

E-LEARNING: THE FUTURE FOR LAND ADMINISTRATION STUDIES?

*Liza GROENENDIJK
Paul VAN DER MOLEN
Christiaan LEMMEN*

*ITC
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What to expect?

- Introduction
- FIG and e-learning
- The UNU School of Land Administration Studies
- The potential of e-learning
- Concluding remark



Introduction

- FIG's workplan 2007-2010: "Building the capacity"
- FIG Congress Sydney 2010: "Facing the challenges - Building the Capacity"
- FIG Commission 2 Professional Education: Working Group 2.2. e-Learning



FIG and e-learning

- FIG Workshop by Commission 2 and Commission 7, in June 2008:
Sharing Good Practices: e-learning in surveying, geo-information sciences and land administration



FIG and e-learning

- FIG Publication by Commission 2 to be presented at the FIG Congress in Sydney 2010: Enhancing Surveying Education through e-Learning

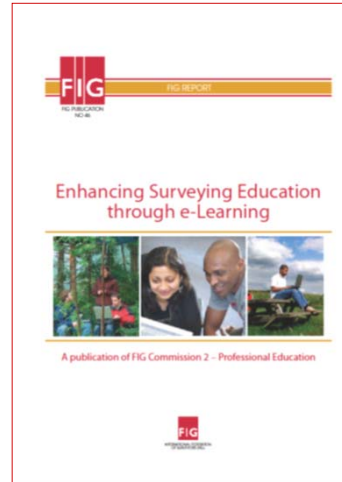


FIG and e-learning

- FIG recognises the need of capacity building in developing countries to meet the challenges of fighting poverty and to develop a basis for a sustainable future
- E-Learning can play a crucial role in capacity building of professionals in land administration for sustainable development



UNU School for Land Administration Studies

- UNU School for Land Administration Studies
- Established in 2006 in the framework of the United Nations University
- Joint effort by the International Institute of Geo-information Science and Earth Observation (ITC) and the Cadastre, Land registry and Mapping Agency (Kadaster), both in the Netherlands



UNU School for Land Administration Studies

- MSc Degree course in Land Administration
- PhD program
- Joint Education and Research in partnership with universities in developing countries
- Network of academic institutions in Land Administration
- Short and tailor-made courses
- Workshops for decision-makers



E-learning?

- and e-learning?
- ITC has 10 years experience with e-learning
 - 10 distance courses being offered
 - E-learning support unit
 - E-learning generally accepted in the institute



E-learning?

- E-learning the future for the UNU School of Land Administration Studies?
- Let's have a closer look at the potential of e-learning for the School...



Flexibility in time and place

- Online distance courses
 - No need to travel
 - No need to leave the office for long period
 - No need to leave the family for long period
 - Planning of study time is flexible
 - Low costs
- Land professionals in developing countries, in small island countries or other remote locations and female land professionals



High number of students

- Through online courses high numbers of students can be reached and trained

In developing countries and countries in transition high numbers of qualified land administration professionals are needed to implement and maintain sustainable land information systems.



Lifelong learning

- Online advanced or tailor-made courses
 - Rapid changes in surveying profession
 - Continuous knowledge update
 - Flexible learning paths
- UNU School of Land Administration Studies
 - Experienced in short, refresher and tailor-made courses
 - Further explore potential in international education



Multi-usable courseware

- Re-usability of learning objects
 - Sharing of learning objects
 - Upgrading
 - Use in online, face-to-face and blended courses
- MSc programme, short courses, blended courses, online courses
- Joint education programmes



Student-centred learning

- Learning Management System
- Collaborative e-learning tools
- You Tube, Google Earth

These e-learning tools promote student-centred learning, experience sharing, teamwork, motivation to learn and engagement in all courses offered by the UNU School of LA.



Knowledge building

Adult and mid-career students represent a wealth of knowledge and experiences:

- Local land information systems (registry, cadastres)
- Land policies
- Land tenure
- Land markets
- Land laws etc.



Knowledge building

Systematic reflection of country specific knowledge and experiences results in

- a continuous growing and up-to-date knowledge base on key issues in land administration
- supports continuous curriculum development



Professional networks

- Web 2.0 tools
- Communities of practice

These e-tools supports the UNU School of LA Studies to create and maintain professional networks or communities of practice

- Academics and professionals share their knowledge and concerns
- Regional, national and international levels



Academic partnership

Academic partnerships with China,
Tanzania, Vietnam, Namibia, Tanzania,
Indonesia, Nepal

Joint education:

- Video lectures
- Virtual classroom
- Virtual group work
- You tube: country case studies



Academic partnerships

Joint content development

- wiki

Joint research

- MSc supervision on a distance: Skype, SMS, e-mail, blogs
- PhD supervision
- Digital library



Global opportunities

- Open source: e-learning courses, learning materials
- Web-based learning

The UNU School of LA Studies is considering how to respond to the trend towards more open source course delivery



But...

- Teachers have to acquire new competencies
 - Interactive models of teaching and online pedagogy
- Time consuming
 - Re-think and re-structure
- Technical requirements
 - ICT capacity of online students and partner institutions
- Team work: secretariat, technical staff and lecturing staff
 - Academic staff not always used to this
- Quality assurance system
 - Online courses have less status



Concluding remarks

E-learning the future for Land
Administration Studies?

Yes!

What do you think?



Thank you!



*Participants FIG Workshop Commission 2 on e-Learning, June
2008, ITC, Enschede, The Netherlands*

