

# ISO standardization activities related to geodetic references

Claude Boucher  
MEDDE, France

# Background

- A proposal to investigate standardization needs related to geodetic references has been submitted by France to the International Standardization Organization (ISO) early in 2012.
- This proposal was specifically sent to the ISO Technical Committee 211 on Geographical information/Geomatics
- This proposal was approved in June by ISO TC 211 under the title of Project 19161

# ISO TC 211: Project 19161

- Objectives
- Membership
- Some proposed standardization topics

# Objectives

- To investigate standardization requirements related to geodetic references, as viewed by various user communities (geographical information, air, space, marine and land navigation, satellite navigation applications...)
- To search for existing documents relevant to the topic, either ISO or non-ISO documents
- To discuss possible specific proposals of standards in the area

# Membership

- Representatives of countries (as oct 2012):
  - Canada
  - China
  - Denmark
  - France
  - Germany
  - Japan
  - Netherlands
  - Sweden
  - USA
- Representatives of liaison organizations (as oct 2012):
  - IEEE Geoscience and Remote Sensing Society (GRSS)
  - International organization of Oil and Gas Producers (OGP)

# Some standardization topics

- The International Terrestrial Reference System (ITRS) and its realizations
- Vertical references and world vertical system
- Universal identification of ground geodetic stations, such as GNSS stations

# Conclusion

- Interest and implication of ICG in project 19161: which strategy?
- A basic answer is to ask ICG members to consider to take part to the project:
  - Either through their national representative
  - Or through a liaison organization
- Application to ISO TC 211 liaison must be sent to the ISO TC 211 secretary Dr Bjornhild Saeteroy (bjs@standard.no)