



COORDINATING WORKING PARTY ON FISHERY STATISTICS

Intersessional Fishery Subject Group Meeting

Swakopmund, Namibia 25-27 February 2015

Introduction to the new CWP Handbook user interface

Author: FAO

Introduction to the new CWP Handbook user interface

Overview

- The Handbook of Fishery Statistical Standards covers terminology, classifications, methodologies and data exchange protocols as applied to fishery statistics by the international agencies of the Coordinating Working Party on Fishery Statistics (CWP).
- Time has come to propose a new way of offering contents to the user in order to facilitate how information is searched, found and used.
- Also the content is under revision

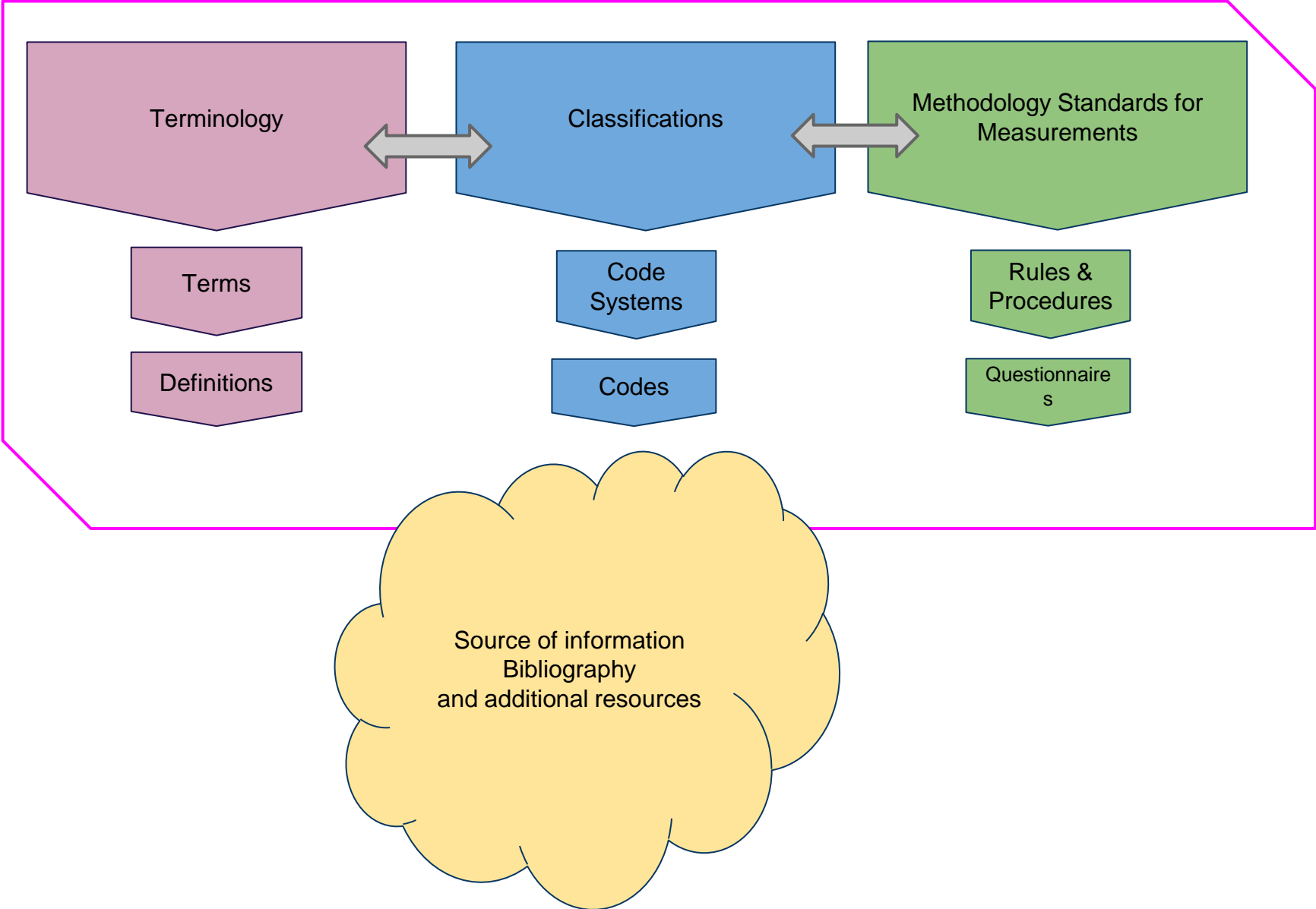
Overview (2)

Status of content update

A. ABOUT THE CWP HANDBOOK	Content in Draft prepared by H. Lassen in December 2012
B. CATCH AND LANDINGS	Content in Draft prepared by H. Lassen in December 2012
C. NATIONALITY	UNCHANGED
D. COUNTRY OR AREAS	Edited by FAO, changes implemented
E. TIME UNITS	Edited by FAO, changes implemented
F. CURRENCIES AND FUNDS	Content in Draft prepared by H. Lassen in December 2012
G. FISHING AREAS - GENERAL	Edited by FAO, changes implemented
H. FISHING AREAS FOR STATISTICAL PURPOSES	Edited by FAO, changes implemented
I. CONVERSION FACTORS FROM LANDED TO NOMINAL WEIGHT	To be MERGED in Section B as per Hans Lassen I
(REUSED) SUSTAINABLE DEVELOPMENT INDICATORS	Content in Draft by H. Lassen on Sept. 2012
J. AQUACULTURE	Updated contents available in the Report of the twenty-fourth session of the CWP on Fishery Statistics
K. FISHERS	Content in Draft prepared by H. Lassen in December 2012
L. FISHERY FLEET	Content in Draft prepared by H. Lassen in December 2012
M. FISHING GEAR CLASSIFICATION	To combine from Draft prepared by H. Lassen in December 2012 and Chapter XV: Fishing Fleet
N. FISHING EFFORT	Content in Draft prepared by H. Lassen in December 2012
O. LOGBOOKS	Content in Draft prepared by H. Lassen in December 2012 P.
SUPPLY BALANCE SHEETS ON APPARENT CONSUMPTION	UNCHANGED
Q. METHODOLOGY	To be MERGED in Section A as per Hans Lassen
R. FISHERY COMMODITIES CLASSIFICATION	UNCHANGED-
S. IDENTIFIERS FOR AQUATIC ANIMALS AND PLANTS	Edited by FAO, Changes implemented
T. STATLANT, STATPAC, FISHSTAT SYSTEM OF QUESTIONNAIRES	Edited by FAO, Changes implemented
U. LIST OF FAO YEARBOOKS OF FISHERY STATISTICS	Changes implemented
V. ACRONYMS	Edited by FAO, Changes implemented
X (NEW). SOCIO ECONOMIC	Short introduction in Draft prepared by H. Lassen in December 2012 + Eurostat Draft
Y (NEW). FISH STOCK MONITORING	Short introduction in Draft prepared by H. Lassen in December 2012
Z (NEW). FISHERIES STATISTICS FOR AN ECOSYSTEM APPROACH	Short introduction in Draft prepared by H. Lassen in December 2012

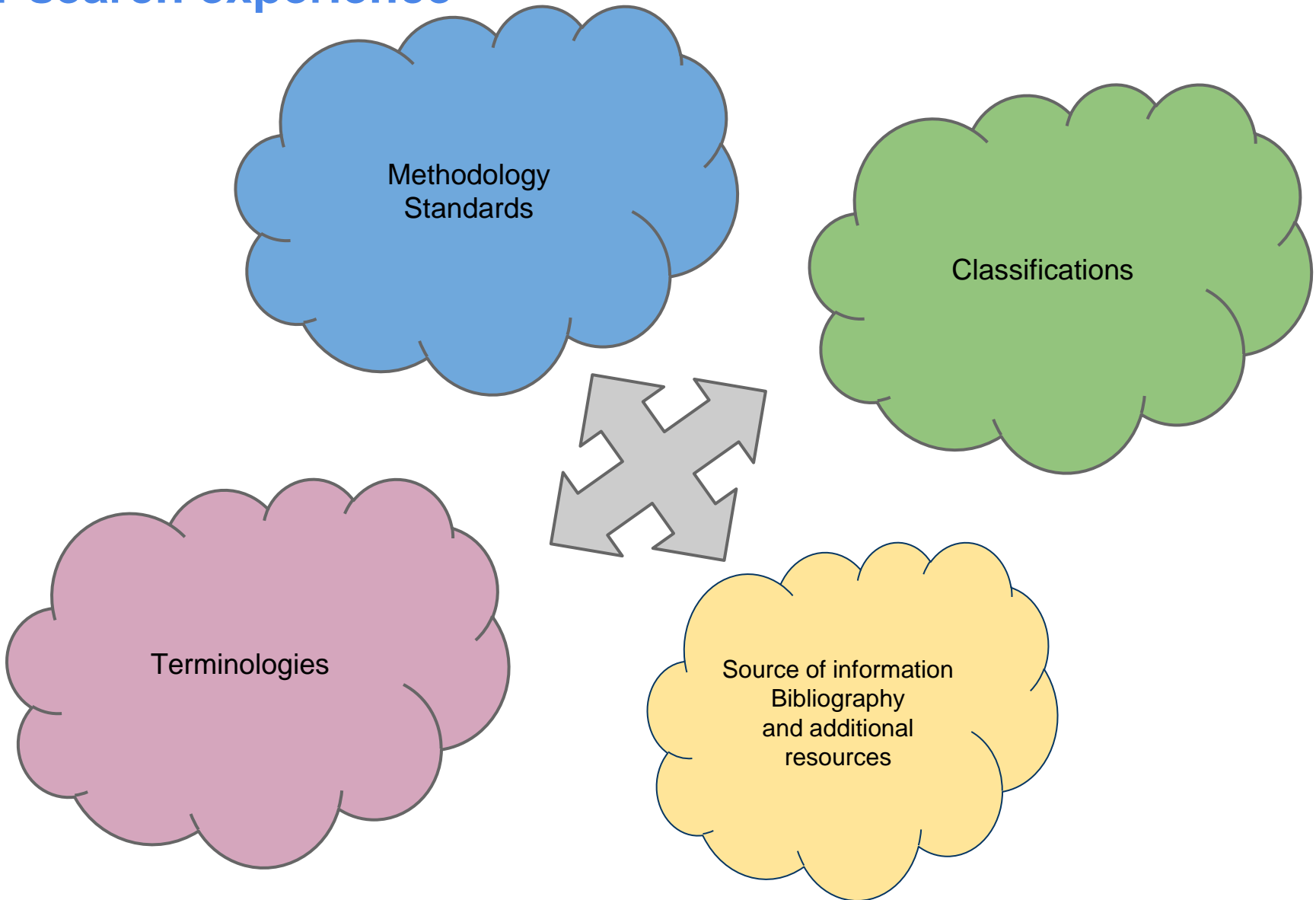
Modifications details are documented at http://figisapps.fao.org/FIGISwiki/index.php/CWP#Revision_of_CWP_Handbook (login required)

Building blocks for the new dynamic interface



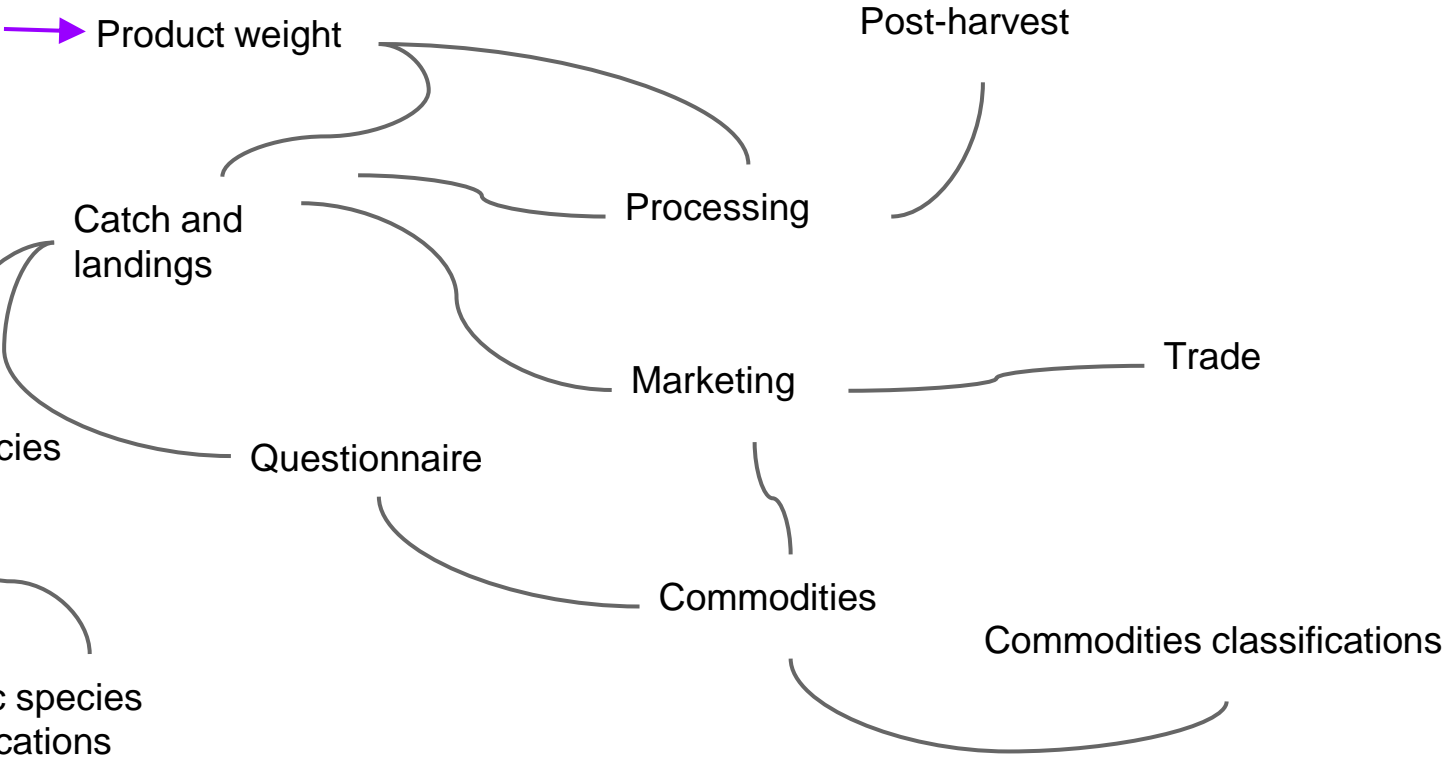
The new interface will harvest data & information across the building blocks

User search experience



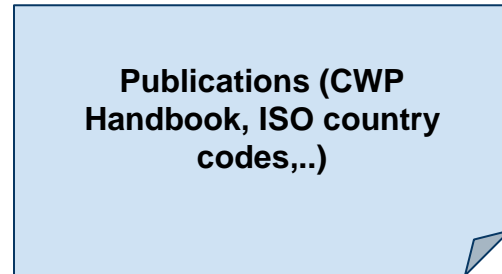
Users' keywords are dynamically interlinked with other relevant elements
A cohesive access to information

Behind the scenes: an example



Items in building blocks are reciprocally mapped through logical connectors (e.g. tags)

Integrated Sources of Information



The new interface is expected to harvest information from sources beyond the CWP handbook, including relevant classifications and concepts external to CWP secretariat responsibility

FAO - FI ongoing developments

The envisaged scenarios are well supported by the following IT developments within the FAO Fisheries and Aquaculture Department:

RTMS++ *(first release expected on April 2015)*

The evolution of the [Reference Tables Management System](#) for mastering **Reference Data** including standard terms, concepts and classifications, many of which authored by CWP and FIRMS.

The new application is offering:

- Reference data exposed through web services (RESTful API)
- Data structure
- Data versioning
- Data editing and visualization

GRADE *(released version 1.0)*

A management tool for **Linked Data** assets that map, align, and enhance data that originates in multiple and autonomous data sources. The tool is offering:

- data integration across repositories (both local and external)
- classification mapping
- systems' integration based on cutting-edge technologies of web semantics (google like searches, annotation facilities etc...)
- data acquisition from heterogeneous sources without specific protocols or agreements

Data remain in the source information systems while the new CWP interface gives a unique entry point

The two systems complement each other in handling core and reference data owned and managed by different communities