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ONTOCOP: Virtual Community Of Practice to build Ontology of Information Science

### Original Citation

Sawsaa, Ahlam and Lu, Joan (2011) ONTOCOP: Virtual Community Of Practice to build Ontology of Information Science. In: International Conference on Education and Learning in Mobile Age 2011, 1-2 June 2011, Lake District, UK.

This version is available at <http://eprints.hud.ac.uk/id/eprint/12822/>

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# ONTO COP

## Virtual Community Of Practice to build Ontology of Information Science

### Abstract

**Purpose:** To visualis the knowledge of the Information Science (IS) domain. Implementation of the ontology of (IS) has a huge impact in many areas for instance, for people and agents when they collaborate and working as a team project with the differences of their experience and opinions. Furthermore, it is a key element for scholars to gain consistent information in a specific domain..

**Aims & Objectives:** Of this study is to provide a visualisation of area that is shared by members of VCops, by describing the terminology and conceptual model of Information Science.

**Design/methodology/approach:** Building a new ontology requires conceptualisation, requirements analysis, formalisation, implementation, maintaining an evaluating.

**Research limitations:**The research focuses only on virtual communities of practice of around the world. The research conducted to share knowledge between bodies of professionals in the domain of Information science.

**Practical implications:** The results will provide support for the recent efforts for knowledge base systems. Also Ontology is not just for knowledge based systems, but it can be used for software systems as a model of words. Hence, it supports semantic web to leverage the research retrieval.

**Funding:** The OntoCop website is designed to support groups to interact, it contains tools to enable participations communicate effectively as Forum, chatting and emails.

**Originality/Value:** Creating ontology of Information Science based on the knowledge transferring tacit knowledge between peer to peer. Furthermore , it will be machine readable by OWL language.

**Keywords:** Communities of practice, knowledge mapping , ontology, knowledge management, virtual community of practice, knowledge representation, knowledge sharing

