- Quick search
- Data Wizard
- Classic Search Method

### Health break (11h00 – 11h15)

### 11h15 – 12h00 – How to generate reports in tables?

#### Session 1.3–IGADInfo – Generating table reports

Demonstration and Hands-on session

- Saving tables
- Advanced formatting of tables
- Thematic tables

### 12h00 – 13h00 – How to generate reports in tables?(Standard Report)



## Training Workshop – Capacity building on IGADInfo Data Dissemination package Agenda

### **Session 1.4 – IGADInfo – Generating standard reports**

Demonstration and Hands-on session

- Saving tables as report layouts.
- Using report layouts to automate report generation for other areas on same geographical level
- Comparing area-wise performance through reports.

**Lunch – 13h00- 14h00**

**14h00 – 14h30 – How to display data on graphs?**

### **Session 1.5 – IGADInfo- How to display data on graphs?**

Demonstration and Hands-on session

- Analyzing trend data
- Analyzing disparities
- Population pyramid graph

**14h30 – 15h00 – Data monitoring and dissemination through maps**

### **Session 1.6–IGADInfo- How to display data on maps?**

Demonstration and Hands-on session

- CustomizingIGADInfothematic maps
- Time series maps (Video)

**15h00 – 15h15 – Health break**

**15h15 – 16h00 – Data monitoring and dissemination through maps (Cont'd))**

### **Session 1.7 – How to display data on maps? (Thematic maps)**

Demonstration and Hands-on session

- Symbol themes
- Custom features
- Multi themed map

**16h00 - Q&A**

**Review and Close of Day 1**



Training Workshop – Capacity building on IGADInfo Data Dissemination package  
Agenda

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|  |
| <b>DAY 2 – IGADInfo – Additional features for dissemination of data and reporting</b>  |
| <b>09h00 – 09:30 - Review of day 1 sessions – Q&amp;A</b>  |
| <b>10h00 – 11:00 – Revisiting the main features covered on Day 1</b><br><b>Session 2.1 – Additional exercises will be done on the different types of reports generated from IGADInfo.</b><br>Hands-on session on the main features covered on Day – Additional exercises |
| <b>Health break (11h00 – 11h15)</b>  |
| <b>11h15 – 13:00 - Data dissemination or generating advocacy presentations</b>   |
| <b>Session 2.2 – IGADInfo - Powerful features of the Gallery</b><br>Demonstration and Hands-on session <ul style="list-style-type: none"><li>- Replicating gallery objects</li><li>- Exporting presentation objects to a PPT</li><li>- Refresh gallery objects</li></ul> |
| <b>Lunch – 13h00- 14h00</b>  |
| <b>14h00- 15h00 : Data dissemination or generating advocacy presentations (Cont'd)</b>   |
| <b>Session 2.3–IGADInfo - Di Book and DI Video</b><br>Demonstration and Hands-on session<br>Creating interactive presentations with the IGADInfo data outputs  |
| <b>15h00 – 15h15 – Health break</b>  |
| <b>Case Study on IGAD Info Desktop User Application based on the topics covered during the first 2 days.</b><br><b>Session 2.4 – The participants will be guided into solving a case study wherein they will</b>   |



## Training Workshop – Capacity building on IGADInfo Data Dissemination package Agenda

use all the skills learned during the training.

**16h00 - Q&A**

**Review and Close of Day 2**

### **Day 3 - WEB VERSION OF IGADInfo**

**09h00- 10h00 – IGADInfo Profile launcher**

**Orientation on the IGADInfo Profile launcher.**

**Session 3.1 – This session aims at giving an orientation on the online Profile Launcher**

This application has 2 functionalities. It is an online thematic mapper as well as a profile launcher for the 2 pilot countries – Ethiopia and South Sudan.

**10h00 – 11h00 –IGADInfo on the DevInfo 7 web interface**

**Presentation and demonstration**

**Session 3.2 – This session will focus on the ways to look for data on the web application**

Demonstration and Hands-on session

**Health break (11h00 – 11h15)**

**11h15 – 13h00 – Generating visualizations**

**Session 3.3- How to generate visualizations?**

Demonstration and Hands-on session

Tables

Graphs

Maps

Population pyramids

Scatter plots

**Lunch – 13h00- 14h00**

**14h00 – 15h00 – My Data Feature**





## Training Workshop – Capacity building on IGADInfo Data Dissemination package Agenda

### **Session 3.4- How to generate visualizations by using your own data?**

Demonstration and Hands-on session

**15h00 – 15h15 – Health break**

**15h15 – 16h00 – Online Catalog**

### **Session 3.5– Querying other DevInfo databases (national or thematic)**

**Querying multiple databases.**

Demonstration and Hands-on session

**16h00 – Q & A**

**Review and Close of Day 3**

## **DAY 4 – IGADInfo Database Management**

### **09h00 – 09:30 - Understanding the structure of the DevInfo database**

Understanding the IUS concept

IC Classification (Single or multiple)

Understanding the area structure

### **09h30 – 10:30 – How to create a template with IGAD indicators?**

#### **Session 4.1: Designing a template**

Design a template based on some IGAD indicators for all the IGAD countries.  
There will be a demo followed by hands on sessions.

Demonstration and Hands-on session

### **10h30 – 11:00 - How to create a database?**

#### **Session 4.2: Creating your own database**

Use the Data Entry Module to upload data on the template, thus creating a database for the IGAD countries.

Demonstration and Hands-on session

**Health break (11h00 – 11h15)**

### **11h15 – 13h00 – How to update a database?**



## Training Workshop – Capacity building on IGADInfo Data Dissemination package Agenda

### **Session 4.3: Update a database with new indicators, new data.**

A different technique of Data Entry will be introduced – the DES method (Data Entry Spreadsheet).

Demonstration and Hands-on session

### **Lunch (13h00 – 14h00)**

### **14h00 – 14h30 – How to associate metadata to a database/indicators?**

### **Session 4.4: Associate metadata to the different elements of the database.**

Demonstration and Hands-on session

### **14h30 – 15h00 – How to add a new language to the database?**

### **Session 4.5–Language (Multilingual database/interface)**

Demonstration and Hands-on session

### **15h00 – 15h15 – Health break**

## **DAY 5 – IGADInfo Database Management**

### **09h00 – 09:30 - Review of day 4 sessions – Q&A**

### **09h30 – 10:30 – Case study on creation of a DevInfo database**

### **Session 5.1: Case Study on designing a template and creating a database**

The participants will be given some sample data from which they will design a template and create a database. This session will cover the topics taught on Day 4.

Demonstration and Hands-on session

### **10h30 – 11:00 –Advanced Mapping**

### **Session 5.2: Associate shape files to a database.**

Linking shape files to a database

Creating specific area groups.



**Training Workshop – Capacity building on IGADInfo Data Dissemination package  
Agenda**

**Health break (11h00 – 11h15)**

**11h15 – 12h15 – XLS Data Capture**

**Session 5.3: Creating a DevInfo database from a free format Excel file**

XLS Data Capture will allow users to create a database from a non – DevInfo formatted Excel file.

Demonstration and Hands-on session

**12h15 – 13h00 – Using the IC-IUS Import to create a DevInfo Template**

**Session 5.4 : Participants will be introduced to another technique of template creation.**

Demonstration and Hands-on session

**Lunch (13h00 – 14h00)**

**14h00 – 14h30 –Discussing Way Forward for IGADInfo**

**Evaluation and closing of workshop**

**Further discussion with the IGAD core team on the way forward and Phase 2 of IGADInfo**