e-Learning in Surveying

Bela MARKUS, Hungary and Liza GROENENDIJK, The Netherlands

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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

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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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CONTACTS

Prof. Dr. Bela Markus
University of West Hungary, Faculty of Geoinformatics
Pirosalma u. 1-3.
Székesfehérvár
HUNGARY
Tel. +36 (22) 516 552
Email: mb@geo.info.hu
Web site: www.geo.info.hu

Ir. Liza Groenendijk

Department of Urban and Regional Planning and Geo-information Management International Institute for Geo-information Science and Earth Observation (ITC) P.O. Box 6
7500 AA Enschede
The Netherlands
Tel. +31(0)53 4874 528
Empil: grappendiile@ita.pl

Email: groenendijk@itc.nl Web site: www.itc.nl