

Knowledge Organization

International Journal

Devoted to Concept Theory, Classification, Indexing, and Knowledge Representation

CONTENT

Preface to Special Issue

"What is Knowledge Organization"

Guest Editors:

Ia C. McIlwaine and Joan S. Mitchell

Feature

Interview with Ingetraut Dahlberg

December 2007

Articles

■ *Birger Hjørland.*

What is Knowledge Organization (KO)?

■ *Joseph T. Tennis.*

Epistemology, Theory, and Methodology in Knowledge Organization:
Toward a Classification, Metatheory, and Research Framework

■ *María J. López-Huertas.*

Some Current Research Questions in the Field of Knowledge
Organization

■ *Claudio Gnoli.*

Ten Long-Term Research Questions in Knowledge Organization

■ *Rebecca Green.*

Relationships in Knowledge Organization

■ *Marcia Lei Zeng.*

Knowledge Organization Systems (KOS)

ERGON-VERLAG

ISSN 0943-7444 Knowl.Org.

KO KNOWLEDGE ORGANIZATION

Official Quarterly Journal of the International Society for Knowledge Organization ISSN 0943 – 7444

International Journal devoted to Concept Theory, Classification, Indexing and Knowledge Representation

Contents

Preface to Special Issue

“What is Knowledge Organization”

Guest Editors:

Ia C. McIlwaine and Joan S. Mitchell..... 79

Feature

Interview with Ingetraut Dahlberg
December 2007..... 82

Articles

Birger Hjørland.
What is Knowledge Organization (KO)? 86

Joseph T. Tennis.
Epistemology, Theory, and Methodology
in Knowledge Organization:
Toward a Classification, Metatheory,
and Research Framework..... 102

María J. López-Huertas.
Some Current Research Questions
in the Field of Knowledge Organization113

Claudio Gnoli.
Ten Long-Term Research Questions
in Knowledge Organization137

Rebecca Green.
Relationships in Knowledge Organization150

Marcia Lei Zeng.
Knowledge Organization Systems (KOS)160

KNOWLEDGE ORGANIZATION

KO

Official Quarterly Journal of the International Society for Knowledge Organization ISSN 0943 – 7444

International Journal devoted to Concept Theory, Classification, Indexing and Knowledge Representation

KNOWLEDGE ORGANIZATION

This journal is the organ of the INTERNATIONAL SOCIETY FOR KNOWLEDGE ORGANIZATION (General Secretariat: H. Peter OHLY, Social Science Information Center, Lennestr. 30, D-53113 Bonn, Germany).

Editors

Dr. Richard P. SMIRAGLIA (Editor-in-Chief), Palmer School of Library and Information Science, Long Island University, 720 Northern Blvd., Brookville NY 11548 USA.
Email: Richard.Smiraglia@liu.edu

Dr. Clément ARSENAULT (Book Review Editor), École de bibliothéconomie et des sciences de l'information, Université de Montréal, C.P. 6128, succ. Centre-ville, Montréal (QC) H3C 3J7, Canada. Email: clement.arsenault@umontreal.ca

Dr. Ia MCILWAINE (Literature Editor), Research Fellow, School of Library, Archive & Information Studies, University College London, Gower Street, London WC1E 6BT U.K. Email: i.mcilwaine@ucl.ac.uk

Dr. Nancy WILLIAMSON (Classification Research News Editor), Faculty of Information Studies, University of Toronto, 140 St. George Street, Toronto, Ontario M5S 3G6 Canada.
Email: william@fis.utoronto.ca

Hanne ALBRECHTSEN, Institute of Knowledge Sharing, Bureaet, Slotsgade 2, 2nd floor DK-2200 Copenhagen N Denmark.
Email: hanne.albrechtsen@knowshare.dk

Gabriel MCKEE (Editorial Assistant), Palmer School of Library and Information Science, Long Island University.

Consulting Editors

Prof. Clare BEGHTOL, Faculty of Information Studies, University of Toronto, 140 St. George Street, Toronto, Ontario M5S 3G6, Canada. Email: clare.beghtol@utoronto.ca

Dr. Gerhard BUDIN, Dept. of Philosophy of Science, University of Vienna, Sensengasse 8, A-1090 Wien, Austria.
Email: gerhard.budin@univie.ac.at

Prof. Jesús GASCÓN GARCÍA, Facultat de Biblioteconomia i Documentació, Universitat de Barcelona, C. Melcior de Palau, 140, 08014 Barcelona, Spain. Email: gascon@ub.edu

Claudio GNOLI, University of Pavia, Mathematics Department Library, via Ferrata 1, I-27100 Pavia, Italy. Email: gnoli@aib.it

Dr. Rebecca GREEN, Assistant Editor, Dewey Decimal Classification, Dewey Editorial Office, Library of Congress, Decimal Classification Division, 101 Independence Ave., S.E., Washington, DC 20540-4330, USA. Email: greenre@oclc.org

Dr. Birger HJØRLAND, Royal School of Library and Information Science, Copenhagen Denmark. Email: bh@db.dk

Dr. Barbara H. KWASNIK, Professor, School of Information Studies, Syracuse University, Syracuse, NY 13244 USA, (315) 443-4547 voice, (315) 443-4506 fax. Email: bkwasnik@syr.edu

Dr. Jens-Erik MAI, Faculty of Information Studies, University of Toronto, 140 St. George Street, Toronto, Ontario M5S 3G6, Canada. Email: je.mai@utoronto.ca

Ms. Joan S. MITCHELL, Editor in Chief, Dewey Decimal Classification, OCLC Online Computer Library Center, Inc., 6565 Frantz Road, Dublin, OH 43017-3395 USA.
Email: joan_mitchell@oclc.org

Dr. Widad MUSTAFA el HADI, URF IDIST, Université Charles de Gaulle Lille 3, BP 149, 59653 Villeneuve D'Ascq, France

H. Peter OHLY, IZ Sozialwissenschaften, Lennestr. 30, 53113 Bonn Germany. Email: oh@iz-soz.de

Dr. Hope A. OLSON, School of Information Studies, 522 Bolton Hall, University of Wisconsin-Milwaukee, Milwaukee, WI 53201 USA. Email: holson@uwm.edu

Ms. Annelise Mark PEJTERSEN, Systems Analysis Dept., Risø National Laboratory, P.O. Box 49, DK-4000 Roskilde, Denmark

Dr. M. P. SATIJA, Guru Nanak Dev University, School of Library and Information Science, Amritsar-143 005, India

Dr. Otto SECHSER, In der Ey 37, CH-8047 Zürich, Switzerland

Dr. Winfried SCHMITZ-ESSER, Salvatorgasse 23, 6060 Hall, Tirol, Austria.

Dr. Dagobert SOERGEL, College of Information Studies, Hornbake Bldg. (So. Wing), Room 4105, University of Maryland, College Park, MD 20742. Email: dsoergel@umd.edu

Dr. Eduard R. SUKIASYAN, Vozdvizhenka 3, RU-101000, Moscow, Russia.

Dr. Joseph T. TENNIS, The Information School of the University of Washington, Box 352840, Mary Gates Hall Ste 370, Seattle WA 98195-2840 USA. E-mail: jtennis@u.washington.edu.

Dr. Martin van der WALT, Department of Information Science, University of Stellenbosch, Private Bag X1, Stellenbosch 7602, South Africa. Email: msvdw@sun.ac.za

Prof. Dr. Harald ZIMMERMANN, Softex, Schmollerstrasse 31, D-66111 Saarbrücken, Germany

Founded under the title *International Classification* in 1974 by Dr. Ingetraut Dahlberg, the founding president of ISKO. Dr. Dahlberg served as the journal's editor from 1974 to 1997, and as its publisher (Indeks Verlag of Frankfurt) from 1981 to 1997.