ADOPTION AND IMPLEMENTATION OF VGGTS IN THE CURRICULUM IN LAND ADMINISTRATION SPECIALIZATION FACULTY ITC UNIVERSITY OF TWENTE

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EMBRACING OUR SMART WORLD WHERE THE CONTINENTS CONNECT: ENHANCING THE GEOSPATIAL MATURITY OF SOCIETIES

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AGENDA

- Introduction – Structure of Land Administration Specialization
- VGGT’s in M8: Land policy and land management
- VGGT’s in M10: Innovative approaches for land administration
- VGGT’s in Advanced M13: Land governance
- Barriers to improve presence of VGGT’s in curriculum and by academic institutions
- Role of a core curriculum on RLA in increasing adoption of the VGGTs in the curricula
INTRODUCTION – STRUCTURE OF LA SPECIALIZATION

CORE modules: Block 1
Module 1-3 Geo-information Science and Earth Observation

COURSE modules: Block 2
Module 4 Database and geo-information modelling for LA
Module 5 Creating land information systems
Module 6 Cadastral data acquisition and 3D cadastre
Module 7 Securing land tenure
Module 8 Land policy and land management
Module 9 Organizing land administration
Module 10 Innovative approaches for land administration

COURSE Research modules: Block 3
Module 11 Research Skills
Module 12 Advanced Modules (12 & 13) Land Governance

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VGVT’S IN M8: LAND POLICY AND LAND MANAGEMENT

Implemented through: student led reading discussions

**Objective:** to support deeper understanding and comprehension of theory; and analysis and application of theory and practice, especially in the areas of land acquisition and land markets.

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Barriers to improved presence of VGVT in curricula

- **Time** – little time to impart all in the VGVT
- **Teacher understanding of the VGVTs**…might teachers need a training on them?
- **Delivery methods**: finding the most effective way of teaching VGVTs
VGGT’S IN M10: INNOVATIVE APPROACHES FOR LAND ADMINISTRATION

Implemented through: Class assignment

Objective: using STDM compliant & innovative tools for tenure recordation to create a low cost cadaster (in this case Open Tenure)

Barriers to improved presence of VGGT in curricula

- Access to software
- Teacher understanding of the software & principles behind it
VGGT’S IN ADVANCED M13: LAND GOVERNANCE

Implemented through: lecture on VGGTs from FAO (in person or on-line)
This is on higher national/international land governance level

Objective: understand and learn about various international initiatives and tools for promoting good land governance (1st learning outcome of this module)

✓ Dev. Process, Content, Overview

Barriers of VGGT in curricula
- How mandatory is Voluntary?
- Students are fresh BSc or at the beginning of their carriers
WHAT ARE THE BARRIERS TO IMPROVED PRESENCE OF THE VGGTS IN THE CURRICULA?

- Bachelor’s curricula's (in geodesy, land surveying etc.) are with focus on local/country level circumstances
- FAO VGGT’s country contact points perhaps more closer to Ministries than Academia?
- International BSc curricula’s have some emphases
- Better VGGT’s promotion on BSc education level?
WHAT ARE THE BARRIERS TO IMPROVED AWARENESS OF THE VGGTs BY ACADEMIC INSTITUTIONS?

- International Postgraduate and Masters Programme’s would benefit more from similar experiences like ITC link to FAO and FIG Academic Forum

- PhD research becoming more strict and more focused on ISI journals with high impact factor

- Increase visually VGGT’s in higher education (both local and International?)
ROLE OF A CORE CURRICULUM ON RLA IN INCREASING ADOPTION OF THE VGGTS IN THE CURRICULA

- Definitively beneficial and VG GT’s adequately spread over 6 modules
- Potential risk: practical usability of on-line RLA curricula
THANK YOU FOR YOUR ATTENTION

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