Maintaining consistency through a staggered delivery process

Maryam E Ahmad, Karin Hosking, Frances Marston and Sally Tetreault-Campbell

7 May 2015
Overview

• The Bioregional Assessment Programme
• EditQueries and terminology standards
• PerfectIt and custom style sheet
• Controlled vocabulary and glossary service
• Future work
The Bioregional Assessment Programme

What are the impacts of coal mining and coal seam gas extraction on water resources?
## Products

<table>
<thead>
<tr>
<th>Component</th>
<th>Product code</th>
<th>Information</th>
<th>Section in the BA methodology</th>
<th>Report</th>
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<td>2.5.1.1, 3.2</td>
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<td>Current water accounts and water quality</td>
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<td>2.5.1.6</td>
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<td>2.1-2.2</td>
<td>Observations analysis, statistical analysis and interpolation</td>
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<td>2.5.2.3, 4.3</td>
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Scope and scale of editing for the Bioregional Assessment Programme

• Six distinct authoring teams with individual team cultures
• Review and approvals process includes two stages of review and approval through each of the four agencies
• Degree to which editors can influence content tapers off the further a product gets into the review and approvals process
• Three main tasks:
  • Initial edit
  • Response to review
  • Final proofread
Harvesting terms: EditQueries

- Microsoft SharePoint list for harvesting terminology questions
- Editors are main users of this tool but authors are welcome to contribute also
- Editors contribute research and help to mediate a cross-disciplinary decision
- There is a formal approval process for terminology
Maintaining consistency through a staggered delivery process

Is a company an 'it' or a 'them'.

Client request that we always refer to companies as 'it'. e.g. 'AGL has indicated that it will be releasing all of its EILs in 2015.'

Ref to companies as 'it'.
12.10 MLA: where in the standards does this go?
13.10 MLA: added to language list but not sure if that's the best place for this.

Published in
Version 24

Logged by
Ahmad, Marzym S&G, Black Mountain

Closed by
Ahmad, Marzym S&G, Black Mountain

Bioregion
- All
- LMB
- NAB
- IOCM
- NGB
- SSB
- GIP

Select which bioregions this query affects

Status
Closed

Query type
Language
Maintaining consistency through a staggered delivery process
### EditQueries

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Delivering terminology standards

- Currently done as a PDF file that is internally distributed to all authors
- Product coordinators are embedded in project teams to help authors access and understand standards
- Authors work closely with editors and learn standards as they go
- Formal sign-off process
Maintaining consistency through a staggered delivery process

in confidence

Intake (one word)
Inter-equator (hyphen)
Interconnectivity (one word, no hyphen)
Intergovernmental Panel on Climate Change (IPCC)
Interim Biogeographic Regionalisation of Australia (IBRA) (when named in text, ensure that it is clearly an IBRA bioregion or IBRA subregion, e.g. 'the South East Queensland IBRA bioregion' or the Manton Basin IBRA subregion)
Interim Independent Expert Scientific Committee on Coal Seam Gas and Coal Mining (IESC; before June 2012)
Interim Program Leadership Group (until 9 August 2013)
Ipswich Coal Measures
IOM (Integrated Duty and Quality Model)
Inordinate Coal
Irrigation area (use only when referring to a value in km²; if referring to location of an irrigation development use 'irrigation site')
Irrigation site
besurface
James Cook University (ICU)
Joe Joe Group
Jandah Coal Measures
Judgement (use 'Judgement' instead)
Judgment (not 'Judgement')
K
Kandosols (not 'Kandosol', not 'Kandosols')
Kati Thanda – Lake Eyre (use instead of 'Lake Eyre' but note that the name of the bioregion has not changed)
Katoomba Coal Member
Kianga Formation
Kilwinning Dam (not 'Gapperfield Dam')
Kobruna Trough
Kooroonganra seam
Koolangkawie Formation
Kriging
Kurosols (not 'Kurosol', not 'Kurosols')

L
Lachlan Catchment Management Authority (LCMA)
Lake Eyre ('Kati Thanda – Lake Eyre' instead but note that the name of the bioregion has not changed)
Lake Eyre Basin bioregion (do not shorten)
Lake Eyre Basin Bioregional Assessment (the Assessment)
Iskebed (one word)
Land system mapping
Land use (two words, no hyphen even when adjective)
Landholder (one word)
Landsat (always specify which version of Landsat was used, e.g. 'Landsat TM' or 'Landsat MSS')
Landsat 7 ETM

M
MacKillop seam
mAHD (not 'm AHD')
main stem (two words)
maize (do not use 'corn')
mangoes
Mann–Kendall tau statistic
map-maker
Maramas
Marama-Balonne-Condamine subregion (in Northern Inland Catchments bioregion, do not shorten)
mASL (not 'm ASL')
material
maturity
Matters of National Environmental Significance (MNES)
Muscles Creek Formation
mBG
McKinlay Shire Council
mean (use in an arithmetic sense when referring to something that has been calculated; do not use 'average')
measurements (see 'units' in Table 11)
Melville Island Coal Member
Mesozoic
metadata (one word)

use 'lowland' as a modifier and 'lowlands' as a noun

Product standards for bioregional assessments | 37
PerfectIt style sheet

![Style Sheet Editor](image)

<table>
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<td>CRDP</td>
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PerfectIt in action

from the NSW groundwater database in the Richmond River basin are unknown for most bores. Note that the stratigraphic unit at the reported in the NSW groundwater database for all but six bores was
Without this information, no meaningful analysis of the difference in relation to the source aquifer is possible. One of the biggest challenges to determine the stratigraphy of the bores, including the identification of bore screen from the lithological logs. Following extensive initial work, it was achieved for a large number of bores by converting the lithological logs into a 3D geological modelling software (followed by checking), as discussed in detail in the Bioregional Assessment product.

Most trace elements have data available for only a few groundwater analyses have been performed; several elements have concentration triggers, but the current dataset is too sparse and the quality too poor to obtain triggering value exceedances of these elements. Therefore, an attempt is made to understand the range and distribution of the trace element concentrations in the basin.

References


PerfectIt in action
Harvesting glossary items
Entry: environmental impact assessment


A formal process used to predict the environmental consequences (positive or negative) of a plan, policy, program, or project prior the implementation decision

Core metadata

is a Concept

submitted by [redacted]

accepted on 30 Oct 2014 00:08:16.789

Definition

Description

A formal process used to predict the environmental consequences (positive or negative) of a plan, policy, program, or project prior the implementation decision

Links

... none found
Entry: Sodosols

URL: http://registry.example.org/sally/Sodosols

type: Concept

Soils with a clear or abrupt textural B horizon and in which the major part of the upper 0.2m of the B2 horizon (or the major part of the entire B2 horizon if it is less than 0.2m thick) is sodic and not strongly acid. Hydrosols and soils with strongly subplastic upper B2 horizons are excluded.

Definition

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Links

Is defined by

- sodosols.htm
Entry: dataset

URI: http://registry.it.csiro.au/test1/ba-glossary/dataset

A collection of data in files, databases or delivered by services that comprise a related set of information. Datasets may be spatial (e.g., a shape file or geodatabase or a Web Feature Service) or aspatial (e.g., an Access database, a list of people or a model configuration file). In the BA Repository, datasets are guaranteed to have a metadata record in the Metadata Catalogue and to have their components (files, database interface) delivered via the Data Store. In semantic web terms, a BA dataset is defined as a subclass of DCAT Dataset and PROMS Entity and is described in the BA Ontology.

Definition

Description

A collection of data in files, databases or delivered by services that comprise a related set of information. Datasets may be spatial (e.g., a shape file or geodatabase or a Web Feature Service) or aspatial (e.g., an Access database, a list of people or a model configuration file). In the BA Repository, datasets are guaranteed to have a metadata record in the Metadata Catalogue and to have their components (files, database interface) delivered via the Data Store. In semantic web terms, a BA dataset is defined as a subclass of DCAT Dataset and PROMS Entity and is described in the BA Ontology.

Links

... none found
Entry: Sodosols

**URI:** http://registry.example.org/sally/Sodosols

**Type:** Concept

Soils with a clear or abrupt textural B horizon and in which the major part of the upper 0.2m of the B2 horizon (or the major part of the entire B2 horizon if it is less than 0.2m thick) is sodic and not strongly acid. Hydrosols and soils with strongly subplastic upper B2 horizons are excluded.

### Historical versions available

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Between Lakes Entrance and Marlo the soils are primarily Kurosols. Kurosols have strongly acidic subsoils with a pH less than or equal to 5.4 and a clear contrast between the A and B horizons (Department of Environment and Primary Industries, 2014a; Isbell, 2002). They generally have a low agricultural potential due to high acidity and permeability. In the south of the bioregion, surrounding Yarram there is another area dominated by Kurosols.

**Glossary**

bioregion  
the land area that constitutes a geographic location within which is collected and analysed data and information relating to potential impacts of coal seam gas or coal mining developments on receptors identified for key water-dependent assets

permeability  
a measurement describing the ability of any fluid (water, oil) to pass through a porous material. Values vary widely, with higher values corresponding to aquifers (i.e., highly permeable) and lower values corresponding to aquitards (i.e. less permeable)
Recap

• EditQueries and approval process for terminology standards
• PerfectIt and custom style sheet
• Harvesting glossary terms, review and approval of terms and definitions, vocabulary service and linking from products.

This is all made possible largely through the use of as much automation and technology as possible but none of it works without ‘human’ interactions and conversations.
Future work

• Windows desktop and mobile app to track terminology questions as well as serve terminology standards
• PerfectIt (or similar) for authors
• (revisiting) .dic files for Microsoft Word
• Automating reference checks (with macros or revisiting EndNote)
• Separating content from format
Questions?

Maryam Ahmad
 t  +61 2 6246 5635
e  Maryam.Ahmad@csiro.au

Frances Marston
 t  +61 2 6246 5943
e  Frances.Marston@csiro.au

Karin Hosking
 t  +61 2 6246 4315
e  Karin.Hosking@csiro.au

Sally Tetreault-Campbell
 t  +61 3 9545 8456
e  Sally.Tetreault-Campbell@csiro.au