

Michael Pendleton
U.S. Environmental Protection Agency
Office of Environmental Information

Knowledge Organization Systems: Managing to the Future
A Joint CENDI/NKOS Workshop
National Agricultural Library
October 22, 2009

Overview

- How We Got Here
- EPA's Terminology Services
- Current Efforts
- Future Directions

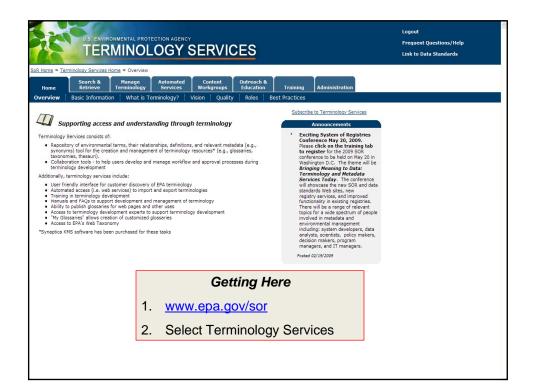
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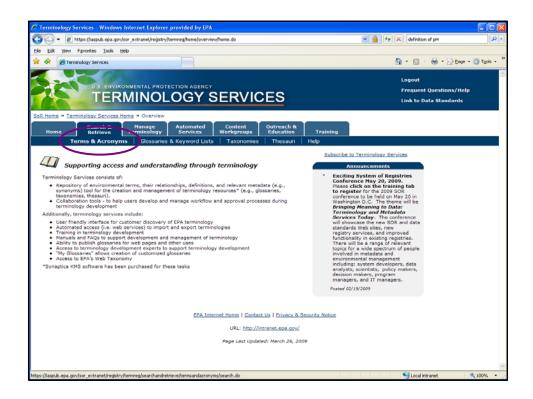
Terminology Services

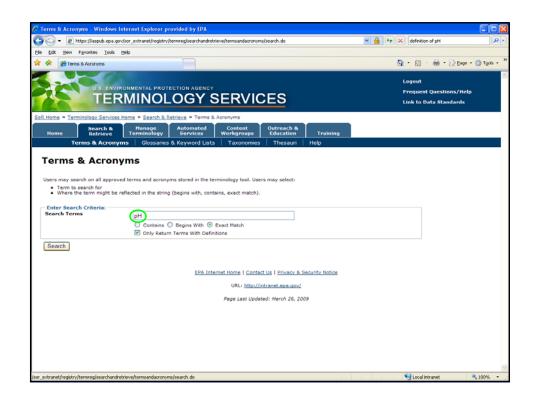


- Search & Discovery
- Terminology Management
- Automated Services
- Collaborative Stewardship
- Training and Contract Support

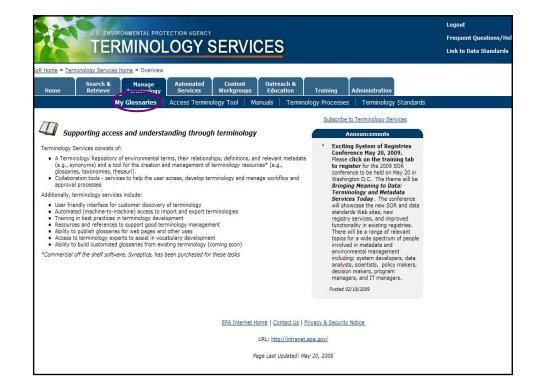
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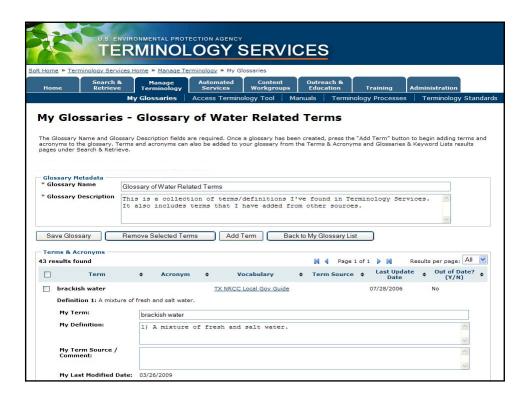


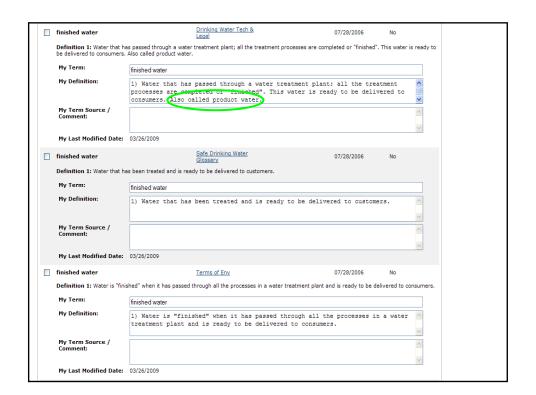




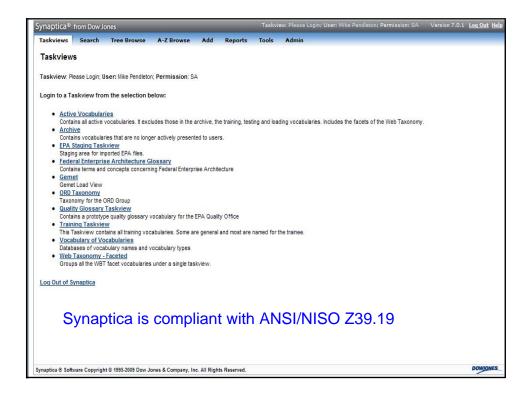
Terminology Services Home	Tei	rms & A	cronv	ms - Se	arch	Res	ults				
Frequent Questions/Help	The	Search Results	is an alpha	betical list base	d on the se	earch cr				ery link to go dire	ctly to the
Login for EPA & Partners Link to Data Standards	Sea	rms & Acronyo rch Terms (Ex sults found		ı): pH; Only Re	lurn Tern	ns With	Definitions: Ye		ge 1 of 1 🅨 🕍	Results per	r page: 10 💌
System Inventory Services		Term	, ,	Acronym ¢	Code	٠	Vocabulary	٠	Vocabulary o	Scope Note •	Preferred • Term
Reuseable Component Services Data Registry Services		рН					vironmental Issue	ts	Glossary and Key Word List		
Substance Registry Services Secility Registry		Definition 1: The measure of aporty or alkamety of a chemical solution, from 0-14. Anything neutral, for example, has a pH of 7. Acids have a pH less than 7. Cases (alkaline) prester than 7.									
Services		рН				Su	perfund		Glossary and Key Word List		
		Definition 1	: A measur	rement of the ac	idity or alk	calinity	level of a solution	1.			
		pH				US	T Technical Term	2	Glossary and Key Word List		
							s equal to the ne acidic, and value			concentration of sic.	hydrogen ions
		pH				TX	NRCC Local Gov	Guide	Glossary and Key Word List		
		Definition 1: representing	: A measur a neutral s	re of the acidity tate, 0 represer	or alkalinit	ost acid	material, liquid or d and 14, the mor	solid. st alka	pH is represente line.	d on a scale of 0	to 14 with 7
		рН					derground Tank		Glossary and Key Word List		
							s equal to the ne acidic, and value			concentration of sic.	hydrogen ions
		рН				Ter	rms of Env		Glossary and Key Word List		
							or acid condition stween 6.5 and 8		uid; may range	from 0 to 14, wh	ere 0 is th most
		pH				Dri Les	inking Water Tecl	1.8	Glossary and Key Word List		
		(base 10) of t	the recipro	cal of the hydro	gen ion co	ncentra		og (1/	[H+]) The pH ma	matically, pH is the ry range from 0 to i.	

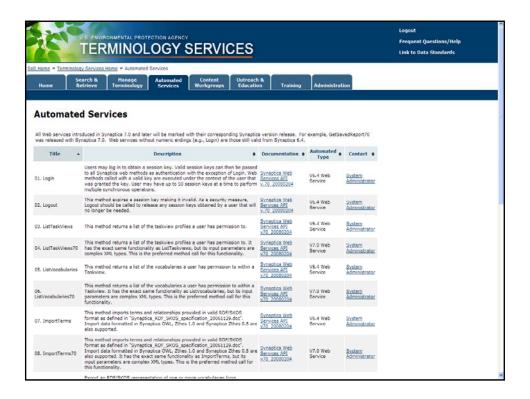






gray water	Terms of Env	06/12/2008	No					
Definition 1: Domestic was	finition 1: Domestic wastewater composed of wash water from kitchen, bathroom, and laundry sinks, tubs, and washers.							
My Term:	gray y ater							
My Definition:	Domestic wastewater composed of wash water laundry sinks, tubs, and washers.	from kitchen, bathroom, an	d ^					
My Term Source / Comment:								
My Last Modified Date:	03/26/2009							
grey water	<u>Drinking Water Tech & Legal</u>	07/28/2006	No					
Definition 1: Wastewater of	other than sewage, such as sink drainage or washing machine disc	harge.						
My Term:	grey vater							
My Definition:	Wastewater other than sewage, such as sink discharge.	drainage or washing machin	e ^					
My Term Source / Comment:								
My Last Modified Date:	03/26/2009							
ground water	Drinking Water Glossary	07/28/2006	No					
Definition 1: The water tha	at systems pump and treat from aquifers (natural reservoirs below	the earth's surface).						
My Term:	ground water							
My Definition:	1) The water that systems pump and treat from below the earth's surface).	aquifers (natural reservoi	rs					
My Term Source / Comment:			^					
My Last Modified Date:	03/26/2009		<u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>					





Stewardship is Key

- Stewards are owners of vocabularies
- · Every vocabulary must have a steward
 - Responsible for maintenance of the vocabulary
- Supporting stewardship
 - Tools: Synaptica, wikis
 - Guidance: Best Practices, Governance Structures
 - Training
 - Access to expertise

Current Efforts

- · Enhancing Repository Content
 - · Vocabulary Roadmap
 - · Archival, updates, additions
- Identifying Stewards
- Exploring 'value added' opportunities
 - My Environment
 - Web Content Management System
- EPA Office of Research and Development Managed Vocabulary
 - Use Cases
 - · Integrated Modeling
 - · Science Inventory
 - · MyProject Glossary
 - · Spell Checker

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Future Directions



- Enterprise access to terminology development expertise
 - Developing Blanket Purchase Agreement
- Firmly establish terminology stewardship; help foster communities of interest
- Provide legal & other priority terminology
- Evolve toward concept management
 - Concept Management Roadmap
 - EPA thesaurus
 - Data Locator

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For More Information

Contact:

Michael Pendleton Terminology Services Manager pendleton.michael@epa.gov (202) 566-1658



"Now! That should clear up a few things around here!" Gary Larson – The Far Side

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