e-Learning in Surveying

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SUMMARY

Several FIG events in the past years were dedicated to e-learning or related topics such as curriculum design, knowledge management, and management of education. E-learning is one of the main themes in Commission 2 - Professional Education.

FIG Commission 2 proposes the development of an FIG publication on e-Learning in Surveying. This technical report summarizes the outcomes from Commission’s workshops and working groups. The publication to be presented during the FIG Conference 2010 in Sydney. This technical report aims to bring together the experiences and viewpoints within FIG on the role of e-learning in surveying education. This with the intention to support FIG members and their affiliates and the surveying public in general in their efforts to further develop e-learning initiatives within their organisations.

The presentation will introduce the structure and contents of the FIG publication on e-Learning in Surveying, as follows.

Preface
Introduction e-learning
The needs for e-learning in surveying
Motivation for publication
What to expect in this publication
1. The concept of e-learning
What is e-learning - definitions
Pedagogy - models
Knowledge management
Alignment of policy, strategy and operations
2. The Nature of e-learning
Covering the „logical level”: Development of a knowledge base
e-Learning 2.0
Reusability
Metadata
Standards
3. E-learning technology and infrastructure
Covering the „physical level”: Technology
Virtual library
Learning infrastructure
End-to-end model for e-learning

4. Effective e-learning
   Networking, organizational issues
   Business models
   Benefits

5. Role e-learning in surveying
   Awareness building
   Platform for collaboration
   Sharing good practices
   Creating a ‘learning community’
   The growing importance of life-long-learning

6. FIG Policy on e-learning

7. Conclusions

APPENDIX – e-learning in Practice
   UNIGIS International Association
   ESRI Virtual Campus
   Australia, New Zealand
   Africa

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