

## OCHANDA CV

### 1 Personal information

Name: Nicholas Muspa Ochanda

Date of Birth: 10/10/1953

Place of birth: Kakamega -Kenya

### 2 Education and Training

2007 GIS for resource mapping and planning, CETRAD

1989 MA –Planning, University of Nairobi

1987 BSc. University of Nairobi

### 3 Employment

1994 Lecturer, University of Nairobi

1992 Lecturer, Egerton University

1990 Lecturer, University of Nairobi

1980 Resource Ecologist, Department of Resource surveys and remote sensing

1978 Research assistant, Forest working group, East African Wildlife society

### 4 Membership

2013 Research, Consultancy and Collaborations Committee, School of Education, UON

### 5 Conferences

2013 A collaborative conference between Linkoping University and University of Nairobi

Theme: Uplifting the poor, Kenya science Campus, UON. February 15<sup>th</sup> – 16<sup>th</sup> 2013

Role: Chair Organizing Team

2011 African leadership conference on space science and technology for sustainable development

Participant

1999 International symposium on International Space Station (ISS), International Space University

Theme: ISS-The next space Marketplace

Role Session Chair, Education and public awareness

1998 International symposium on new space markets, International Space University, France

Role: presented a paper

## 6 Research

Proposed PhD research topic: ICT Adoption and use in Higher education in Kenya- the case of UON/KU

## 7 Consultancies

1 Inventory of Greenhouse gases from land use change and forestry - *MTTT*

2 Evaluation of sample aerial photography for mapping woody biomass in rural areas of Embu and Meru Districts of Kenya – *Beija institute*

3 Determination of Block aerial photography for estimation of fuel wood availability in Kakamega district of Kenya *KENYA WOODFUEL AND AGROFORESTRY PROGAM*

4 Testing the reliability and precision of SPOT data for generating woody biomass information in high potential districts of Kenya

## 8 Publications

Ochanda, N. (2000). Searching for new opportunities from the International space station and using them in Eastern Africa. *In Haskell, G. and M. Rycroft (Eds.) International space station: operations and opportunities* Dordrecht: Kluwer Academic Publishers. pp. 165-173

Ochanda, N. (1998). Integration of remote sensing into local markets. *In Haskell, G. and M. Rycroft (Eds.) New space markets.* Dordrecht: Kluwer Academic Publishers. Pp.67-73

Ochanda, N. and H. EPP. (1982). Monitoring recent changes in extent of natural forest cover in Kenya using remote sensing techniques. *In International Archives of ISPRS Vol. 24-VIII-1 pp. 489-493*

Ochanda, N. (1981). Monitoring the forest cover changes in in the arid and semi-arid areas of Kenya. International workshop on strategies for developing the resources of arid and semi-arid areas of Kenya. Nairobi.

Ochanda, N. J. P. Delsol and J. L. Agatsiva. (1990). Use of SPOT data in evaluating interrelationships between human settlements and forest resources in Namanga area of Kenya. *In proceedings of 23<sup>rd</sup> symposium on remote sensing of the environment ERIM Vol. 1 pp. 499- 508*

EPP, H., J.L. Agatsiva, N. Ochanda and D. Lantieri. (1983). Application of remote sensing to earth resources monitoring in Kenya. *In ITC Journal 1983-2, pp. 148-153*

Delsol, J. P. , P. Maurel, N. Ochanda. (1986). Un cas D Edute laforet tropical de Kakamega – Nandi Uest Kenya. *In 20<sup>th</sup> International Symposium on remote sensing of the environment (ERIM) Nairobi*

Doute, R. N. Ochanda, H. Epp. (1981). Forest cover mapping in Kenya using remote sensing techniques, Nairobi: KREMU technical report Number 30

Ochanda, N. (1999). Inventory of Greenhouse gases from land use change and forestry. Kenya country study on climate change. MTTT publication

Ochanda, N. (1987). Traditional settlements, pastoral migrations and the Turkwell dam. *In Kenya From Space: an aerial atlas of Kenya > Nairobi: East African Education Publishers.*