

**PROGRAMME**

**DATA ORGANIZATION WORKSHOP: 27-30 SEPTEMBER, 2016; COOPERATIVE UNIVERSITY COLLEGE, KAREN.**

**HOSTED BY KWS IN PARTNERSHIP WITH NATIONAL MUSEUMS OF KENYA AND NATURE KENYA**

**FINANCIAL SUPPORT BY THE EUROPEAN UNION THROUGH THE GBIF<sup>1</sup>-BID<sup>2</sup> PROGRAMME**

Day	Time	Activity	Responsibility	
<b>Tuesday 27<sup>th</sup> Sep 2016</b>	8.30-9.00	Registration	Grace, Faith	
	9:00-9.05	Opening Prayer	Grace	
	9.05-9.15	Workshop Opening	Dr. Kanga	
	9.15-9.20	Introductions	All	
		<b><i>Create Awareness</i></b>		
	9.20-9.40	Workshop Objectives	Mutero	
	9.40-10.00	GBIF	NMK	
	10.00-10.20	KenBIF	NMK	
	10.20-10.30	QnA	All	
	10.30-10.35	Group Photo	Faith	
	10.35-11.00	Tea Break		
		<b><i>Current status of datasets/databases</i></b>		
		<b><i>Chair: Prof. Kassilly</i></b>		
	11.00-11.30	Description of datasets/Databases under NMK custody (include some background, quality of data, format, timespan, frequency of update, attributes, digital or analogue)	NMK	
11.30-11.40	QnA	All		

<sup>1</sup> GBIF - Global Biodiversity Information Facility

<sup>2</sup> BID - Biodiversity Information for Development

Day	Time	Activity	Responsibility
<b>Tuesday 27<sup>th</sup> Sep 2016</b>	11.40-12.10	Description of datasets/Databases under NK custody (include some background, quality of data, format, timespan, frequency of update, attributes, digital or analogue)	NK
	12.10-12.30	QnA	All
	12.30-12.45	Description of datasets/Databases under Western Conservation Area (include some background, quality of data, format, timespan, frequency of update, attributes, digital or analogue)	Kuloba
	12.45-1.00	Description of datasets/Databases under Tsavo Conservation Area (include some background, quality of data, format, timespan, frequency of update, attributes, digital or analogue)	Lala
	1:00-2:00	Lunch Break	
		<b><i>Current status of datasets/databases (contd)</i></b>	
		<b><i>Chair: Mr. Apollo Kariuki</i></b>	
	2:00-2:15	Description of datasets/Databases under Eastern Conservation Area	Bundotich
	2:15-2:30	Description of datasets/Databases under Mountain Conservation Area	Mathenge
	2:30-2:45	Description of datasets/Databases under Southern Conservation Area	Muteti
	2:45-3:00	Description of datasets/Databases under Northern Conservation Area	Bett
	3:00-3:30	QnA	
	3:30-4:00	Tea Break	
	4:00-4:15	Description of datasets/Databases under Central Rift Conservation Area	Edebe
	4:15-4:30	Description of datasets/Databases under Coast Conservation Area	Dr. Nyunja
	4:30-4:45	Description of Waterbird Dataset	Paul Mungai
4:45-5:00	Description of Human Wildlife Conflict Dataset	Maloba	
	5.00-5.30	QnA	All

Day	Time	Activity	Responsibility
Wednesday 28 <sup>th</sup> Sep 2016		<b><i>Existing Database System and Proposed Additional Module Chair: Dr. Shadrack Ngene</i></b>	
	8.30-10.00	Demo of KWS Integrated Database System (KWSIDS) <ul style="list-style-type: none"> <li>• Conceptual diagram</li> <li>• Overview of system</li> <li>• Central Repository (data sitting in one place and in an organized way. Can't do all queries but can export data and do specialized analysis with third party apps)</li> </ul>	Mutero
		Wildlife Population Database	Mutero
	10.00-10.15	Data Consumer Expectations - Planning	Apollo/Makau
	10.15-10.30	QnA	All
	10.30-11.00	Tea Break	
	11.00-11.20	Overview on datasets from the field	Mutero
	11.20-1.00	Proposed Biodiversity Database Module under IDS <ul style="list-style-type: none"> <li>• Data Workflow (from field into central repository (IDS))</li> <li>• Agreement on minimum datasets for which to collect data,</li> <li>• Agreement on fields, units and frequency of data collection</li> <li>• Agreement on data update frequency</li> <li>• Identify officer responsible for database update for each CA</li> <li>• Possible queries and reports</li> <li>• Have participants propose additional queries and reports</li> </ul>	All
	1:00-2:00	Lunch break	

Day	Time	Activity	Responsibility
	2:00-3:30	<b><i>Data Errors and Documentation</i></b>	
		<b><i>Chair: Dr. James Njogu</i></b>	
		Some errors in our census data	Kenana/Mutero
		Lack of documentation and metadata	Kenana/Mutero
		Metadata for biodiversity data	Kenana
		Basic metadata for GIS data	Mukeka/Mutero
		QnA	All
	3:30-4:00	Tea Break	
	4:00-5:00	About Darwin Core	Mutero
		About OpenRefine tool	Mutero
<b>Thursday 29<sup>th</sup> Sep 2016</b>		<b><i>Data Cleaning and Validation</i></b>	All
		<b><i>Chair: Lekishon Kenana</i></b>	
	8.30-10.30	Initial phase of Data Cleaning & validation	
	10.30-11.00	Tea Break	
	11.00-01.00	Initial phase of Data Cleaning & validation	All
	1:00-2:00	Lunch Break	
		<b><i>Data Cleaning and Validation (contd)</i></b>	All
		<b><i>Chair: Winston Ouna</i></b>	
	2:00-3:30	Initial phase of Data Cleaning & validation	
	3:30-04:00	Tea Break	
4:00-5:00	Initial phase of Data Cleaning & validation	All	

Day	Time	Activity	Responsibility
Friday 30 <sup>th</sup> Sep 2016		<b><i>Data Cleaning and Validation (contd)</i></b>	
		<b><i>Chair: Lekishon Kenana</i></b>	
	8.30-10.30	Initial phase of Data Cleaning & validation	All
	10.30-11.00	Tea Break	
	11.00-1.00	Initial phase of Data Cleaning & validation	All
	1:00-2:00	Lunch Break	
	2:00-3:20	<b><i>Data Cleaning and Validation (contd)</i></b>	
		<b><i>Chair: Mutero</i></b>	
		Presentations on cleaned and validated data from each CA vis-a-vis original uncleaned and unvalidated data (CCA,TCA, WCA, ECA, MtCA, CRCA, NCA, SCA)	All
	3.20-3.40	Comments on quality of data	All
	3.40-3.50	Comments on Open Refine	All
3.50-4.30	Timelines on further data organization: <ul style="list-style-type: none"> <li>○ Initial phase</li> <li>○ Overall project</li> </ul>	All	
4:30-5:00	Close Workshop	Dr. Kanga	

**SECRETARIAT:**

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|------------------|-------------------|
| 1. Jared Lumbasi | 3. Grace Waiguchu |
| 2. Faith Muchiri | 4. Rebecca Anziya |