SUB-PROGRAMME 6:
ICT/GIS for sustainable rural development

TITLE:
E-LEARNING FOR DEVELOPMENT IN RURAL UGANDA: CO-EVOLUTION IN TRIPLE HELIX PROCESSES

AUTHORS:
P. O. Lating, *Sub-Department of Engineering Mathematics, Makerere University, Uganda*
S.B.Kucel, *Department of Mechanical Engineering, Makerere University, Uganda*
L.Trojer, *Division of Technoscience Studies, Blekinge Institute of Technology, Sweden*

PUBLICATION:
This paper was presented at the Conference on Collaborative Research for Technological Development, 17-18th December, 2007, Kampala, Uganda. Proceedings of the conference not yet published by Faculty of Technology.

ABSTRACT
This paper shows how an ICT/GIS Research Center was established in a remote, poor and insecure Ugandan rural district of Arua, 500 kms from Kampala, the capital city. The triple helix methodology was used in this process. The Research Center which was meant to support the implementation of hybrid e-learning in two girls' secondary schools in Arua, is now offering Internet access, ICT training, digital library services and ICT technical support in the West Nile region of Uganda (8 rural districts), Southern Sudan and Eastern Democratic Republic of Congo. The paper discusses the challenges experienced in the implementation of the triple helix processes. It concludes by highlighting the role of multi stakeholder collaboration in knowledge generation in rural areas.

Keywords: Uganda; Triple Helix Methodology; Multi stakeholder collaboration, Rural ICT.