

The logo for FOSS4G 2006 features a stylized red and white graphic on the left, resembling a ribbon or a stylized letter 'G'. To its right, the text 'FOSS4G 2006 - Free And Open Source Software' is written in a bold, black, sans-serif font.

FOSS4G 2006 - Free And Open Source Software

Contribution ID : 90

Tutorial: Introduction to standards in geomatics

Wednesday 13 Sep 2006 at 13:30 (03h30')

This course is an introduction to recent international standards in the Geomatics/Geographic Information field. They address different aspects of geomatics, from data acquisition to their distribution and increase the interoperability between systems and data. This course focuses on the two principal sets of international standards in the field: the ISO 19100 series (TC 211) and the Open Geospatial Consortium (OGC) specifications. These standards are of great interest for both industry and governmental agencies that are trying to adapt their current processes according to these new standards.

This tutorial presents the basic concepts on geographic information standards (introduction on standards and more specifically the ISO/TC211 Geomatics standards). This course is intended for people who want to get a general knowledge of international standards in geographic information, understanding their use and the aspects they cover.

Some general knowledge issues, prior to the comprehension of standards (e.g. UML), are examined in order to provide participants with a sufficient background, allowing them to pursue their study of standards beyond the course.

At the end of this course, participants will understand the general structure of the ISO/TC 211 and OGC standards as well as their relations and understand the role and the underlying general concepts of each of the ISO/TC 211 and OGC standards.

This session is a part of a larger course program (see: <http://geosoa.scg.ulaval.ca>) on International Standards developed by Natural Resources Canada and University Laval with the contribution of Centre de recherche de la Défense-Valcartier, Réseau GEOIDE, Pêches et Océans Canada, Centre de développement de la géomatique.

A similar tutorial has already been held during the ISO/TC 211 21st Plenary and associated meetings on September 12, 2005 in Montreal, Canada.

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Session classification : Course Session

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