

I. Personal Particulars

1. Name: Pius Zebhe Yanda
1. Date of Birth: 15th March, 1960.
2. Place of Birth: Kasulu District, TANZANIA.

II Contact Address

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III Academic History (University Education)

- 1983-1986: B.Sc.(Geology), University of Dar-es-Salaam
1987-1989: M.Sc. in Natural Resources Management at Agricultural
University of Norway (Ås),
1991-1995: Ph.D in Physical Geography, Stockholm University

IV Working Experience

- (a) 1986-1988: Tutorial Assistant (Research), University of Dar es Salaam
(b) 1988-1991: Assistant Research Fellow, University of Dar es Salaam
(c) 1991-1997: Research Fellow, University of Dar es Salaam
(d) 1997-June 2001: Senior Research Fellow, University of Dar es Salaam
(e) July 2001 to date : Associate Research Professor
(f) July 2006 to date: Director, Institute of Resource Assessment (IRA),
University of Dar Es Salaam

V Relevant Research Projects Undertaken

- a. Management Strategy for the Lake Manyara Basin, north-eastern Tanzania" research programme, 1986-1987.

- b. Environmental Impact Rapid Appraisal Study for the proposed Namtumbo-Likuyu Refugee Settlement Road Construction, Songea" (Funded by ILO).
- c. An assessment of land use conflicts in Mto wa Mbu and its catchment area, Arusha" (Funded by ILO).
- d. Environmental Impact Rapid Appraisal study for Pemba Small Scale Irrigation Project - Zanzibar" (Funded by ILO).
- e. Baseline Mapping for Monitoring Desertification in Naberera, Bukombe, Bulunde, Igalula, Monduli, Mtera and Kikilo areas (Funded by UNSO).
- f. **Team Leader:** Villagers Perceptions on Land Degradation in Tanzania, the case of Kondoa Irangi Hills (Funded by the World Bank). The report published as World Bank.
- g. **Team Leader:** Kilosa District: Land Use and natural Resources Assessment Research Project (Funded by Irish Aid through Kilosa District Council).
- h. Environmental Impact Assessment (Physical Assessment)" for the Proposed Hydropower Scheme Project (Funded by Sida).
- i. **Team Leader:** An Assessment and Mapping of the Extent of Encroachment in Forest Reserves of Tabora Region, Tanzania, Using Aerial Photography" Research Project (Funded by the World Bank through Ministry of Natural Resources and Tourism).
- j. Wetland Study in the Lake Manyara Basin (Funded by USAID through WWF and TANAPA).
- k. **Team Leader:** Biodiversity Conservation and Resource Management in the Eastern Rift Vally Lakes and Wetlands in Tanzania.
- l. Man-Land Interrelationships in Semi-Arid Central Tanzania Research Project (Funded by Sida/Sarec).
- m. Water Resources Management in the Pangani Basin Research Project (Funded by NORAD).
- n. **Team Leader:** Sustainable Natural Resources Management in the Semi Arid Areas" Research Project (Funded by the European Union).
- o. **Team Leader:** Integrated Inland Coastal Zone Management Project of the Southern African Network for Training and research on Environment, under the Capacity Building in the Environment Project". This includes Lakes Malawi/Nyasa and Kariba involving Tanzania, Malawi, Zambia and Zimbabwe.
- p. **Team Leader:** Highland-Lowland Interactions in Natural Resources Use and effects on Poverty Levels; The Case of Karatu and Monduli Districts, Northern Tanzania" (Funded by Research on Poverty Alleviation Program).
- q. Socio-economic Study on Unzungwa Mountains National Park and the Surrounding Communities (Funded by WWF-Tanzania).
- r. Kihansi Area Conservation Plan. Study Undertaken for TANESCO
- s. **Team Leader:** Survey and Mapping of Land Use/Cover and Erosion Hazard in Lake Victoria Basin (Funded by the World Bank through LVEMP).

- t. **Team Leader:** Baseline Study of the Muyovozi-Malagarasi Wetlands in Western Tanzania (Funded by DANIDA)
- u. **Team Leader:** Assessment of the Status of Game Controlled Areas as a Basis for Proposing Wildlife Management Areas in Tanzania (Funded by WWF-USAID).
- v. **Team Leader:** Inventory of the Status of Wetlands and Development of Monitoring Tools in Tanzania (Funded by Wildlife Division, United Republic of Tanzania).
- w. **Team Leader:** Assessment of Land Use Changes on the Slopes of Mt. Kilimanjaro as a Response to Population Changes (Funded by NORAD).
- x. **Team Leader:** Assessment of the Status of Proposed Extension and Establishment of New National Parks and the Surrounding Areas (Funded by FZS for TANAPA).
- y. **Team Leader:** Training on Capacity Building in the Use of Land Use/Cover and Erosion Hazard Database.
- z. Preparation of General Management Plan for Gombe National Park (Funded by TANAPA and USAID)
- aa. **Team Leader:** Natural Resources and Socio-Economic Baseline Studies in the Songwe River Basin (Funded by WWF-SARPO)
- bb. **Team Leader:** Assessment of the Status of Catchment Forests on the Eastern Arc Mountains (Funded by NORAD through Ministry of Natural Resources and Tourism).
- cc. **Team Leader:** Assessment of the Status of Game Controlled Areas (Funded by USAID through Ministry of Natural Resources and Tourism).
- dd. Development of Sustainable Natural Resources Management Plan in the Pare Mountain Ecosystem
- ee. **Team Leader:** Wetland Utilization, Poverty Alleviation and Environmental Conservation in Semi-arid Areas of Tanzania
- ff. **Team Leader:** The Changing Livelihoods in the Maasai Plains
- gg. **Team Leader:** Forest Resources Assessment Project (Funded by the World Bank)

VI Extra Curricular Activities

Involvement in Regional Environmental Related Programs

- 1995-1997: Member of Experts in developing guidelines for monitoring land degradation in the SADC countries.
- 1996-1997: Environmental information system in the sub-saharan africa (A meeting was held in Cape Town, south Africa).
- 1997 – todate: Member of Miombo Network which looks at various environmental related issues in the Miombo Region (this includes a substantial number of SADC countries).

- 1997 – todate: Member of Southern African Network for Training and Research on the Environment (SANTREN).
- 1999 – todate: Member of Regional Networks for Implementation of the Global Observation of Forest Cover (GOFC) Project in the Tropics.
- 1999 – todate: Coordinating Studies on Integrated Inland Coastal Zone Management sub-project as part of the “Capacity Building in the Environment Program” under SANTREN. My responsibility is for Lakes Manyara and Kariba.
- 2000 – todate: Member of the PAN-AFRICAN START Regional Committee (PACOM).
- 2005 – 2006: Participated as a Lead Author in the Preparation of Chapter 9 (Africa Chapter) of the IPCC Fourth Assessment Report on Vulnerability, Impact and Adaptation.

Involvement in National Environmental Related Programs

- 1997-todate: Coordinator of the National Natural Resources Information Centre housed at the University of Dar es Salaam.
- 1997 – 1999: Member of the National Technical Committee to develop a national program on Environmental Information System (EIS) in Tanzania.
- 1998 – todate: Member of the National Technical Committee to oversee the operation of the Africover Project in Tanzania.
- 1999 – todate: Member of the National Project Preparation Committee to develop a “National Forest Conservation and Management Project” to be funded by the World Bank.
- 1995 todate: Coordinated several research programs on environmental related aspects.
- 1995 todate: Teaching undergraduate and postgraduate studies in environmental related subjects.
- 1995 todate: Supervising postgraduate students in environmental related subjects.
- 1995 todate: External Examiner for MSc Dissertations.
- 2001 todate: Board Member of Tanzania Wildlife Research Institute (TAWIRI)

VII Publications

A. Journal Articles

1. Chorowicz, J, I. Roggeri, J.P. Rudant, G. Tamain and **Yanda, P.Z.** (1988): Structural survey of the Ufipa Block (Karema area, Lake Tanganyika, Tanzania). In: *Lavreau, J. and C. Bardinnet (Eds) (1988); Image analysis, Geological Control and Radiometric Survey of LandSat TM Data in Tanzania. Ann Serie in 8, Sc. Geol, 96, 43-62.*

2. Tamain, A.L., J. Lavreau, J.T. Nanyaro and **P.Z. Yanda** (1988): Regional Metallogenic analysis in Western Tanzania: Mineralization during the first stages of the Lower Proterozoic. In: *Lavreau, J. and C. Bardinet (Eds) (1988); Image analysis, Geological Control and Radiometric Survey of Landsat TM Data in Tanzania. Ann Serie in 8, Sc. Geol, 96, 5-11.*
3. Payton, R. W., C. Christiansson, E.K. Shishira, **P.Z. Yanda** and M.G. Eriksson (1992): Landform, soils and erosion in the North-Eastern Irangi Hills, Kondoa, Tanzania. In: *Geografiska annaler. Vol. 74 Ser A. 65-79.*
4. **Yanda, P.Z.** (1997): Classification of Soil Degradation Intensity as a Basis for Soil and Water Conservation Strategy in semi-arid and Sub-humid Areas: An example from Mwisanga Catchment, Kondoa, Central Tanzania. In ; *Journal of the Geological Society of Tanzania, Vol. 1(1997)*
5. Shishira, E.K., **Yanda, P.Z.** and Lyimo, J., (1998): Vegetation Dynamics and Management Implications in the Pugu and Kazimzumbwi Forest Reserves, Tanzania. *Coenoses 13 (3): 149-158.*
6. Stromquist, L., **Yanda, P.**, Lindberg, C., Msemwa, P., and Simonsson-Forsberg, L., (1999): The extended baseline perspective – Utilising land information to analyse and predict environmental change. A Tanzanian example. *Ambio Vol. 28, No. 5; 436-443.*
7. **Yanda, P.Z.** (2000): Use of Soil Horizons for Assessing Soil Degradation and Reconstructing Chronology of Degradation Processes: The case of Mwisanga Catchment, Kondoa, Central Tanzania. *Geomorphology, Volume/Issue 34/3-4; 209-225.*
8. **Yanda, P.Z. (2000):** Spatial and Temporal Extent of Gully Erosion in Kondoa District: The Case of Mwisanga Catchment, Central Tanzania. *Journal of Tanzania Geographical Association No. 28.*
9. **Yanda, P.Z. (2000):** Human Pressure on the Bio-physical Environments and the Emerging Environmental Degradation in Tanzania. *Journal of Tanzania Geographical Association No. 29.*
10. Majule, A., Shishira, E.K. and **Yanda, P.Z.** (2001): Declining Soil Fertility: A Challenge For Sustainable Productivity of Land Under Cashew Farms, Southern Areas Of Tanzania. *Journal of Tanzania Geographical Association No. 30; pp. 30-48.*
11. Ngana, J.O., R.B.B. Mwalyosi, N.F. Madulu, **P.Z. Yanda** (2003): Development of an integrated water resources management plan for the Lake Manyara sub-basin, Northern Tanzania - 1. *Physics and Chemistry of the Earth 28; 1033-1038.*
12. Ngana, J.O., R.B.B. Mwalyosi, N.F. Madulu, **P.Z. Yanda** (2004): Strategic development plan for integrated water resources management in Lake Manyara sub-basin, Northern Tanzania. In *Physics and Chemistry of the Earth 29; 1219-1224.*

13. **Yanda, P.Z.** and Madulu, F (2005): Water Resource Management and Biodiversity Conservation in the Eastern -Rift Valley Lakes, Northern Tanzania. *Physics and Chemistry of the Earth, Parts A/B/C, Volume 30, Issues 11-16. P. 717-725*
14. van Koppen, B., Sokile, C., Hatibu, N., Lankford, B. Mahoo, H. and **Yanda, P.** (2005): Formal Water Rights in Rural Tanzania: Deepening the Dichotomy? **IWMI Working Paper 71**
15. **Yanda, P.Z.**, Kangelawe, R.Y.M. and Sigalla, R. (2005): Climatic and Socio-Economic Influences on Malaria and Cholera Risks in the Lake Victoria Region of Tanzania. *AIACC Working Paper No. 12. www.aiaccproject.org.*
16. Majule, A., Shishira, E.K. and **Yanda, P.Z.** (2005): Soil Fertility Response to the Application of Selected Organic Residues under Sulphur Dusting in Southern Tanzania. *Bunda J. of Agric. Env. Sci. and Tech. Vol. 3-1, pp. 1-11.*
17. **Yanda, P.Z.**, Majule, A.E. and Mwakaje, A.G. (2005): Implications of Farming Practices on the Environment, Food Security and Poverty Levels in Matengo Highlands, Mbinga District, Southern Tanzania. *IJEE, Vol. IV, No. 1. P.55-80.*
18. **Yanda, P.Z.** (2005): Implications of Population Increase and Land Tenure on Land Resources Integrity in the Kondoa Lower Irangi, Central Tanzania - *The Case of Mrijo Village. Tanzania J. Pop. Stud. Dev., Vol. 12, No. 1, p. 103-112.*
19. **Yanda, P.Z.**, Madulu, N.F. (2005): Natural Resources Use Patterns in the Highlands and Lowlands of Karatu and Monduli Districts: A Study on Linkages and Environmental Implications – *Tanz. J. of Dev. Studies, Vol.6 No. 2, p. 1-22.*
20. **Yanda, P.Z.**, Kangelawe, R.Y.M. and Sigalla, R. (2006): Climatic and Socio-Economic Influences on Malaria and Cholera Risks in the Lake Victoria Region of Tanzania. *IJEE, Vol. IV, No. 3. P.44-70.*
21. Wandiga, S. O., Olago, D., Opondo, M., Githeko, A., Githui, F., Marshall, M., Downs. T., O pere, A., **Yanda, P.Z.**, Kangelawe, R., Kabumbuli, R., Kirumira, E., Kathuri, J., Apindi, E., Olaka, L. Ogallo, L. Mugambi, P., Sigalla, R., Nanyunja, R., Baguma, T. and Achola, P.(2006): Climatic, Socio-economic and Health Factors Affecting Human Vulnerability to Cholera in the Lake Victoria Basin, East Africa. *Ambio Vol. 36*
22. Wandiga, S. O., Opondo, M., Olago, D., Githeko, A., Githui, F., Marshall, M., Downs. T., O pere, A., **Yanda, P.Z.**, Kangelawe, R., Kabumbuli, R., Kirumira, E., Kathuri, J., Apindi, E., Olaka, L. Ogallo, L. Mugambi, P., Sigalla, R., Nanyunja, R., Baguma, T. and Achola, P.(2006): Vulnerability to Climate Induced Highland Malaria in East Africa. *AIACC Working Paper No. 25. www.aiaccproject.org.*

23. **Yanda, P.Z.**, Wandiga, S. O., Kangalawe, R., Opondo, M., Olago, D., Githeko, A., Githui, F., Marshall, M., Downs. T., O pere, A., Kabumbuli, R., Kirumira, E., Kathuri, J., Apindi, E., Olaka, L. Ogallo, L. Mugambi, P., Sigalla, R., Nanyunja, R., Baguma, T. and Achola, P. (2006): Adaptation to Climate Change/Variability – Induced Highland Malaria and Cholera in the Lake Victoria Region. **AIACC Working Paper No. 43. www.aiaccproject.org.**
24. **Yanda, P.Z.** (2006): Transformation of Natural Ecosystem to Agricultural Land and Implications on Environmental Integrity and Rural Livelihood in Lower Irangi, Semi-arid Central Tanzania. (**Accepted for Publication**) - *UTAFITI Journal of the Faculty of Arts and Social Sciences, Vol.7, No.1* of June 2006.
25. **Yanda, P.Z.** (2006): Drying of Lake Jipe – Is it Climatic and/or Human Induced Phenomenon?. (**Accepted for Publication**) – *IJEE*
26. Mung'ong'o, C.G. and **Yanda, P.Z.** (2006): Risks, Livelihoods and Vulnerability to Flooding in Kyela District, Mbeya Region, Tanzania. (**Accepted for Publication**): *Tanzania Economic Trends, TET: A Biannual Review of the Economy, Volume 19, No. 1*; June 2006.
27. **Yanda, P.Z.** and Ngana, J.O. (2006): **Integrated Natural Resources Management in the Highland – Lowland Ecosystems – The Case of Hingilili Catchment in the Pare Mountains, Northern Tanzania. (Accepted for Publication): *Journal of Geographical Association of Tanzania (JGAT); Issue No. 33***
28. Majule, A., J.O. Omollo and **P.Z. Yanda** (2006): Performance of Maize During Acid Amelioration with Organic Residues in Soils of Mtwara, Tanzania. (**Accepted for Publication**) - *Tanzania Journal of Sciences*
29. **Yanda, P.Z.** and Shishira, E.K. (Forthcoming): Diminishing Natural Resource Base and Peoples' Response in the Pare-Usambara Area, North Eastern Tanzania (**Submitted for Publication**).
30. **Yanda, P.Z.**, Shishira, E.K., Mwakaje, A.G. and Majule, A.E. (2005): Underlying Threats on Forest Reserves in Tabora Region, Wstern Tanzania . (**Submitted for Publication**). *Bunda J. of Agric. Env. Sci. and Tech.*
31. **Yanda, P.Z.** (Forthcoming): Impact of Small-Scale Tobacco Growing On The Spatial And Temporal Distribution Of Miombo Woodlands In Western Tanzania. (**Submitted for Publication**). *Bunda J. of Agric. Env. Sci. and Tech.*

B. Books/Book Chapters

1. **Yanda, P.Z. (1993):** Soil erosion and the degradation of arable land in Kondo, Tanzania. The case of Mwisanga Catchment area. In: Johan Dahl, D. Drakakis-Smith, and Anders Närman (Eds.); *Land, food and basic needs in developing countries*, Göteborg: University of Göteborg, Department of Human and Economic Geography; pp. 51-68.
2. **Yanda, P.Z. (1996):** Soil Erosion and the Fate of Ntomoko/Mwisanga Water Supply Scheme in Kondo District, Central Tanzania. In: Christiansson, C. and Kikula, I. S. (Eds.); *Changing Environment: Research on Man-Land Interrelations in Semi-Arid Tanzania*, Regional Soil Conservation Unit (SIDA), Nairobi, **Report No. 13**; 46-53.
3. Dejene, A., Shishira, E.K., **Yanda, P.Z.** and Johnsen, F. (1997): *Land Degradation in Tanzania; Perception from the Village: World Bank Technical Paper No. 370*.
4. **Yanda, P.Z. (1999):** *Water Infiltration Rates on Degraded Soils in Mwisanga Catchment, Kondo, Central Tanzania*. Chapter 6 in a book titled "Sustainable Agriculture in Semi-arid Tanzania, Dar es Salaam University Press (DUP), Dar es Salaam.
5. **Yanda, P.Z.** and Shishira, E.K. (1999): *Land Cover Changes and Driving Forces in Tanzania*. In Ravichandran, V. (Ed.): *Regional Land Cover Changes, Sustainable Agriculture and their Interactions with Global Change (with focus on sub-saharan African Countries)*. COSTED, Chennai
6. Schwabe, C.A., Ballance, A., Sola, L., Maxted, J., Mafuta, C., O' Donovan, M., and **Yanda, P. (2000):** *Strategy for the Development of Environmental Indicators for State of Environment Reporting in SADC*. The Southern African Research and Documentation Centre (SARDC IMERCSA).
7. **Yanda, P.Z.** and Shishira, E.K. (2001): *Forestry Conservation and Resource Utilisation on Southern Slopes of Mount Kilimanjaro: Trends, Conflicts and Resolutions*. *In: Water Management in Pangani River Basin (Chapter 3), Research Monograph Volume 1*.
8. Mpanda, S. and **Yanda, P.Z. (2001):** *Geological Evidences for the Formation of Springs on the Slopes of Mounts Kilimanjaro and Meru, Northern Tanzania*. *In: Water Management in Pangani River Basin (Chapter 2), Research Monograph Volume 1*.
9. **Yanda, P.Z.** and Mpanda, S. (2001): *Spring Water Discharge Variability on the Footslopes of Mount Kilimanjaro*. *In: Water Management in Pangani River Basin (Chapter 2), Research Monograph Volume 1*.
10. **Yanda, P. Z. (2001):** *Land Use Pressure on the Upper Slopes of Mount Kilimanjaro and Progressive Colonization of Marginal Areas on Footslopes*. *In: Water Management in Pangani River Basin (Chapter 7), Research Monograph Volume 2*.

11. E.K. Shishira & **P.Z. Yanda** (2004): Landscape Evolution in the Kondoa Irangi Hills, Central Tanzania. In: Kikula et al. (eds.): Geophysical and Socio-political Dynamics of Environmental Conservation in Kondoa District, Central Tanzania. MALISATA Monograph No. 1 (Chapter Three).
12. E.K. Shishira & **P.Z. Yanda** (2004): Landscape Vulnerability in the Kondoa Irangi Hills, Central Tanzania. In: Kikula et al. (eds.): Geophysical and Socio-political Dynamics of Environmental Conservation in Kondoa District, Central Tanzania. **MALISATA Monograph No. 1** (Chapter Four).
13. **P.Z. Yanda** & R.Y.M. Kangalawe (2004): Land Tenure and Use Dynamics in The Kondoa Irangi Hills. In: Kikula et al. (eds.): Geophysical and Socio-political Dynamics of Environmental Conservation in Kondoa District, Central Tanzania. MALISATA Monograph No. 1 (Chapter Eight).
14. Wandiga, S. O., Opondo, M., Olago, D., Githeko, A., Githui, F., Marshall, M., Downs. T., O pere, A., **Yanda, P.Z.**, Kangalawe, R., Kabumbuli, R., Kirumira, E., Kathuri, J., Apindi, E., Olaka, L. Ogallo, L. Mugambi, P., Sigalla, R., Nanyunja, R., Baguma, T. and Achola, P.(2006): *Climate Change Induced Vulnerability to Malaria and Cholera in the Lake Victoria Region*. Final Report Submitted to Assessments of Impacts and Adaptation to Climate Change (AIACC), Project No. AF91. The International START Secretariat. 76pp.
15. van Koppen, B., Sokile, C., Hatibu, N., Lankford, B. Mahoo, H. and **Yanda, P.** (2005): Water Rights and Water Fees in Rural Tanzania. In: Molle, F., Barker, R., and Berkoff, J., (Eds.): Between Prescription and Practice: Irrigation water pricing policies in context: pp 34.
16. Wandiga, S. O., Opondo, M., Olago, D., Githeko, A., Githui, F., Marshall, M., Downs. T., O pere, A., **Yanda, P.Z.**, Kangalawe, R., Kabumbuli, R., Kirumira, E., Kathuri, J., Apindi, E., Olaka, L. Ogallo, L. Mugambi, P., Sigalla, R., Nanyunja, R., Baguma, T. and Achola, P. (Forthcoming): Vulnerability to climate induced highland malaria in east Africa. *In: N. Leary, C. Conde, A. Nyong and J. Pulhin, eds., Accepted for Publication in Dimensions of Vulnerability in a Changing Climate - Case Studies from the Developing World.*
17. Wandiga, S. O., Opondo, M., Olago, D., Githeko, A., Githui, F., Marshall, M., Downs. T., O pere, A., **Yanda, P.Z.**, Kangalawe, R., Kabumbuli, R., Kirumira, E., Kathuri, J., Apindi, E., Olaka, L. Ogallo, L. Mugambi, P., Sigalla, R., Nanyunja, R., Baguma, T. and Achola, P. (Forthcoming): Vulnerability to climate induced highland malaria in east Africa. *In: N. Leary, C. Conde, A. Nyong and J. Pulhin, eds., Accepted for Publication in Dimensions of Vulnerability in a Changing Climate - Case Studies from the Developing World.*

18. **Yanda, P.Z.**, Wandiga, S. O., Kangalawe, R., Opondo, M., Olago, D., Githeko, A., Githui, F., Marshall, M., Downs. T., Opere, A., Kangalawe, R., Kabumbuli, R., Kirumira, E., Kathuri, J., Apindi, E., Olaka, L. Ogallo, L. Mugambi, P., Sigalla, R., Nanyunja, R., Baguma, T. and Achola, P. (Forthcoming): Adaptation to Climate Change - Induced Malaria and Cholera in the Lake Victoria Region. ***Accepted for Publication as a Chapter in the AIACC Adaptation Book.***
19. Vogel, C., Nyong, A. Boko M, Niang-Diop, I., Tabo, R. Osman Elasha, B., Githeko, A., **Yanda, P.Z.**, and Medany, M. (Forthcoming). Africa Chapter – Chapter 9. **Accepted for Publication In:** Climate Change Impacts, Adaptation and Vulnerability. ***Intergovernmental Panel for Climate Change (IPCC) (Working Group II). Fourth Assessment Report***

C. Research Papers/Reports

1. Mwalyosi, R.B.B. and **Yanda, P.Z.** (1989): Water Potentials in the Lake Manyara Catchment Basin. *I.R.A., Research Paper No. 20.* July, 1989. 36p.
2. **Yanda, P.Z.** and Mohamed, S.A. (1990): The Environmental Impact of Irrigation Schemes: The case of Mto wa Mbu, Arusha, Tanzania. A reconnaissance survey. *I.R.A. Research Paper No. 24.* January, 1990. 27p.
3. Shishira, E.K. and **Yanda, P.Z.** (1994): The Mtera Reservoir Ecosystems: Towards Assessment of the Landuse Factor. *IRA Research Report No 93,* University of Dar es Salaam, December, 1994.
4. Kikula, I. S., Charnley, S. and **Yanda, P.Z.** (1996): *Ecological Changes in the Usungu Plains and Their Implications on the Down Stream Flow of the Great Ruaha in Tanzania.* *IRA Research Report No 99,* University of Dar es Salaam, September, 1996.
5. Yanda, P.Z. and Mung'ong'o, C.G, (1999): *Farming Systems of Kasulu District, Western Tanzania, A Case Study of Buhoro, Ruhita and Titye Villages,* **IRA Research Paper No. 45,** Institute of Resource Assessment, Dar es Salaam.
6. **Yanda, P.Z.**, Shishira, E.K., Madulu, F.N., Maganga, F.N. and Mponzi, T. (2000): *Integrated Coastal Zone Management –The Case of Lake Nyasa. Understanding Environmental Problems and Potential Intervention Measures.* Research Report; Institute of Environmental Studies (IES), University of Zimbabwe.
7. Ngana, J.O., R.B.B. Mwalyosi, N.F. Madulu, and **P.Z. Yanda** (2004): Strategic Plan for Sustainable Water Resource Management in the Lake Manyara Sub-Basin. Final Report, FARFSA.

8. **Yanda, P.Z.**, Madulu, N.F. (2004): Natural Resources Use Patterns and Poverty Alleviation Strategies in the Highlands and Lowlands of Karatu and Monduli Districts: A Study on Linkages and Environmental Implications. **REPOA Research Report No....**
9. **Yanda, P.Z. (2004)**: Land Use Research in The Lake Victoria Basin, Tanzania Part Analysis and Synthesis Report. Final Report Submitted to the Inter-University Council for East Africa.
10. **Yanda, P.Z.**, Majule, A.E., Mwakaje, A.G. (Forthcoming): Wetland Utilisation, Poverty Alleviation and Environmental Conservation in Semi Arid Areas of Tanzania – *The Case of Singida and Dodoma Regions*. **Final Report Submitted to REPOA**
11. **Yanda, P.Z.**, William, C.M.P. (Forthcoming): **The Changing Livelihoods in the Maasai Plains – Implications on Poverty Levels and Sustainability of Natural Resource Base**. **Final Report Submitted to REPOA**

D. Working Papers

1. **Yanda, P.Z. (1991)**: Soil erosion as a major contributing factor to the degradation of arable land in the Kondoa District, Central Tanzania-the case of Mwisanga Catchment area. *EDSU Working Paper No.7*, School of Geography, Stockholm university, 16p.
2. **Yanda, P.Z. (1992)**: Land use and land degradation in Kondoa Irangi Highlands, Kondoa District, Central Tanzania-the case of Mwisanga Catchment area. *EDSU Working Paper No.20*, School of Geography, Stockholm University, 11p.
3. **Yanda, P.Z. (1994)**: Mmomonyoko wa udongo katika bonde la Mwisanga na hali ya mradi wa maji wa Ntomoko-Mwisanga, Wilaya ya Kondoa, Tanzania. Utafiti wa binadamu na mazingira mikoa ya kati, Tanzania. EDSU/IRA Swahili Seies No. 4. 8p.
4. **Yanda, P.Z.**, Kangalawe, R.Y.M. and Sigalla, R. (2005): Climatic and Socio-Economic Influences on Malaria and Cholera Risks in the Lake Victoria Region of Tanzania, **AIACC Working Paper No. 12**.
5. van Koppen, B., Sokile, C., Hatibu, N., Lankford, B. Mahoo, H. and **Yanda, P.** (2004): Formal Water Rights in Rural Tanzania: Deepening the Dichotomy?. **IWMI Working Paper 71**.

E. Workshop Proceedings

1. Shishira, E.K. and Yanda, P.Z. (1992): Land use pattern in the Mtera Reservoir Ecosystem. *Paper presented at the Workshop on Environmental Conservation of the Mtera Reservoir Ecosystem*, Iringa, Tanzania. 1 -6 August, 1992. 26p.

2. **Yanda, P. Z.** (1994): Soil Erosion and Environmental Implications in the Mwisanga Catchment, Kondoa Irangi Hills, Kondoa District, Central Tanzania. A paper presented at the Workshop on Man-Land Interrelationships held in Dodoma, Tanzania. February 14-19, 1994.
3. **Yanda, P.Z.** (1995b): *Classification of Soil Degradation Intensity as a Basis for Soil and Water Conservation Strategy in semi-arid and Sub-humid Areas: The Case of Mwisanga Catchment, Kondoa, Central Tanzania.* A paper presented at the International Workshop on Soil and Water Conservation and Dryland Farming. Yangling, China. 4th-23rd September, 1995.
4. **Yanda, P.Z.** (1995): *Status of Soil Degradation, Monitoring Programmes and Techniques in Tanzania* A paper presented at the SADC Workshop on Soil Erosion and Degradation Monitoring Methods and Techniques, Harare, Zimbabwe, 4-7th December, 1995.
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