

African Association for the Study of Indigenous Knowledge Systems



(AASIKS)



Proceedings of the 5th International Conference of AASIKS

23 October – 25 October 2019

Hosted by

University of Venda, Thohoyandou, Limpopo, South Africa

Conference Theme:

**IKS as an agent of decolonization and transformation
for socio-economic development in Africa**

Abstracts, Short Papers, Long Papers

(All papers were peer-reviewed)

**Copyright © 2019 African Association for the Study of Indigenous
Knowledge Systems**

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form, without the prior written permission of the publisher.

Edited by:

Paul N. Iwuanyanwu

Vhonani O. Netshandama

Printed by infoco. Lansdowne

Printed in the Republic of South Africa

Available online www.theaasiks.org, and

E-mail: aasiksmanager@gmail.com

AASIKS Secretariat office

University of the Western Cape (UWC)

Goldfields Building, Room G44

ISBN: 978-0-86808-767-2

CONTENTS

AASIKS Executive Officers	1
Local Organizing Committee-University of Venda.....	1
Reviewers	2
Foreword.....	3
KeyNote Address.....	4
Plenary.....	4
Book of Reviewed Abstracts	13
Conference Theme 1: Education and Decolonization.....	13
ID: 51- The use of Indigenous Language isiZulu in the Teaching of Writing in Selected South African English First Additional Language FET Classrooms- <i>Nomalungelo Ngubane</i>	13
ID: 87- African Knowledge and Learning System for Internationalisation- <i>Enaifoghe, O. Andrew</i>	14
ID: 96- Exploring the viability of incorporating African indigenous languages in teaching and learning in the South African schools: A case of Vhembe district - <i>Nyoni, T. E, Nevhudoli, N.D, & Kugara, S.L</i>	14
ID: 97- An exploration on the use of African cultural values and norms as a tool to promote effective teaching and learning in higher education institutions - <i>Phunyuku, M., Makhnikhe, T.J, & Kugara, S. L</i>	15
ID: 107- An exploration of ways of teaching and learning indigenous knowledge in Classroom: A case study of Nzhelele - <i>Nthangeni, T</i>	16
ID: 108- Probing the vitality of integrating the African indigenous education with the Western education curriculum - <i>Maimela Glen</i>	16
ID: 110- “You can take a donkey to a river but you cannot force it to drink”: An investigation of African students’ perspective with regards to Africanization of teaching and learning - <i>Khazamula, X.E</i>	17
Conference Theme 2: Implementation and Practice.....	17
ID: 98- A programme to revive ndayo in Vhavenda culture - <i>Ndidzulafhi, R.E, Netshandama, N.O., & Matshidze, P.E</i>	17
ID: 102- Strategies Intended at Improving Anti-retroviral Treatment Adherence - <i>Musvipwa Faith</i>	18
ID: 104- Socio-economic aspects of health care practice: Sustained structural elements of social world and traditional ideas - <i>Nevhutalu Phathutshedzo</i>	19
ID: 105- An examination of indigenous ways of treating children’s ailments: A case study of Nzhelele in Limpopo Province - <i>Malwela Tshilidzi</i>	19
ID: 106- An Investigation into Methods of Harvesting and Preparation of Nkanyi for Healing Purposes at Bungeni Area, Limpopo Province, South Africa - <i>Baloyi Welcome</i>	20
Conference Theme 3: Conference Theme 3: Philosophy and Sociology	20
ID: 91- An assessment of the factors leading to the disappearance of African Indigenous cultural histories amongst Vhembe youth - <i>Makhura M. S, Mdhului T.D, & Kugara, S.L</i>	20

ID: 99- Naming of children among the Vhavenda - <i>Thizwilondi, J.D, Matshidze, E. P., Netshandama, O.V.</i>	21
---	----

Conference Theme 4: IKS and Socio-Economic Development.....21

ID: 70- Dynamics of African Indigenous Knowledge Systems (IKS) and Education: The recipe development for African Food Culinary - <i>Masipa, P.M, & Mushaisano, A.M</i>	21
ID: 71- Twananani Indigenous Textiles Cooperative: A livelihood Enhancer - <i>Masipa P. Makgoshi</i>	22
ID: 83- Indigenous Agriculture in the African Society: A case of the Ntuzze Community - <i>Qinisani N. Qwabe, & Timothy Pittaway</i>	22
ID: 85- Integration of Ethnomathematics in the Foundation Phase: A case of Indigenising Maths Teaching and Learning - <i>Bhuda, M.T, & Saurombe, T.</i>	23
ID: 86- The Activation of Our Knowledge Systems and Unemployment Alleviation in South Africa: Lessons from the Clay Industry - <i>Ekanade Israel</i>	23
ID: 89- The legal protection of indigenous medicinal knowledge in South Africa - <i>Khongelani, Mzamani & Ademola O. Jegede</i>	24
ID: 90- Using indigenous Communities of Practice (iCoP) to enhance University Community Engagement - <i>Maditsi, M.E & Materechera, S.A.</i>	25
ID: 94- Preservation of the African indigenous values and norms through Africanising the curriculum: A case study of Vhavenda in Limpopo province - <i>Mulaudzi, R.I, & Nevhudoli, D.N</i>	25
ID: 95- Traditional healing modalities in the provision of mental illness in Vhembe District, Limpopo Province - <i>Nevhudoli, N.D, Matshidze, P.E., Netshandama, V.O., & Mashamba, T.</i>	26
ID: 103- An Exploration of Mufula (Marula) tree for Commercial use to Alleviate Poverty: An Indigenous Knowledge Perspective in Thulamela Local Municipality, Vhembe District in Limpopo Province, South Africa - <i>Budeli A. Edgar</i>	26
ID: 109- An assessment of the African infrastructure used for teaching and learning - <i>Mandiwana, R.</i>	27

Book of Reviewed Short Papers27

Conference Theme 4: IKS and Socio-Economic Development.....39

ID: 56- Native visual signs: A look into the rural communities in the Manhiça district - <i>Manjate, R. A.</i>	39
ID: 57- Genetic variation in the KAP1.1 gene, and its potential to supplement Indigenous Knowledge Systems within the Swakara sheep in Namibia - <i>Nyoni, N.F., Itenge, T.O., & Shipandeni, M.N.T.</i>	43
ID: 63- Profitability of indigenous medicinal plant market (IMPM) in improving household income and food security - <i>Bongiwe Mcata & Sipumle Qapeshu</i>	50
ID: 72- Local Ecological Knowledge and Practices of Communities in the Conservation and Management of Biodiversity in the Maputo Special Reserve - <i>Manhiça, M. A & Nhalevilo, E.</i> ...54	
ID: 93- When did conservation of natural resources start in South Africa? - <i>Mbodi Khorombi</i>	57
ID: 111- Introductory setting for the socio-economic innovation to environmental degradation at local community level through indigenous trees nurseries tactic in the Vhembe District - <i>Makaulule, M., & Matshidze, P.E.</i>	64

Book of Reviewed Long Papers	70
Conference Theme 1: Education and Decolonization.....	70
ID: 58- Indigenous knowledge use in decolonial turn of science curricula - <i>Muzwa Mukwambo, Kenneth M. Ngcoza, Charles Chikunda</i>	70
ID: 61- Indigenizing STEM Education for Equity and Social Justice - <i>Meshach Mobolaji Ogunniyi</i>	81
ID: 73- Racism in Mathematics, Science and Language Education: The Case of South Africa - <i>Meshach Mobolaji Ogunniyi</i>	94
ID: 79- Western Cape Teachers' Experiences of Mathematics, Science and Language Education during and after apartheid era and their views on curricula decolonization - <i>Iwuanyanwu Paul Nnanyereugo</i>	104
ID: 101- Exploring teachers' experiences of Mathematics, Science and Language (MSL) Education during and after apartheid: A case of the Eastern Cape and KwaZulu-Natal Provinces - <i>Nomlomo Vuyokazi & Khuzwayo Bhekumusa</i>	114
Conference Theme 2: Implementation and Practice.....	124
ID: 68- A Programme to facilitate nyambedzano as a process for promoting morality among the Vhavenda youth at Vhembe District - <i>Ramusetheli M.D; Netshandama V.O, & Matshidze P.E</i>	133
ID: 82- Teaching science to culturally diverse learners: The teacher's role - <i>Iwuanyanwu Paul Nnanyereugo & Ogunniyi Meshach Mobolaji</i>	151
Conference Theme 4: IKS and Socio-Economic Development.....	159
ID: 75- The Protection of Traditional Medicine in South Africa- <i>Mdhluli T. D, Matshidze, P.E, Netshandama, V.O., & Kugara, S. L</i>	159
ID: 100- Rethinking Traditional leadership and the concept of Ubuntu as tools of reducing poverty and inequalities among rural communities in the Vhembe District - <i>Livhuwani, D.T., Pfarelo, E.M., Vhonani, O.N., Tshimangadzo, J.M</i>	170
ID: 60- Barriers and opportunities for the use of Indigenous Knowledge Systems (IKS) based technology in handicrafts among rural women of Amathole, South Africa - <i>Raphael Mudemba; Amon Taruvinga; Leocardia Zhou</i>	185