# Bindura University of Science Education

# **BINDURA UNIVERSITY OF SCIENCE EDUCATION**

# **PUBLICATIONS FOR 2018**

# Summary A

FACULTY	INDIVIDUAL PUBLICATIONS	COLLABORATIVE (INSTITUTIONAL)	COLLABORATIVE PARTNERSHIPS	TOTAL	AVERAGE PUBLICATIONS PER LECTURER
FAES	-	12	38	50	16.67
FSE	4	3	11	18	6.0
FS	11	20	25	56	18.67
FSSH	8	17	9	34	11.33
FOC	3	5	15	23	7.67
RPGC	1	-	2	3	1.0
TOTAL	27	57	100	184	61.34

# **Summary B**

Individual / Single Author Publications	27
Collaborative Publications - Institutional	57
Collaborative Publications - Partnerships	100
Total	184

# **INDIVIDUAL PUBLICATIONS**

#### FACULTY OF COMMERCE (INDIVIDUAL)

	DEPARTMEN T	RESEARCHER	GE	NDER	TOPIC	JOURNAL	
			M	F			
1.	Banking and Finance	Barugahara, F		X	Main and Interaction Effects of Inf lation Level and Volatility on Economic Growth (2018)	Journal of Economic and Management Perspectives (to be published in December)	
2.	Banking and Finance	Njanike, K	X		An Investigation on the Determinants of Opening a Bank Account in Zimbabwe	Development Southern Africa 1-17	
3.	Intelligence and Security Studies	Mugari, I	X		Rethinking the models of police oversight: Towards a new paradigm	Global Encyclopedia of Public Administration, Public Policy, and Governance, Springer International Publishing AG, 2018, 1-7, https://doi.org/10.1007/978-3-319-31816- 5_3631-1	
4.							

# FACULTY OF SCIENCE (INDIVIDUAL)

	DEPARTMEN T	RESEARCHER	GENDER		TOPIC	JOURNAL
			M	F		
5.	Geography	Mapuva, J.		X	Zimbabwe's Economic Interventionist Policies: Critical Issues and Perspectives.	African Development Review, 14678268, Vol. 44, No. 2 (2017)

	Geography	Chanza, N	X		Limits to Climate Change Adaptation in Zimbabwe: Insights, Experiences and Lessons	Springer International Publishing AG2018
6.	Biological Sciences	Ndava, J	X		The Manuscript Titled "A Comparative Assessment Of The Acaricidal Activity Of Tephrosia Vogelii On Rhipicephalus Appendiculatus And Amblyomma Variegatum In Makoni District, Manicaland Province, Zimbabwe"	Journal of Entomology and Zoology studies
7.	Biological Sciences	Ndava, J	X		A comparative assessment of the acaricidal activity of Tephrosia vogelii on Rhipicephalus appendiculatus and Amblyomma variegatum in Makoni District, Manicaland Province, Zimbabwe"	Accepted
8.	Computer Science	Mapenduka, W	X		Methods for Detecting Attacks In Mobile/Wireless Ad-Hoc Networks.	International journal of scientific & technology research Volume 7, issue 7, July 2018, pp168-174
9.	Computer Science	Muyambo, P	X		De-Jitter Control Methods in Ad-Hoc Networks.	International Journal of Engineering Research & Technology (IJERT) Volume 7, issue 6, June 2018, pp219-227
10.	Physics and Mathematics	Shonhiwa, C		X	'The Compatibility Effects of Biochar – Vermicompost mixes on Crop Productivity'.	Journal of Environmental Science and Engineering A 6 (2018) 496-501
11.	Physics and Mathematics	Mapuwei, T. W.	X		2018 harmonized Elections: prospects for democratic transition in Zimbabwe:	Zimbabwe Council of Churches: ISBN: 978-0-7974-948321
12.	Physics and Mathematics	Mapuwei, T. W.	X		Prospects for democratic transition in Zimbabwe	Zimbabwe Council of Churches: ISBN: 978-0-7974-948321

13.	Sports Science	Charumbira L. T.	X	The Integrated Conceptual Framework for Understanding Perceived Brand Equity in Professional Sports Teams'	International Journal of Marketing and Business Communication. vol. 7, no. 4, pp. 7- 16
14.	Sports Science	Charumbira, L. T	X	Be Agile or Perish: Exploring the Strategic Management Approaches Used by Organizations in the Zimbabwean Sport and Tourism Sectors.	Management, Vol 9.no 4, pp 6-14

#### FACULTY OF SCIENCE EDUCATION (INDIVIDUAL)

	DEPARTMEN T	RESEARCHER	GE	NDER	TOPIC	JOURNAL
			M	F		
15	Curriculum Studies	Bhukuvhani, C	X		Analysis of the status of Science Technology Engineering and Mathematics (STEM) Education in Zimbabwean secondary schools: Access, Quality, Policy.	Zimbabwe Journal of Educational Research Vol. 30 Issue 1 pp. 105-1
16	Science & Mathematics Education	Sunzuma G.		X	Teacher –related challenges affecting the integration of Ethnomathematics approaches into the Teaching of Geometry.	Euresia – 2018-0900
17	Science & Mathematics Education	Zinyeka, G	X		An Epistemological framework for supporting Teachers in integrating Indigenous knowledge Systems into the curriculum: in the book Issues in Chivanhu, Ubuntu in IKS in Post-Colonial Zimbabwe: A Handbook for colleges of Education in Zimbabwe.	UZ press

1	18	Science and	Denhere, C	X	Mhindu A and Denhere C (218) local	Educational Research International, Vol. 2
		Mathematics			Languages as mediums of Linguistic for	Number 4
		Education			Science Teaching and Leaning:	
					Secondary School Students' perceptions.	

# FACULTY OF SOCIAL SCIENCE & HUMANITIES (INDIVIDUAL)

15.	DEPARTMEN T	RESEARCHER	M	F	TOPIC	JOURNAL
16.	Peace And Governance	Dodo, O	X		Clash of two religions: Erosion of Indigenous systems by Pentecostalism in the Shona people, Zimbabwe	Journal for the Study of Religions and Ideologies, 17 (49), 90-104.
17.	Peace And Governance	Dodo, O	X		Containment interventions for the youth post-political violence: Zimbabwe	Development and Society, 47 (1) pp. 119-138.
18.	Peace And Governance	Dodo, O	X		Conflicts within Political Youth Groups: Motivations and Dynamics	International Journal of Politics and Good Governance, IV (9.1), 1-20
19.	Peace And Governance	Kurebwa, J		X	Implications of Illicit Financial Flows on Africa's Democratic Governance	International Journal of Politics and Good Governance, IX (9.1): 1-22.
20.	Peace And Governance	Kurebwa, J		X	The Institution of Traditional Leadership and Local Governance in Zimbabwe	International Journal of Civic Engagement and Social Change, 5(1):1- 22.
21.	Peace and Governance	Pfukwa, C	X		"(Re) writing an urban landscape: Street names in Harare's CBD after 1980.	Nomina Africana /32(10) PP 156 -174

22.	Peace & Governance	Zemebere, M		_		Pages 199-220. ISBN 978-3-319-67861- 0. Palgrave Mcmillan	
	Peace & Governance	Dodo. O	X		Inter-Religious Conflicts: A Review of Zimbabwe's Religious Landscape, Post Independence	Dialogue and Alliance/31(2) PP29-44	
RESEARCH AND POSTGRADUATE CENTRE		TRE					
23.	RPGC	Mavesera, M.	vesera, M.		Understanding language and culture in the context of becoming a gloal citizen: A focus on African Language	DANDE Journal of Social Sciences and Communication, ISSN 2413-25551. Vol. (1) 2017	

# PUBLICATIONS THROUGH COLLABORATIVE RESEARCH (WITHIN BUSE)

#### **LIBRARY**

AUTHORS	DISCIPLINE 1	DISCIPLINE 2	GENI	DER	TOPIC	JOURNAL
			M	F		

#### FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

NO	AUTHORS	DISCIPLINE	DISCIPLINE	DISCIPLINE	TOPIC	JOURNAL
		1	2	3		

24.	Mataruse, L. R.;	Environmental	Crop Science	Agricultural	Smallholder farmers' perceptions	Forest, Trees and Livelihoods, 2018
	Nyakudya, I. W.;	Science	1	Economics,	and constraints on the use of	Vol. 27. No. 1, 43-53.
	Jimu, L.;			Education and	alternative energy sources to	·
	Musemwa, L. &			Extension	miombo wood and energy	
	Chimweta. M				efficient barns	
25.	Musemwa, L.;	Agricultural	Environment		Z.mauritiana fruits in the lower	Forest, Trees and Livelihoods,
	Maruza, I. M.;	Economics,	al Science		Zambezi Valley, Zimbabwe: uses	2018, Vol. 27, no. 1 pp. 3-42.
	Mapurazi, S.;	Education and			and contribution to the income of	
	Matsika, P. &	Extension			harvesting households	
	Munyati, V.					
26.	Chimweta, M.	Environmental	Crop Science		Fertility status of cultivated	Physics and Chemistry of the Earth
	Nyakudya. I. W.	Science			floodplain soils in the Zambezi	2018. (Article in Press)
	& Jimu, L.				Valley, northern Zimbabwe	
27.	Ncube, F. &	Environmental			Current status and the future of	Safety and Health at work 2018
	Kanda, A.	Sciences			occupational safety and health	Article in Press.
	,				legislation in low- and middle-	
					income countries	
28.	Jimu, L. &	Natural	Crop Science		Fires in exotic forest plantations	2018 World Development
	Nyakudya, I. W	Resources	_		of Zimbabwe: Causes and	Perspective: Article in Press
					management strategies	
29.	Jimu, L.;	Natural	Natural		Chrysoporthe zambiensis	Australasian Plant Disease Notes
	Muzhinji, M.;	Resources	Resources		detected on native Syzygium in	<b>13</b> (1) DOI 10.1007/s13314-017-
	Magogo, C.;				Zimbabwe	0285-у
	Mureva, A					
30.	Parwada C.;	Crop Science	Crop Science		Use of Botanical Pesticides in	Modern Concepts & Developments
	Chikuvire T;				Controlling Sitophilus Zeamais	in Agronomy. <b>1</b> (4);1-4.
	Kamota A.;				(Maize Weevil) on Stored Zea	
	Mandumbu R.;				Mays (Maize) Grain	
	Mutsengi K.;					
	Chiripanhura B.					

31.	Muvengwi, J., Mbiba, M., Jimu, L., Mureva, A., & Dodzo, B	Natural Resources	Natural Resources	An assessment of the effectiveness of cut and ring barking as a method for control of invasive <i>Acacia mearnsii</i> in Nyanga National Park,	Forest Ecology and Management, 427(May), 1–6. http://doi.org/10.1016/j.foreco.2018 .05.034
32.	Ncube, F. & Kanda, A.	Environmental Sciences		Zimbabwe  Commentary on the organisation of Occupational Health and Safety in Southern Africa, the International Labour Organization and policies in general.	Annals of Global Health. 84 (3): 500-503. DOI: http://doi.org/10.29024/aogh. 2333
33.	Jim, L & Mujuru, L	Natural Resources		Pathogens and Pests Threatening Plantation Forestry in Zimbabwe.	East African Agricultural and Forestry Journal. 1-10. DOI:10.1080/00128325.2018.1460 786
34.	Mutengu, C & Mhlanga W	Biological Sciences	Natural Resources	Occurrence of <i>Clinostomum</i> metacercariae in <i>Oreochromis</i> mossambicus from Mashoko Dam, Masvingo Province, Zimbabwe.	Scientifica. (Accepted manuscript)
35.	Ncube F, Kanda A and Sanyanga T.	Environmental Sciences		Standing working posture and musculoskeletal pain among <i>Citrus sinensis</i> workers.	International Journal of Occupational Safety and Ergonomics. <a href="https://doi.org/10.1080/10803548.2">https://doi.org/10.1080/10803548.2</a> <a href="https://doi.org/10.1080/10803548.2">018.1544799</a> . (In press).

#### **FACULTY OF SCIENCE**

NO	AUTHORS	DISCIPLINE 1	DISCIPLINE 2	TOPIC	JOURNAL
36.	Manyani A., Chagweda K., Muzenda- Mudavanhu C. & Chanza N.	Geography		Indigenous-Based Practices of Adapting to climate change: Reflections From Chirumhanzu, Zimbabwe.	Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT) e-ISSN: 2319-2402,p- ISSN: 2319-2399. Volume 11, Issue 12 Ver. 1 (December, 2017), PP54-66.
37.	Mupa M., Kubara R. & Gere J.	Chemistry	Biological Sciences	Extraction, growth and immobilization of Yarrowia lipolytica yeast cells for dye effluent treatment.	Archives of Environmental Protection, Vol. 44. Pp48-54. PL ISSN 2083-4772 DOI 10.24425/118180.
38.	Katuruza, S, Mgocheki, N And Kurangwa, W (2018)	Biological Sciences	Biological Sciences	Pesticidal Properties Of Chive (Allium Schoenoprasum) Against Cabbage Aphid (Brevicoryne Brassicae) In Rape (Brassica Napus).  International Journal Research: Issn0975-833x.	
39.	Shoko, O And Mgocheki, N (2018)	Biological Sciences	Biological Sciences	Pesticidal Effects Of Lippia Javanica On Sitophilus Zeamais In Stored Maize Grain.	International Journal Of Agriculture Innovations And Research. Issn: 2319 – 1473.
40.	Ndava J, Diaz- Llera Sd, Manyanga P. 2018.	Biological Sciences	Biological Sciences	The Future Of Mosquito Control: The Role Of Spiders As Biological Control Agents:	A Review. International Journal Of Mosquito Research, 5(1): 06-11
41.	Ndava, J T Mapuwei, T.W, Katiyo, P	Biological Sciences	Physics and Mathematics	The Future Of Mosquito Control: The Role Of Spiders As Biological Control Agents:	A Review. International Journal Of Mosquito Research, 5(1): 06-11
42.	Ndlovu, T and Machingauta C.	Chemistry	Chemistry	Chemical speciation of selected heavy metals in roadside sails at intersection in Harare, Zimbabwe. International organization of scientific research applied chemistry	Journal of Applied Chemistry
43.	Mupa, M, Zvoushe, S., Mukaratirwa,	Chemistry	Science and Mathematics	Pennisetum typhoides based biochar prepared for the removal of methylene blue: A column study.	Pollution Research (Accepted)

	Muchanyereyi, N., Machingauta,				
44.	Mupa, M., Kubara, R., Gere, J.	Chemistry	Biological Sciences	Extraction, growth and immobilization of Yarrowia lipolytica yeast calls for dye effluent treatment	Extraction, growth and immobilization of Yarrowia lipolytica yeast calls for dye effluent treatment
45.	Mupa, M., Chimanikire, S., Machingauta, C., Mukaratirwa, Muchanyereyi, N	Chemistry	Science and Mathematics	Efficiency of phosphoric acid and zinc chloride activated carbons prepared from strychnos spinos (monkey orange) fruit shell for the removal of methylene blue.	Indian Journal of Environmental Protection (Accepted).
46.	Stephen Nyani, Edson Muzenda, Muchanyereyi, N. (2018).	Chemistry	Chemistry	Characterisation and evaluation of antibacterial activity of silver nanoparticles prepared from sclerocarya bitre a stem bark and leaf extracts.	Nano biomedicine and engineering. (Accepted)
47.	Gwatidzo L., Chowe, L, Musekiwa, C., Muchanyereyi Mukaratirwa, N.	Chemistry	Chemistry	In vitro anti-inflammatory activity of vangueria infausta: An edible wild fruit from Zimbabwe.	African Journal of Pharmacy and Pharmacology.
48.	Luke Gwatidzo, Pamhidzai Dzomba, Mkululi Mangena	Chemistry	Chemistry	TLC separation and antioxidant activity of flavonoids from <i>Carissa bispinosa</i> , <i>Ficus sycomorus</i> , and <i>Grewia bicolar</i> fruits.	. 43:3. DOI 10.1186/s41110-018-0062-5.
49.	Rambwawasvika , Pamhidzai Dzomba, Luke Gwatidzo.	Chemistry	Chemistry	Phytochemicals from Dicerocaryum senecioides leaf extract exhibit significant antifungal activity.	Accepted, Pharmacologia,

50.	Prudence M Mavhemwa and Ignatius Nyangani	Computer Science	Computer Science	Uniform spatial subdivision to improve Boids Algorithm in a gaming environment.	International Journal of Advance Research & Development, Volume 3, Issue 10 October 2018.
51.	Mapuwei, T. W and Ndava, J	Biological Sciences	Physics and Mathematics	A comparative Assessment of the Acaricdal Activity of Tephrosia - Vogelii on Rhiphicephalus - Appendiculatus and Amblyomma - Variegatumin Makoni District, Manicaland Province, Zimbabwe.	Journal of Entomology and Zoology Studies JEZS: E-ISSN 2320:7079 pg1145-1150
52.	Kusotera, B. Mapuwei, T. W	Physics and Mathematics	Physics and Mathematics	'An Analysis of Customer Churn for Mobile Network Operators in Zimbabwe'.	International Journal of Innovations in Engineering and Technology (IJIET) (2018)
53.	Ndava J, Mapuwei, T. W, Katiyo, P	Biological Sciences	Physics and Mathematics	Prevalence of plant parasitic nematodes in tomatoes (Lycopersicon esculentum) grown in different soil pH and texture conditions	Journal of Entomology and Zoology Studies: E-ISSN 2330:7078 (2018) pg2954-2958
54.	Basira, K & Kusotera, B	Physics and Mathematics	Physics and Mathematics	The Finite Difference Method and its Application in the Deflection of Beams.	International Journal Of Numerical Methods and Application.
55.	Kusotera, B & Pegan'a, J. C	Physics and Mathematics	Physics and Mathematics	Supply Chain optimisation for Maheu producers in Zimbabwe.	Francis & Taylor

# FACULTY OF COMMERCE

	AUTHORS	DISCIPLINE 2	DISCIPLINE 2	TOPIC	JOURNAL
56.	Thabana M. Security studies		Foot patrols and crime prevention in Harare Central Business District:	Crime Prevention Community Safety doi.org/10.1057s41300-017-0038-z	
			police officers' perspectives	_	
	Manyeruke, C.	Graduate School	Graduate School of	Challenges Facing Female	Academy of Entrepreneurship Journal
	& Mwenje, J	of Business	Business	Entrepreneurs in Breaking the	(accepted, awaiting payment).
				Glass Ceiling in Business.	
				Literature review analysis.	

Chatira, F. &	Graduate School		The Development of Management	African Journal of Business Management.
Mwenje, J	of Business		Skill for Effective Church	12(5):103-120.
			Management in Pastoral	Doi:10.5897/AJBM2018.8500
			Preparation Programs in	
			Zimbabwe.	
V. Mudavanhu,	Economics	Economics	The Impact of Mineral Production	International Journal of Management
L. Muchabaiwa,	Department		on Zimbabwe Economic Growth	Sciences and Business
L. Chigusiwa, S.			and Development	http://dx.doi.org/10.1504/AJESD.2017.09
Bindu			_	4860
Munyimi, T. F.	Economics	Purchasing and Supply	The role of buyer – supplier	Cogent Business and Management
& Chari, F	Department		relationships in delivering	published by Taylor and Francis Vol.5
			economics sustainability in the	Issue 1
			private telecommunication sector in	
			Zimbabwe	

#### **FACULTY OF SCIENCE EDUCATION**

	AUTHORS	DISCIPLINE 1	DISCIPLINE 2	GEN	DER	TOPIC	JOURNAL
				M	F		
57.	Moyo, P. V. and Ramirez, I (2017)	Curriculum Studies	Curriculum Studies			Inclusion through multicultural science education.	International Journal of Humanities and Social Studies. 5(11), 3225-331.
58.	Moyo, P. V. and Ramirez, I. (2017)	Curriculum Studies	Curriculum Studies			Interrogating the implementation of STEM education in Zimbabwe.	International Journal of Humanities and Social studies. 5(11), 332-337.
59.	Rudhumbu, N. and Maphosa, C.	Curriculum Studies	Curriculum Studies			Challenges and opportunities for women entrepreneurs: A critical analysis and reflection	Accepted by the Journal of African Studies and Development

#### FACULTY OF SOCIAL SCIENCES AND HUMANITIES

	AUTHORS	DISCIPLINE 1	DISCIPLINE 2	GEN	DER	TOPIC	JOURNAL
				M	F		
60.	Chipaike, R & Knowledge, M.H	Peace & Governance	Peace & Governance			The need for foreign Policy Reorientation and Re-engagement of International Partners.	International Journal of Social Sciences in Humanities Research. 6(1) pp 1-12.
61.	Chipaike, R & Knowledge, M.H	Peace & Governance	Peace & Governance			South-South Cooperation and Africa's economic development: the case of FOCAC.	International Journal of Social Sciences in Humanities Research. 6(2) pp 822-833.
62.	Chipaike, R., & Knowledge, M. H. (2018).	Peace & Governance	Peace & Governance			The question of African agency in international relations	Cogent Social Sciences, 4(1), 1487257. https://doi.org/10.1080/2331 1886.2018.1487257
63.	Dodo, O; Majaha, J & Kanyumbu, E.	Peace & Governance	Peace & Governance			Youth Thuggery and Political Violence: Bindura District	Journal of Alternative Perspectives in the Social Sciences, 9(1), 84-106
64.	Dodo, O; Muzenje, A & Zihanzu, M	Peace & Governance	Peace & Governance			Endogenous Conflict Resolution: A Comparison of Selected Shona Mechanisms in Zimbabwe	Ethnic Studies Review, 39/40, 135-154
65.	Dodo, O; Majaha, J	Peace & Governance	Peace & Governance			African Youth's 'Whirl-wind' Allegiance to Leadership	International Journal of Modern Anthropology, 2(11), 108-124
66.	Dodo, O & Paraziva, R	Peace & Governance	Peace & Governance			Investigating the impact of violence of students in selected colleges in Seke district	Educational Research and Reviews

67.	Dodo, O & Mwale, C	Peace & Governance	Peace & Governance	Zimbabwe, the Nexus: Youth Delinquency  Han Urba Man Dev 2222	Mugambwa, & M. usiimeh (Eds.), dbook of Research on an Governance and hagement in the eloping World (p. 207- h. Hershey, PA: IGI bal. Ch.12
68.	Mlambo, M & Kurebwa, J.	Peace & Governance	Peace & Governance	in Shaping International Military Rese	rnational Journal of earch in Humanities and fal Studies, 5(6):13-27.
69.	Ndlovu, S & Kurebwa, J.	Peace & Governance	Peace & Governance	United Nations Peacekeeping Missions   Soci	bal Journal of Human- al Science: rdisciplinary, 18(1):43-
70.	Nechena, H., & Kurebwa, J	Peace & Governance	Peace & Governance	Share Ownership Trusts in Bikita Rural District of Zimbabwe in M.N. Amutabi (ED.)  Sect Nain Den	spectives on Educational or in Africa (p.227-240). robi, Kenya: Centre for nocracy, Research and elopment.
71.	Nhumburudzi, L & Kurebwa, J.	Peace & Governance	Peace & Governance	Pentecostal Churches: The Case of Soci	bal Journal of Human- al Science: Arts and nanities, 18(1):45-51.
72.	Tambwari, R & Kurebwa, J.	Peace & Governance	Peace & Governance		erianz Journal of Social nce, 1(1): 23-30

73.	Del Rosario Freeman,; Ramirez, I & Ramire, P	Communication and Languages	Peace & Governance	A challenge for Teachers in class: How to cope with slow learners	The International Journal of Humanities & Social Studies (ISSN 2321 - 9203) PP 121 -128
74.	Ndlovu, S & Kurebwa, J	Peace & Governance	Peace & Governance	Participation of Uniformed Women in United Nations Peace-keeping Missions in Liberia and East Timor	. Global Journal of Human-Social Science, 18(1) PP 47- 58.
75.	Nechena, H, & Kurebwa, J	Peace & Governance	Peace & Governance	Community Participation in Community Share Ownership Trusts in Bikita Rural District of Zimbabwe in M.N. Amutabi (ED.).	Perspectives on Educational Sector in Africa (p.227-240). Nairobi, Kenya: Centre or Democracy, Research and Development.
76.	Pfukwa, C; Zhou, S & Landa, N	Peace & Governance	Peace & Governance	Of Prophets and Apostles: Onomastic and Sociolinguistic Implications of title as names in Zimbabwe Scholars Publishing, Newcastle upon Tyne, Pentacostalism	In Francis Machingura, Lovemore Togarasei and Ezra Chitando, (eds) Pentacostalism and Human Rights in Contemporary Zimbabwe /PP 210 – 224

#### RESEARCH PUBLICATIONS THROUGH PARTNERSHIPS

#### FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCES

	AUTHORS		ORGANISATION 1	ORGANISATION 2	TOPIC/TITLE	NAME OF JOURNAL
		M	F			
77.	Masamha B., Thebe V., Uzokwe V.N.E.		Bindura University of Science Education	University of Pretoria  International Institute of Tropical Agriculture	Mapping cassava food value chains in Tanzania's smallholder farming sector: The implications of intrahousehold gender dynamics.	Journal of Rural studies 58(2018), 82-92
78.	Muvengwi J., Mbiba M., Chikumbindi J., Ndagurwa H. G. T., Mureva A.		Bindura University of Science Education	University of Witwatersrand  National University of Science and Technology	Population structure and spatial point-pattern analysis of a mono stand of Acacia polyacantha along a catena in a savanna ecosystem	Forest Ecology and Management 409 (2018) 499-508
79.	Muvengwi J., Ndagurwa H. G. T., Nyenda T., Mwembe R., Mbiba M.		Bindura University of Science Education	University of Witwatersrand  National University of Science and Technology  Matopos Research Station, Zimbabwe	Spatial pattern analysis of encroaching tree species (Vachellia karroo and Vachellia nilotica) after fire suppression in a semi-arid savanna	Journal of Tropical Ecology (2017) 33:411-414
80.	Kanda A., Nyamadzawo G., Gotosa J., Nyamutora N.,		Bindura University of Science Education	University of Zimbabwe	Predicting acid rock drainage from a nickel mine waste pile and	Environmental Engineering and management Journal 2017, Vol. 16, No. 9, 2089-2096

	Gwenzi W.			metal levels in surrounding soils	
81.	Jimu, L.; Muzhinji, N.; Magogo, C. & Mureva, E.	Bindura University of Science Education	Zimbabwe Tobacco Research Board	Chrysoporthe zambiensis detected on native Syzygium in Zimbabwe	Australasian Plant Pathology Society Inc 2017. https://doi.org/10.1007/s13314-017- 0285-y.
82.	Jimu, L.; Kemier, M.; Mujuru, L. & Mwenje, E.	Bindura University of Science Education	Ruhr-Universitate Bochum, German	Illumina DNA metabarcoding of Eucalyptus plantation soil revelas the presence of mycorrhizal and pathogenic fungi	Forestry An International Journal of Forest Research, Foresty 2018; 91, 238-245, doi:10.1093/forestry/cpx046. Advanced Access publication 19 October 2017.
83.	Muvengwi, J.; Davies, A. B.; Parrini, F. & Witkowski, E. T. F.	Bindura University of Science Education	University of Witwaterand, SA  Institute of Science, California, USA	Geology drives the spatial pattering and structure of termite mounds in an African savanna	Ecosphere (9(3):e02148. 10.1002/ecs2.2148.
84.	Karavina, C,; Ibada, J. D. & Gubba, A.	Bindura University of Science Education	University of KwaZulu Natal University of Pretoria	Genome Sequence of a Tomato-infecting tomato mosaic virus isolate from Zimbabwe	Geonome Announcements, 6(11), art, no. e01457-17. https://doi.org/10.1128/genomeA.01457-17.
85.	Muvengwi, J.; Davies, A. B.; Parrini, F. & Witkowski, E. T. F.	Bindura University of Science Education	University of Witwaterand, SA  Institute of Science, California, USA	Contrasting termite diversity and assemblages on granitic and basaltic African savanna landscapes	Insects Sociaux, 65 (1), pp.25-35. DOI: 10.1007/s0040-017-05827-7.
86.	Masara, J. P.; Musemwa, L. Mutenje, M.;	Bindura University of Science Education	Women's University in Africa	Market participation and marketing channel preferences by small	Agrekon 2018. Vol. 57, No.1, pp.64-77.

	Mushunje, A. & Pfukwa. C.		CIMMTY	scale sorghum farmers in semi-arid Zimbabwe	
			University of fort Hare		
87.	Masamha, B.; Uzokwe, V. N. E. & Thebe, V.	Bindura University of Science Education	University of Pretoria  International Institute of Tropical Agriculture, Tanzania	Women's empowerment in traditional food value chains at the micro-level: Evidence from cassava smallholder farming in Tanzania	Agroecolology and sustainable food systems 2018. Vol 42, No. 1 pp 26-47.
88.	Mbiriri, M.; Mukwada, G. & Manatsa, D.	Bindura University of Science Education	University of Free State, SA	Influence of altitude on the Spatiotemporal variations of Meteorological droughts in mountain regions of the Free State Province, South Africa (1960- 2013)	Advances in Meteorological, Volume 2018, Article ID 5206151, 11 pages.
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91.	Mandumbu. R,; Mutengwa. C; Mabasa. S & Mwenje E.	Bindura University of Science Education	University of Zimbabwe  University of Fort Hare  University of Zimbabwe	Sorghum bicolor (L) Moench and Sorghum arundinaceum (Desv.) Stapf] in Zimbabwe. Predictions of the Striga Scourge under New Climate in Southern Africa: A Perspective	Journal of Biological Sciences. ISSN 1727-3048
92.	Mandumbu. R,; Mutengwa. C; Mabasa. S & Mwenje E.	Bindura University of Science Education	University of Fort Hare University of Zimbabwe	Effect of Witchweed (Striga asiatica L. Kuntze) Infestation and moisture stress on selected Morpho- physiological Trains of Sorgum (Sorghum bicolor L. Moench) Genotypes in Zimbabwe	Journal of Agronomy ISSN 1812-5379.
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96.	Musemwa, L.; Ndhleve, S.: Sibanda, M.; Zhou, L.; Muchenje, V.; Nakin, M. D. V.	Bindura University of Science Education	University of Fort Hare	Implications of Livelihood Strategies on Household Dietary Diversity in the Eastern Cape Province of South Africa	J. Hum Ecol., 61(1-3): 31-43. DOI: 11.258359/KRE-36
97.	Sibanda, M.;  Musemwa, L.;  Mushunje, A.;  Mutengwa, C. S.;  Zhou, L.	Bindura University of Science Education	University of Fort Hare	Socio-economic factors influencing nett farm revenue of smallholder farmers under extreme climatic conditions in the Eastern Cape Province, South Africa	. International Journal of Sciences and Research. 74 (5/1): 268-284. DOI: 10.21506/j.ponte.2018.5.19
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100.	Muvengwi, J., Chikorowondo, G., Mbiba, M., & Gandiwa, E	Bindura University of Science Education	Chinhoyi University of Technology	practices in a semi-arid communal landscape  Diversity and abundance of macro-invertebrates on abandoned cattle kraals in a semi-arid savanna	Ecology and Evolution. Accepted manuscript
101.	Ndagurwa, H. G. T., Maponga, T. S., Dube, B., Nzuma, T. M., & <b>Muvengwi</b> , <b>J</b>	Bindura University of Science Education	University of the Witwatersrand	Termitaria vs. mistletoe: Effects on soil properties and plant structure in a semi-arid savanna	Acta Oecologica, 91, 35–42. http://doi.org/10.1016/j.actao.2018.06. 002
102.	Chikorowondo, G., <b>Muvengwi, J.,</b> <b>Mbiba, M</b> ., & Gandiwa, E	Bindura University of Science Education	Chinhoyi University of Technology	Functional diversity of macroinvertebrates on abandoned cattle enclosures in a semi-arid African savannah	African Journal of Ecology. http://doi.org/10.1007/s11284-017- 1522-8
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104.	Dudu V.P.; Mathuthu, M. & Manjoro, M. 2018	Bindura University of Science Education	North-West University, SA	Assessment of heavy metals and radionuclides in dust fallout in the West Rand mining area of South Africa.	Clean Air Journal (Accepted manuscript).
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	Mabasa. S & Mwenje E.		University of Zimbabwe	for <i>Striga</i> management in cereals and legumes by farmers in sub-Saharan Africa: a review	Science, DOI: <u>10.1080/09064710.2018</u> .1494302
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109.	Ngema, P. Z.; Sibanda, M.; Musemwa, L	Bindura University of Science Education	University of Zululand, SA	Household Food Security Status and its Determinants in Maphumulo Local Municipality, South Africa.	Sustainability (Accepted manuscript).

110.	Paraffin, A.S., <b>Zindove,</b> T.J. and Chimonyo, M., 2018.	Bindura University of Science Education	University of KwaZulu Natal, SA	Perceptions of Factors Affecting Milk Quality and Safety among Large- and Small-Scale Dairy Farmers in Zimbabwe.	Journal of Food Quality. vol. 2018, Article ID 5345874, 7 pages, 2018. https://doi.org/10.1155/2018/53 45874.
111.	Hlatini, V.A., Ncobela, C.N., <b>Zindove, T.J.</b> and Chimonyo, M.,	Bindura University of Science Education	University of KwaZulu-Natal Agricultural Research Council- Animal Production, SA	Use of polyethylene glycol to improve the utilisation of leguminous leaf meals in pigs: A review.	South African Journal of Animal Science, 48(4): 609-620. http://dx.doi.org/10.4314/sajas.v48i4.2
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114.	Mavesera, M,	Bindura University	Zimbabwe Human	Secondary Heritage	ISBN 9781779062895
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# FACULTY OF SCIENCE

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				1	2		
		M	F				
115.	Manyani, A. & Urmilla, B.	X		Bindura University of Science	University of KwaZulu Natal	Stakeholer Participation in climate change adaptation in	IOSR Journal of Humanities and Social Sciences (IOSR-JHSS)
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						Muarabani Rural District in Zimbabwe	(February, 2018) pp72-85 e-ISSN: 2279-0837, p-ISSN; 2279-0845
116.	Makuyana, L.;		X	Bindura University	Zimbabwe Open	Behavioural Habits of	Journal of Advances in Medicine and
	Mufunda, E. &			of Science	University	Alcohol Abusing Students	Medical Research 26(1): 1-9, 2018;
	Machanja, M.			Education	Ingutsheni Central	at a State University in	Article no. JAMMR. 34607. ISSN:
					Hospital	Zimbabwe	2456-8899
117.	Mapuva J.,			Bindura University	Midlands State	Exploring Zimbabwe's	Africanus Journal of Development
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				Education		challenges and	47 Number 1 2017 #1249 16 pages
						interventionist strategies:	
						Showcasing socio-economic	
						transformation	
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118.	· · · · · ·			Bindura University	University of Free	ENSO shifts and their link	Theoretical and Applied
	Kumwada, G &			of Science	State, SA	to Southern Africa surface	Climatology, 132, (3-4) pp727-738.
	Makaba, L.			Education		air +	
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120.	Mbiri, M.; Mukwada, G. & Manatsa, D.	Bindura University of Science Education	University of the Free state	Spatiotemporal characteristics of severe dry and wet conditions in the Free State Province, South Africa.	Theoretical and applied Climatology, pp. 1-14. Article in Press (2018).
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122.	Jiri, Z,; Tazvivinga, A.; Greenfield, R. & van Vuren, J. H. J.	Bindura University of Science Education	University of Johannesburg, SA	Oxidative stress biomarkers in Oreochromis niloticus as early warning signals in assessing pollution from acid mine drainage and diffuse sources of pollutants in a subtropical river.	Water SA, 44(2), pp.318-327. (2018)
123.	Chanza, N.; Chigona, A.; L.; Nyahuye, A.; Nondo. N,; Mataera-Chanza, L. & Mundoga. T	Bindura University of Science Education	Environmental Management Services, Harare  Department of Community Medicine, UZ	Diagnosing barriers to climate change adaptation at community level: reflections from Silobela Zimbabwe	GeoJournal, Springer Science +Business Media B. V., part of Singer Nature 2018.

124.	Mbiri, M.; Mukwada, G. & Manatsa, D.	Bindura University of Science Education	Department of Natural Resources Management Ministry, Harare University of the Free state	About surface temperature and their shifts in the Free state province, South Africa	Applied Geography; 97 142-151.
125.	Manatsa. D. and Mukwad. D	Bindura University of Science Education	University of the Free state	(1960-2013).  A connecting from stratospheric ozone to El Nino Southern Oscillation.	Nature Scientific Reports 7. 5558
126.	Mbiri. M; Manatsa. D. and Mukwad. D	Bindura University of Science Education	University of the Free state	Influence on altitude on the spatiotemporal variations of meteorological droughts in mountain regions of the free state province, South Africa (1960-2013)	Advances in Meteorology volume 2018, ID 5206151
127.	Mukwada, G & Manatsa. D.	Bindura University of Science Education	University of the Free state	Spatiotemporal analysis of the effect of climate change vegetation health in the Drakensburg Mountain region in South Africa.	Environmental monitoring and assessment 190(6)
128.	Mukwada, G & Manatsa, D	Bindura University of Science Education	University of the Free state	Is climate change the Nemesis of rural development? An analysis of patterns and trends of Zimbabwe droughts. Chapter	In book climate change,, extreme events and disaster risk reduction, pp. 173-182

129.	Muchuweni. E.; Sathiarah, T. S. & Nyakotyo. H	Bindura University of Science Education	Botswana International of Science and Technology	Optical properties of GAZO thin films deposited by RP planar magnetron sputtering at various O2/Ar flow ratios	Optics and Laser Technology, 111 (2019) 25-29.
130.	Chingwaru C, Bagar T, Maroyi A, Vidmar J, Chingwaru W	Bindura University of Science Education	University Medical Center Maribor, Slovenia  University of Gottingen in Germany	Wound Healing Potential Of Selected Southern African Medicinal Plants,	Journal Of Herbal Medicine (In Press)
131.	Mhlanga T.H.N, Chingwaru C, Chingwaru W.	Bindura University of Science	University of Zimbabwe	Water, Sanitation And Hygiene Related Risk Factors Of Diarrheal Diseases Among Learners At Mubakwa High School, Lupane District, Matabeleland North Province of Zimbabwe. African Health Sciences,	Accepted: Manuscript Id Wkr0-2018-03-0272.
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134.	Sakala, L & Chigona, W	Bindura University of Science Education	University of Cape Town	Neutralisation of resistance to Learning Management Systems Implementation in higher education.	Computing in higher education
135.	Bongo, hanza N P.P., Dziruni, G. & Muzenda- Mudavanhu, C., (2018)	Bindura University of Science Education	World Vision Inc. Harare	'The effectiveness of community-based rehabilitation as a strategy for improving quality of life and disaster resilience for children with disability in rural Zimbabwe',	Jàmbá: Journal of Disaster Risk Studies 10(1), a442. https://doi.org/10.4102/jamb a.v10i1.442.
136.	Rubaba O., Chimbari M.J., Soko W., Manyangadze T. and Mukaratirwa S.	Bindura University of Science Education	University of KwaZulu Natal	Validation of a urine circulating cathodic antigen cassette test for detection of Schistosoma haematobiumin uMkhanyakude District of South Africa	Acta Tropica. 182 (2018): 161–165. www.elsevier.com/locate/actatropica.
137.	Muchuweni, E Sathiaraj, T.S, Nyakotyo, H	Bindura University of Science Education	Botswana International University of Science and Technology	Effect of annealing on the microstructural, optical and electrical properties of Zno nanowires by hydrothermal synthesis for transparent electrode fabrication.	Materials Science and Engineering 227(2018) 68-73
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139.	Muchuweni, E.	Bindura University	Botswana	The Effect of RP power on	Journal of Inorganic and
	Sathiarah, T. S.;	of Science	International	the properties of Gallim and	Organometallic polymers and
	Masanganise, J	Education	University of	Aluminum Co-doped Zin	materials. Springer Science-Business
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140.	Dziva, D., Nyikahadzoyi, M.R., Ravanis, K., Koliopoulos, D.			Bindura University of Science Education	Faculty of Humanities & Social Sciences, Greece	Wound Healing Potential Of Selected Southern African Medicinal Plants,	Journal Of Herbal Medicine (In Press)
141.	Mutanga, P., Nezandonyi, J. & Bhukuvhani, C. (2018)			Bindura University of Science Education	Harare Institute of Technology	Enhancing engineering education through technological pedagogical content knowledge (TPACK): A case study in Zimbabwe.	International Journal of Education and Development using ICT Vol. 14 Issue 3
142.	Mutanga, P., Nezandonyi, J. & Bhukuvhani, C. (2018)			Bindura University of Science Education	Harare Institute of Technology	Towards sustainable industrialisation and modernisation in Zimbabwe through universities-industry linkages: Policy, research, practice	ZIRS Book: Research Council of Zimbabwe
143.	Chagadama, E, Isel Ramirez			Bindura University of Science Education	Eastwise High School, Harare, Zimbabwe	The Impact of Urban Agriculture on the Livelihoods of School	The International Journal of Humanities and Social Studies

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144.	/	Bindura University of Science Education	University of Holguín	Fundamentos sociológicos su relación con las ciencias agropecuarias: necesidad de su consideración en las carreras cubanas de ciencias agropecuarias.  (Professional guidance and its sociological foundations: Need of considering it in the agricultural and livestock Cuban careers) <a href="http://www.veterinaria.org/revistas/redvet/n060618.html">http://www.veterinaria.org/revistas/redvet/n060618.html</a> <a href="http://www.veterinaria.org/revistas/redvet/n060618/061802.pdf">http://www.veterinaria.org/revistas/redvet/n060618/061802.pdf</a> AUTHORS:MsC. Profesor Auxiliar Universidad de Holguin ohdez@fh.uho.edu.cu	REDVET Revista Electrónica de Veterinaria ISSN 1695-7504  Volumen 19 Nº 6
145.	Kurebwa, M. & Mpofu, V.	Bindura University of Science Education	Zimbabwe Open University	Essay marking challenge with special reference to Zimbabwean Secondary Schools in Gweru District.	International Open and Distance Learning Journal 2 (2) 43-48.
146.	Mutambara, L.H.N and Bansilal, S.	Bindura University of Science Education	University of KwaZulu Natal	Abstraction of the vector space concepts. Challenges	Springer International Publishing.ICME 13 pp 147-159.

					and Strategies in teaching linear algebra.	
147.	Matsvetu, V.S		Bindura University	University of	Humhandara and Hujaya:	Sage: Open DOI: 20.1177/2158244018779107
	and Bhana, D		of Science Education,	KwaZulu-Natal, Ashwood, South	Virginity, Culture and Gender inequalities among	20.11/7/2138244018/7910/
			Zimbabwe	Africa	adolescents in Zimbabwe	
148.	Ndava J. Timba B, Gadzirayi C.		Bindura University of Science Education	Chinhoyi University	Effect of graded levels of urea treatment on nutrient composition and in-vitro digestibility of Calliandra calothyrsus (Meissner	Scientific Journal of Animal Science (2018) 7(1) 479-485 ISSN 2322-1704 doi: 10.14196/sjas.v7i1.2487

# **FACULTY OF COMMERCE**

	AUTHORS	ORGANISATION	ORGANISATIO	GEN	NDER	TOPIC	JOURNAL
		1	N 2				
149.	Chipaike, C & Bischoff, P, H.	Bindura University of Science Education	Rhodes University, SA	X		A challenge to Conventional Wisdom; locating agency in Angola's and Ghana's Economic Engagements with China	Journal of Asian and African Studies. 1-16 (2018)
150.	Mwenje, J. F. Machingura, L. Togarasei & E. Chitando	Bindura University of Science Education	University of Zimbabwe University of Botswana			Leadership and Practices of Pentecostal Church Founders in Zimbabwe (Book Chapter)	Pentecostalism and Human Rights in Contemporary Zimbabwe, Cambridge Scholars Publishing, New Castle upon Tyne, pp.240- 263`
151.	Mugari, I & Obioha, E, E	Bindura University of Science Education	Walter Sisulu University			Perspectives on execution of powers and functions by the Zimbabwe Republic Police.	Corvinus Journal of Sociology and Social Policy, 9 (1), 127-149.

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152.	Mugari, I & Obioha, E, E	Bindura University of Science Education	Walter Sisulu University	Patterns, Costs, and Implications of Police Abuse to Citizens' Rights in the Republic of Zimbabwe	Social Sciences (MDPI), 7, 1-14 doi:10.3390/socsci7070116
153.	Mugari, I & Olutola, A. A	Bindura University of Science Education	Tshwane University of Technology , SA	The efficacy of civic society and media in holding the Zimbabwe police to account	Journal of African Foreign Affairs (JoAFA), Vol 5, 67- 89.
154.	Karambakuwa, R. & Ncwadi Ronney M	Bindura University of Science Education	Nelson Mandela University, SA	Constraints Faced by Exporting Small to Medium Enterprises in Sustainable Development	African Journal of Economic and Sustainable Development. Submission code AJESD-170534
155.	Karambakuwa, R. & Ncwadi Ronney M	Bindura University of Science Education	Nelson Mandela University, SA	Determines of Export Performance among Small to Medium Enterprises in Zimbabwe	KRE Journal of Economics, Taylor and Francis. REF No. JE-265 – to be published in December
156.	Majazi, A; Chari, F; Mushayavanhu, & Chari, F	Bindura University of Science Education		Published a book: Focus on Commerce Form 1 Learner's.	College Press
157.	F. Chari, E Chakamba, A. Majazi, J. Moyo, E. Mushayavanhu, D. Nyamayaro	Bindura University of Science Education		Published a book (Focus on Commerce Form 2 Learner's)	College Press
158.	F. Chari, E. Chakamba, A. Majazi	Bindura University of Science Education		Published a book: Focus on Commerce Form 3 Learner's.	College Press

159.	F. Chari, E.	Bindura University		Published	a t	book:	Focus	on	College Press
	Chakamba, A.	of Science		Commerce I	Form 4	4 Learn	ner's.		
	Majazi, J.	Education							
	Moyo, E.								
	Mushayavanhu,								
	D. Nyamayaro								

# FACULTY OF SOCIAL SCIENCES AND HUMANITIES

	AUTHORS			ORGANISATION 1	ORGANISATION 2	TOPIC/TITLE	NAME OF JOURNAL
		M	F				
160.	Sabao, C. & Chikara, T. O.			Bindura University of Science Education	University of Namibia  Midlands State University  Solusi University	Social media as alternative public sphere for citizen participation and protest in national politics in Zimbabwe: The case of #thisflag.	Exploring the Role of Social Media in Transnational Advocacy, pp. 17-35 (2018)
161.	Chipaike, R & Bischoff, P.H			Bindura University of Science Education	Rhodes University	A Challenge to Conventional Wisdom: Locating Agency in Angola's and Ghana's Economic Engagements with China	International Journal of Social Sciences in Humanities Research. 6(1) pp 1-12.
162.	Dodo, O & Dodo G			Bindura University of Science Education	Zimbabwe Open University	Youth, Parental Absenteeism and Political Bases in Mazowe District, Child & Youth Services,	Child & Youth Services, 38, 4, doi.org/10.1080/0145935X.2017. 1419056

163.	Dodo, O & Dodo	Bindura University	Zimbabwe Open	The Elderly in Political	International Journal of Arts and
	G	of Science Education	University	Conflicts: Exploration of a Sample in Mazowe	Humanities: 6(1), 264-293
164.	Kurebwa, J & Kurebwa N	Bindura University of Science Education	SOS Children's Village, Bindura	Child marriages in Rural Zimbabwe	International Journal of Civic Engagement and Social Change, 5(1):40-54.
165.	Kurebwa, J & Kurebwa N	Bindura University of Science Education	SOS Children's Village, Bindura	Child Marriages in Shamva District.	Global Journal of Human-Social Sciences. 18 (1):31-38
166.	Dodo, O & Majaha, J	Bindura University of Science Education	Great Zimbabwe University	African Youth's 'Whirl-wind' Allegiance to Leadership	International Journal of Modern Anthropology, 2(11) PP 108-124
167.	Dodo, O & Majaha, J	Bindura University of Science Education	Great Zimbabwe University	Conflict Resolution Paradigms and their influences to the Shona Societies in Zimbabwe	, International Journal of Arts and Humanities, 6(6) PP 417 - 422
168.	Muchemwa, C & Harris, G	Bindura University of Science Education	Durban University of Technology	'Mozambique's post war success narrative': Is it time to revisit the narrative?	Democracy and Security (forthcoming).
169.	Musara J.P, Musemwa L, Mutenje M, Mushunje & Pfukwa C.	Bindura University of Science Education	Women's University CIMMYT Southern Africa Regional Office	Market participation and marketing cgannel preferances by small scale sorghum	Agrekon, 57:1/ PP64 -77

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