

Training and Professional Development: Issues and perspectives

Don't start when it is not sustainable

Prof.dr. Jaap Zevenbergen

Professor Land Administration and
Management, UT-ITC

Director UNU School for LA Studies

Member International Advisory Board GLTN

Co-chair WG 7.2 FIG

Sustainability

- Perhaps over-used term
- ‘don’t fish more per season than is newly born in that time’
- Has social, economic and environmental side
- Use natural environment in such a way that also next generations can use (= core of customary systems)

- Don’t start what you cannot keep running and not keep up-to-date

Sustainable Land Administration

- Access to land and security of tenure for all sectors of society
- Information generated is kept up-to-date
- Systems can continue to run when donor has left
- Efficient institutional arrangements including sharing and coordination between agencies and professionals

- Adequate numbers of staff at required levels, and assured training of new staff to replace those that retire or quit the job

Sustainable LA staff development

- (tomorrow more on capacity development in general)
- Land Administration is interdisciplinary
 - (land) surveying, land use planning, (land) law, real estate economics/valuation, (geo)-ICT
- To comprehend LA system you need 'generalists' to oversee the connections between parts and the whole
- You also need specialists for the parts, but they should be aware of the whole they contribute to
- We need competent implementers, but also (future) change agents !

Sustainable LA staff development

- Need for general concepts and national context
- Not only understand and work with the law, but also be able to suggest improvements to the law
- One model:
 - Bachelor in one of the fields on specifics
 - Master on interdiscipline of LA – should be real academic, not just understanding the current system

Sustainable LA staff development

- If many study abroad in Northern countries
 - Not all (recent) concepts are taught that are relevant for Southern countries
 - High end technologies that are not always available
 - Concepts that build on base that is not yet ready
- Need for programs that focus on South
 - ITC (Netherlands), TUM (Germany), ..
 - Programs run Jointly North-South
 - Regional programs in South (cf. LPI for Africa)

Sustainable LA staff development

- Bachelor and certainly Master programs should be part of 'normal' college/university system
- Also need for shorter (re-)training and Continuous Professional Development training
 - Hard these days for a 'research university'
 - Land Agency linked Training School risks only focusing on current system, not on "change agents"

Sustainable LA staff development

- E-learning / on-line / distance training
 - okay for 'hard skills' (techniques and tools)
 - but what about 'soft skills' ((change of) 'attitudes')?
- Blended learning a solution
 - number of online modules + residential period with peers from different countries at regional centre
- Initiatives e.g. E-learning on Land Governance by FAO for VG implementation

(land) surveyors and Land Administration

- Surveying/Geodesy → geomatics, geoinformatics – sometimes little focus on cadastral surveying
 - In Europe many of those programs have problems
- Surveying → land professional education (land management serious component)
- Technology makes ‘measurement’ a black box, other professions can take this over for many applications

(land) surveyors and Land Administration

- Surveyor knows about spatially referencing, data integration, quality (>accuracy), but ..
 - Needs to think from delivering a service to a client
 - Needs to act as facilitator to grassroots/crowd work
- Surveyor needs to know the broader land picture (measurement, modeling and management)
 - Needs to contribute to the solution, not be part of the problem (FIG president)
- Otherwise surveyor becomes obsolete profession

Current options at ITC and the UNU School for Land Administration Studies (ITC and Kadaster)

- MSc (Geoinformation Science and Earth Observation), 6 specializations, one is Land Administration
 - 2 year study load, delivered in 18 months
- Post Graduate Diploma (same, without research part)
 - delivered in 11 months
- Refresher courses for alumni who studied with NFP scholarship in the Netherlands (Nuffic) 2 weeks
- Tailor Made Trainings (Nuffic) 2-6 weeks
- Short courses (Kadaster/ITC) 3-10 days

Merci beaucoup
(aussi pour la traduction)