

Building a Knowledge Organisation Systems (KOS) Observatory

- 1) Describes **KOS** as complex systems
- 2) Aims to rescue endangered **KOS** and make them FAIR
- 3) A project to ensure persistent access to cultural and scientific research data
- 4) 105 Social Sciences & Humanities **KOS** recorded (Life Sciences observatory underway)

Data Mining:

Identifier	Schema Name/Title	Phenomena included
KOS.HSS.35	MDA archaeological objects Thesaurus	For the recording of portable archaeological objects.
KOS.HSS.35.1	Archaeological Objects	Earlier versions (editions) ... History of versioning: Version Notes: *This beta release is a draft for your review and evaluation before its final release in February 1996--p. [3] of Quick reference card.
KOS.HSS.36	Archaeological Sciences	Version 0.9 B Version 1.0 Accompanies special issue of Visual resources, v. 11, no. 3-4, 1996.
KOS.HSS.37	Thesaurus of building materials for use in architectural records	Version 0.9 B Version 1.0 1st Edition Creator(s)/Curator(s) Maintenance organization Place: Publisher, date.
KOS.HSS.37.1	Building Materials Thesaurus	1st Edition Online Version Frau Prof. Hagedorn-Saupe Institut für Museumsforschung (& Getty Art History Information Program) Berlin : Institut für Museumsforschung, 2014.
KOS.HSS.38	Cargo Thesaurus	1st Edition Online Version Revised 2016 n/a Santiago : El Centro de Documentación de Bienes Pa
KOS.HSS.39	Components Thesaurus	n/a Hent van de Waal, Rudi Fuchs, Leendert Couprie Koninklijke Nederlandse Akademie van Wetenschappen Amsterdam : North-Holland, 1973-1981.
KOS.HSS.40	Defence of Britain Thesaurus	n/a Version 1.0 Hent van de Waal Utrecht University Leiden/Utrecht : ICONCLASS Research & Development, 2000.
KOS.HSS.41	Evert Thesaurus	Version 3.0 Version 4.0 Core Schemas: Unrestricted Version Reem Weda RKD-Nederlands Instituut voor Kunstgeschiedenis The Hague : RKD-Nederlands Instituut voor Kunstgeschiedenis, 2010.
KOS.HSS.42	Evidence Thesaurus	n/a Robert G. Chenhall Nashville : American Association for State and Local History, 1989.
KOS.HSS.43	Farmstead Thesaurus	n/a Version 1 Robert G. Chenhall, James R. Blackaby, Patricia Greeno, James R. Blackaby, Patricia Greeno, Robert G. Chenhall Nomenclature Committee, Inc. Walnut Creek, Calif. : AltaMira Press, 1995.
KOS.HSS.44	First World War Thesaurus	Version 6.2.1 Version 6.2.2 Paul Boucher, Ruby Rogers Nomenclature Committee, Inc. Lanham, Maryland : Altamira Press, cop. 2010.
KOS.HSS.45	Heritage Crime Thesaurus	Darwin Core 1.4 (Draft Standard) Date issued: 12/02/2009 Paul Boucher, Heather Dunn Nomenclature Task Force New York : Rowman & Littlefield, 2015.
KOS.HSS.46	Historic Aircraft Thesaurus	n/a 2010-11-08; version 1.0 College Art Association (U.S.) Getty Art History Information Program Santa Monica, CA : The Getty Art History Information Center, 1996.
KOS.HSS.47	Historic Characterisation Thesaurus	n/a 1st Edition (1994) 2nd Edition (1997) Murtha Baca, Patricia Harpring The J. Paul Getty Trust Santa Monica, CA : J. Paul Getty Trust, 2006.
KOS.HSS.48	Manner of Loss List	n/a Version 5.0 J. D. Wees Library of Congress VRA BULLETIN, 23, no. 3, (1996): 57-58
KOS.HSS.49	Maritime Craft Thesaurus	n/a Alice Grant, Josephine Neuenhuis, Toni Petersen International Committee for Documentation Paris : CIDOC, 1995.

Annotation:

AREAS	1	2	3	4	5	6	7	8	9
1 FORM & STRUCTURE AREA	11 Logic	12 Mathematics	13 Statistics	14 Systemology	15 Organization	16 Metrology	17 Cybernetics (Control, Automata)	18 Standardization	19 Testing & monitoring
2 ENERGY & MATTER AREA	21 Mechanics	22 Physics of matter	23 Gen. & tech. physics	24 Electronics	25 Physical chemistry	26 Pure chemistry	27 Chemical technol. & appl.	28 Energy (sci. & technol.)	29 Electrical engg.
3 COSMO & GEO-AREA	31 Astronomy & astro-physics	32 Astronau-tics & space research	33 Basic geosciences	34 Atmosphere, sci. & tech.	35 Hydrographical sci. & tech.	36 KOS Types Vocabulary	ICC Classification		
4 BIO-AREA	41 Basic microbiol. sciences	42 Plant biology & cultivation	43 Animal biology & breeding	44 Veterinary sciences	45 Animal sciences & breeding	46 Terminology	038-8; 038-7;		
5 HUMAN AREA	51 Human biology	52 Health & theoretical medicine	53 Pathology & medicine	54 Clinical medicine & surgery	55 Psychology	56 Et. Taxonomy	048-9		
6 SOCIO-AREA	61 Sociology	62 State & politics	63 Public administration	64 Money & finances	65 Social aid, social politics	66 Li. Thesaurus	048-7		
7 ECONOMICS & TECHNOLOGY AREA	71 Gen. & natl. economics	72 Business economics	73 Technology in general	74 Mechanical & precision engg.	75 Building	76 Thesaurus	048-824		
8 SCIENCE & INFORMATION AREA	81 Science of science	82 Information sciences	83 Informatic computer sci.	84 Information in general	85 Information communication sci.	86 Thesaurus	n/a		
9 CULTURE AREA	91 Language & linguistics	92 Literature & philology	93 Music & musicology	94 Fine arts	95 Performing arts	96 Name authority list	036-397		

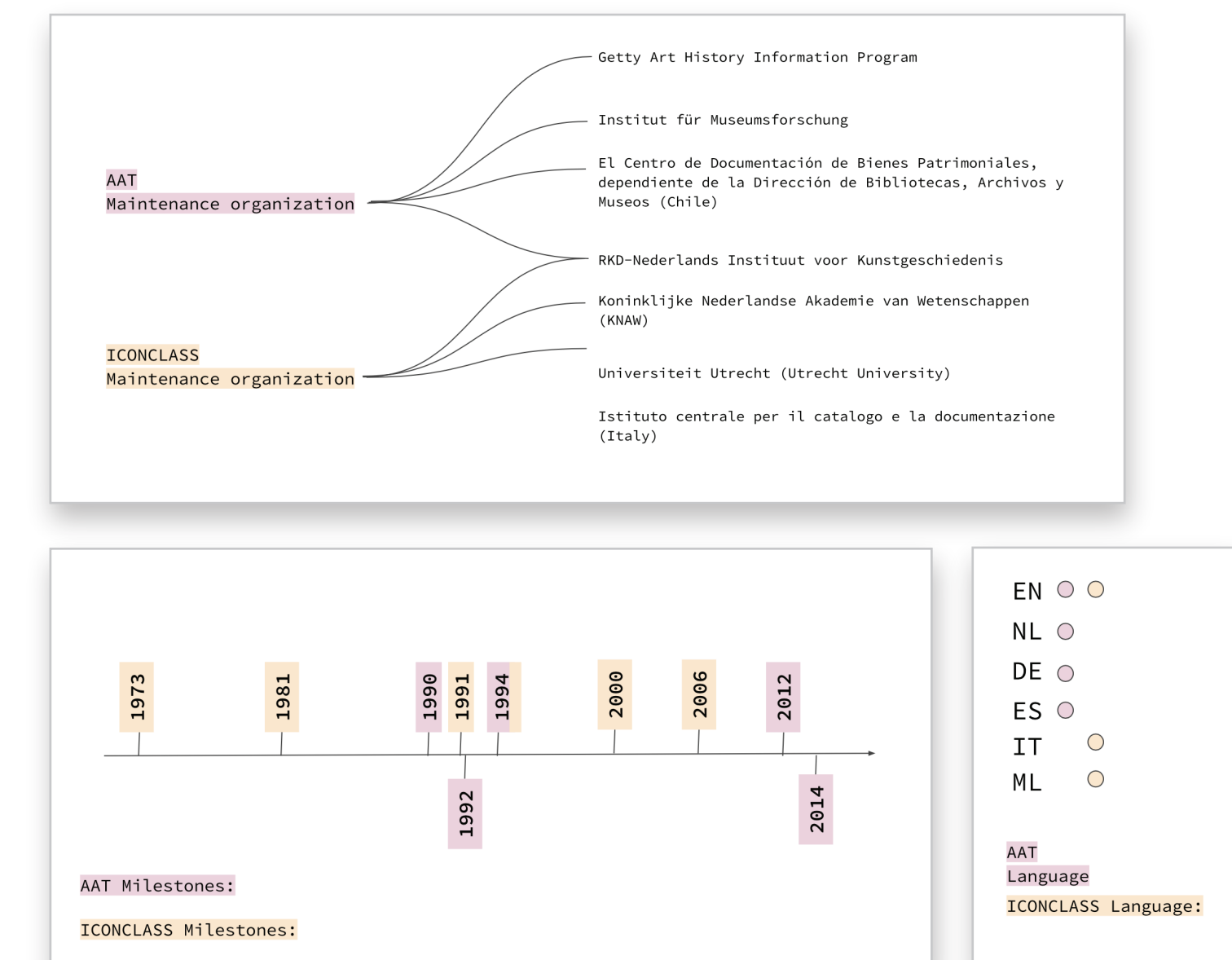
The first **KOS** registry annotated using the Information Coding Classification (ICC) developed by Dr. Ingetraut Dahlberg

Annex 2: Information Coding Classification (ICC)

SURVEY OF THE FIRST LEVEL SUBDIVISIONS

1 FORM AND STRUCTURE AREA	11 Logic	12 Mathematics	13 Statistics	14 Systemology	15 Organization Sci. & Technol.	16 Metrology	17 Cybernetics (Control, Automata)	18 Standardization	19 Testing and Checking
2 ENERGY AND MATTER AREA	21 Mechanics	22 Physics of Matter	23 General and Technical Physics	24 Electronics	25 Physical Chemistry	26 Pure Chemistry	27 Chemical Technology and Applied Chemistry	28 Energy (Scientific and Technological)	29 Electrical Engineering
3 COSMO AND GEO AREA	31 Astronomy and Astrophysics	32 Astronautics and Space Research	33 Basic Geosciences	34 Atmospheric, Oceanic, and Planetary Sciences	35 Hydrographical Sciences and Technology	36 KOS Types Vocabulary	ICC Classification		
4 BIO AREA	41 Basic Microbiology	42 Plant Biology and Cultivation	43 Animal Biology and Breeding	44 Veterinary Sciences	45 Animal Sciences and Breeding	46 Terminology	038-8; 038-7;		
5 HUMAN AREA	51 Human Biology	52 Health and Theoretical Medicine	53 Pathology and Medicine	54 Clinical Medicine and Surgery	55 Psychology	56 Et. Taxonomy	048-9		
6 SOCIO-AREA	61 Sociology	62 State and Politics	63 Public Administration	64 Money and Finances	65 Social Aid, Social Politics	66 Li. Thesaurus	048-7		
7 ECONOMICS & TECHNOLOGY AREA	71 General and National Economics	72 Business Economics	73 Technology in General	74 Mechanical and Precision Engineering	75 Building	76 Thesaurus	048-824		
8 SCIENCE & INFORMATION AREA	81 Science of Science	82 Information Sciences	83 Informatic Computer Science	84 Information in General	85 Information Communication Science	86 Thesaurus	n/a		
9 CULTURE AREA	91 Language and Linguistics	92 Literature and Philology	93 Music and Musicology	94 Fine Arts	95 Performing Arts	96 Name Authority List	036-397		

Example Case:



Attributes:

Identifier	Maintenance organization	Format(s)	Earlier versions (editions)	Last Updated	Disciplines included	Link to BARTOC
Schema Name/Title	Place: Publisher, date	Language	History of versioning	Number of versions in system	Direct domains included	KOS Types Vocabulary
Creator(s)/Curator(s)	Summary / Abstract	Physical/Online Location	Version Notes	Phenomena included	Related to	ICC Classification

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DANS is an institute of KNAW and NWO

DANS: Netherlands Institute for Permanent Access to Digital Research Resources

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