

		<b>Monday 02.09.2013</b>		
8.00 – 8.30		Opening Ceremony (LOC, SETAC Africa, SETAC Europe, Vice Chancellor, University of Zambia)		
8.30-9.00		<b>Keynote 1:</b> <b>Environmental sustainability, economic growth and development: developing nation perspective</b> Sakala, J., Director General at the Zambia Environmental Management Agency		
9.00 – 9.20		Launch of Horizon Project Brooks, B.		
9.20 -9.50		COFFEE BRAK/ POSTER		
		<b>SESSION 3 Monitoring, fate and transport of agrochemicals and emerging pollutants</b> <b>Albertus, R.</b>	<b>SESSION 4 Environmental and public health of waste generation and management in Africa</b>	<b>SESSION 11 Ecotoxicology in tropical environments</b> Naik, Y.S. & Scholz, N.
9.50-12.30	9.50 – 10.10	<b>67 Baseline data on the common brominated and alternative flame retardants from air samples (high volume) and precipitation samples from the Lake Victoria watershed, East Africa.</b> AK Arinaitwe <sup>1</sup> , DM Muir <sup>2</sup> , BT Kiremire <sup>1</sup> , PF Fellin <sup>3</sup> , CT Teixeira <sup>2</sup> , HL Li <sup>3</sup>	<b>27 Toxicological Assessment of Environmental Metals in Selected Edible Leafy Plants on Umuka and Ubahu Dumpsites in Okigwe of Imo State, Nigeria</b> A Obasi <sup>1</sup> , I Akubugwo <sup>2</sup> , E Ugbogu <sup>2</sup> , C Okorie <sup>1</sup>	<b>1 Acute toxicity of deltamethrin on Oreochromis Niloticus</b> Placid Tankie <sup>1</sup> , Patricia Fai <sup>2</sup> , Jean marc Demefack <sup>1</sup> , / Mpoame Mbida <sup>1</sup>
	10.10–10.30	<b>68 Ambient air levels and wet deposition measurements of PCBs, organochlorine and currently used pesticides in samples from the watershed of Lake Victoria, Uganda.</b> AK Arinaitwe <sup>1</sup> , DM Muir <sup>2</sup> , BT Kiremire <sup>1</sup> , PF Fellin <sup>3</sup> , HL Li <sup>3</sup> , TH Harner <sup>2</sup> , RH Hecky <sup>4</sup> , CT Teixeira <sup>2</sup> , JW Wasswa <sup>1</sup>	<b>64 Urbanization, poor liquid waste management and environmental effects in developing countries: a case study of Bulawayo, Zimbabwe</b> C Teta, Y.S Naik	<b>14 The effects of Papea capensis methanolic extract on esterase enzymes in two aquatic snails</b> M Ndabambi, N Basopo, Y S Naik
	10.30 – 10.50	<b>70 Detection and Quantification of Oestrogenic Endocrine Disruptors in Water in Mwanza Gulf in Lake Victoria Basin, Tanzania</b> H Mdegela <sup>1</sup> , P Mabiki <sup>1</sup> , Sijaona Msigala <sup>1</sup> , James Mwesongo <sup>1</sup> , P Mhina <sup>2</sup> , Kamundia Waweru <sup>3</sup> , G Mbuthia <sup>3</sup> , K Byarugaba <sup>4</sup>	<b>77 Heavy metal levels in water, catfish (Clarias gariepinus) and riparian grass specimens from the municipal waste water fed Hex river outside Rustenburg city, North West province, South Africa.</b> M Nyirenda, T.E Blom, L.E Motsei	<b>20 The potential teratogenic effects of flush toilet detergents and fragrances to freshwater Zebra fish (Danio rerio).</b> Y.S. Naik
	10.50 – 11.10	<b>101 The roles of ICTs development in controlling mercury pollution and it's effects in Africa</b> Agunlejika, J. Federal college of Education, Gusau, Nigeria	<b>71 Dietary profile of selected polycyclic aromatic hydrocarbon fractions in processed meats</b> S Olatunji, O Opeolu, S Fatoki, J Ximba	<b>36 First evidence of the presence of chlordecone-reductase in the freshwater shrimp Macrobrachium rosenbergii and the oyster Crassostrea gigas: implications for water quality</b>

				and food safety assessment in tropical regions <u>L.L.-M. Lagadic, D Vassaux, M Rehel, L.L.-M. Lagadic</u>
			<b>SESSION 12 Sharing knowledge in Africa about chemicals in the environment</b> <b>Judson, P., Fai, P.</b>	
11.10 – 11.30		<b>106 Analysis for Organochlorine Pesticide Residues in Honey from Kabale District –South Western Uganda</b> <b>Ntirushize, B.</b>	<b>13 ISP and Environmental Chemistry in Africa</b> <u>U Sundin</u>	<b>65 Feminization of male tilapia in peri-urban dams in Bulawayo, Zimbabwe</b> <b>C Teta, Y.S Naik</b>
11.30 – 11.50		33 Pharmaceutical Personal Care Products in Waste waters: A Challenge for Africa? <u>MM NINDI, S dr DUBE, OS mr TSHABALALA</u>	<b>37 CBIC : Collecting and Disseminating Chemically-related Data and Toxicological Information in Africa</b> <u>NKF Ntie-Kang<sup>1</sup>, Dr Lifongo<sup>1</sup>, Dr Nfor<sup>1</sup>, Dr Asengalem<sup>1</sup>, Mr Fomban<sup>2</sup>, Dr Orish<sup>3</sup>, Mr Mainsah<sup>1</sup>, Dr Fai<sup>4</sup>, Dr Nfon<sup>5</sup>, Prof. Efange<sup>1</sup>, Dr Judson<sup>5</sup></u>	<b>85 Organochlorine Pesticide Contamination in Tropical Soils- Case Study of Kenya</b> <b>O. MADADI<sup>1</sup>, M. prof. Shiundu<sup>2</sup>, O. prof. Wandiga<sup>1</sup></b>
		<b>SESSION 10 Climate change , emerging pollutants and possible solution</b>		<b>SESSION 1 Environmental regulation of pesticides in Africa</b> <b>Peeters, F. and Woldeamanual, A.</b>
11.50 – 12.10		<b>117 ICTs, Climate change and renewable Energy: Tackling the Climate Change in African countries through investments in ICTs, Renewable Energy and Briding the Digital Divide</b> <b>Bashiru, L.</b>	Discussion: What kind of knowledge should we share and how should we share it?	<b>32 Pesticide Risk Reduction Programme - Ethiopia</b> <b>F.M. Peeters<sup>1</sup>, Mr. Woldeamanuel<sup>2</sup></b>
12.10.–12.30		<b>25 Decreased biomass concentration on crude oil impacted soil ; measurable indices in climate change.</b> <b>O OTITOJU<sup>1</sup>, N.O. ONWURAH<sup>2</sup></b>		<b>50 The Roles of Private Actors for Sustainable Pesticide Distribution and Use in Ethiopia</b> <b>Tizazu Mengistie, P.J. Mol, J.M. Oosterveer</b>
12.30 – 13.30			Lunch Break/ Poster	
13.30 – 14.10			Keynote Lecture 2 <b>N. Scholz (Evonik Industries AG)</b>	
14.20 – 15.40	14.20 -14.40	<b>51 Thermoregulation in the bank vole exposed to chlorpyrifos: effect of artificial selection for increased maximal aerobic metabolic rates.</b> <b>G.D Dheyongera, ES Sadowska E.T, AR Rudolf, PK Koteja</b>		<b>12 Risk assessment for small surface waters to be used in the Ethiopian pesticide registration procedure</b> <b>P.J. Van den Brink<sup>1</sup>, A. Woldeamanual<sup>2</sup>, P.I. Adriaanse<sup>3</sup>, M.M.S. Ter Horst<sup>3</sup>, B.M. Teklu<sup>4</sup>32</b>
	14.40 – 15.00	<b>E3 Production of Biofuels from Tropical Seaweeds</b> <b>Omega A. Vicent, Musa Chacha, Aviti J. Mmochi*</b>		<b>29 Challenges in pesticide registration in Africa</b> <b>WR Utembe, Prof Gulumian</b>

	15.00 – 15.20	82 Addressing global warming through the promotion of Green Products: Customer Perceptions on (E10) Ethanol Blended Petroleum in Zimbabwe. OM Masunda, NM Makwanise, WM Mutonhori		E5 State of Education in Regulating Pesticides in Zambia Charles M. Namafe
15.20 – 15.40		Coffee Break		
		<b>SESSION 5 Fate and effect of pesticides in the African environment</b> <i>Van den Brink, P.</i>	<b>SESSION 6 Nanotechnology and the environment</b> <i>Ndeke Musee &amp; Melusi Thwala</i>	x
15.40– 17.40	15.40-16.00	45 Effects of chloryrifos and mercury on selected enzymes of the freshwater snail <i>Lymnaea natalensis</i> <b>N Basopo<sup>1</sup>, C Mtetwa<sup>1</sup>, M Ndabambi<sup>2</sup></b>	4 Fractionation of Natural Organic Matter upon Sorption to Titanium Dioxide Nanoparticles: Influence of pH and Ionic Strength <b>PM Mwaanga<sup>1</sup>, R Carraway<sup>2</sup>, A Schlautman<sup>2</sup></b>	
	16.00 – 16.20	5 OCPs profiles in birds and their prey from Ethiopian Rift Valley Region <b>Yared Yohannes, Dr Ikenaka, Dr Nakayama, Professor Ishizuka</b>	10 How water chemistry determines the risk of metallic engineered nanoparticles in aquatic ecosystems: nAg and nZnO case study <b>M Thwala<sup>1</sup>, N Musee<sup>1</sup>, L Sikhwihilu<sup>2</sup>, V Wepener<sup>3</sup></b>	
	16.20 – 16.40	118 Cholinesterase activity amongst flower farms workers in Northern Tanzania: Influence of work practices <b>1Machunda RL, 2London L, 3Ngowi AVF and 3Mbise</b>	26 Effect of size and surface polarity on the uptake and toxicity of nanoparticles to <i>Daphnia magna</i> <b>B ASANGA FAI<sup>1</sup>, A Grant<sup>2</sup>, G Mayes<sup>3</sup>, A M Ali<sup>3</sup></b>	x
	16.40 – 17.00	104 Levels and Chemodynamics of Pesticide Residues in Lake Tanganyika Basin of Tanzania Nambela, M.	57 Application of modeling approaches on risk assessment of engineered nanomaterials: two case studies <b>N Musee</b>	
	17.00 – 17.20	75 Possible risk effect of 2, 2- dichlorvinyl dimethyl phosphate exposure on non target organism <b>N Abara, O. K. Chime, A. C. Udebuani, C. Uwazuronye</b>	58 Lessons on mechanisms on risk management of emerging environmental contaminants: a case of engineered nanomaterials <b>N Musee, M Mathye</b>	
	17.20 – 17.40	17 Level of organochlorine pesticides in fish species from Lake Awassa in the Ethiopian Rift-Valley (2009-2010) and implications in dietary exposure <b>Dr. Weldemariam<sup>1</sup>, Professor Eklo<sup>2</sup></b>	95 Fabrication of nanoparticles using natural products and their characterization coupled with decomposition of hydrocarbon applications <b>Kamau, G.N., Kathiti, D., Oyagi, M., Guto, P., Michira, I.</b>	
	17.40 -18.00	7 Levels and patterns of organochlorine pesticides and their degradation products in rainwater in Kibaha, Tanzania <b>A.M. Mahugija<sup>1</sup>, Werner Schramm<sup>2</sup>, Bernhard Henkelmann<sup>2</sup></b>	115 Carbon Monoxide Gas Sensor based on a Polyaniline Film as Active Layer Comprising Nano Particles <b>Mateyo Jnr, B., Onesmus, M.</b>	
	17.30 -18.30	Poster Session		

	<b>Tuesday 03.09.2013</b>	
8.00 -8.40	<b>Keynote Lecture 2</b> <i>Abdouraman, B. (UNEP, Chemicals &amp; Waste)</i>	
	<b>SESSION 9 Human health effects of pollutants</b> <i>Hutter, H.P. &amp; Utembe, W.</i>	<b>SESSION 2a Soil pollutants' assessment, monitoring and remediation</b> <i>Dr. Beatrice Olutoyin Opeolu</i>
8.50 – 9.10	<b>19 Impact of Black Limestone Dust from a Solid Mineral Processing Factory on the Physicochemical Characteristics and Genotoxicity of Onion Bulbs</b> <i>P. OLORUNFEMI, D.I. OLORUNFEMI, F.C. AMAEFUNA</i>	<b>69 Biodegradation and extraction behaviour of 14C-azoxystrobin in biochar amended soils</b> <i>U. O. Ogbonnaya<sup>1</sup>, C. J. Howell<sup>2</sup>, G. D. Bending<sup>2</sup>, K. T. Semple<sup>3</sup></i>
9.10– 9.30	<b>22 Lead poisoning in children from townships in the vicinity of a lead-zinc mine in Kabwe, Zambia</b> <i>J Yabe<sup>1</sup>, SMM Nakayama<sup>2</sup>, Y IKENAKA<sup>2</sup>, BY YARED<sup>2</sup>, N BORTEY-SAM<sup>2</sup>, O BALAZS<sup>2</sup>, K MUZANDU<sup>1</sup>, K CHOONGO<sup>1</sup>, AN KABALO<sup>3</sup>, J NTAPISHA<sup>3</sup>, AS MWEENE<sup>1</sup>, K ARIZONO<sup>4</sup>, T UMEMURA<sup>2</sup>, M ISHIZUKA<sup>2</sup></i>	<b>62 Distribution and degradability of anti-malarial pharmaceuticals in agricultural soils</b> <i>N.Hijikat Hijikata<sup>1</sup>, M. Hideak Miyai<sup>2</sup>, T. Kakimo Kakimoto<sup>3</sup>, N. Funami Funamizu<sup>2</sup></i>
9.30 – 9.50	<b>28 Key outstanding issues in the health risk assessment of lead: Implications for Africa</b> <i>WR Utembe<sup>1</sup>, Dr Alfazema<sup>2</sup>, Prof Gulumian<sup>1</sup></i>	<b>73 Organoremediation of spent engine oil polluted soil of automobile service center in Southeastern Nigeria.</b> <i>C Udebuani<sup>1</sup>, N. E prof Onwurah<sup>2</sup></i>
COFFEE/ POSTER		
		<b>SESSION 2b Water pollutants' assessment, monitoring and remediation</b> <i>Dr. Beatrice Olutoyin Opeolu</i>
10.30 -10.50	<b>31 Estimation of trace metals in imported and locally produced rice consumed in Nigeria.</b> <i>O OTITOJU</i>	<b>Toxkit microbiotests : Practical and inexpensive alternatives to lab culture tests for research and toxicity monitoring.</b> <i>H Pearson<sup>1</sup>, Prof Persoone<sup>2</sup></i>
10.50 – 11.10	<b>78 Life Cycle Assessment of the production of Xanthate Salts</b> <i>M.C. Kunene, J.L. Broadhurst, H. Von Blottnitz, P. Dicks, J-P Franzidis</i>	<b>E 1 Baseline levels and trophic transfer of persistent organic pollutants (POPs) in water, sediment and biota from the lower Olifants River, South Africa</b> <i>Verhaert Vera<sup>1</sup>, Nadine Newmark<sup>1</sup>, Adrian Covaci<sup>1,2</sup>, Steven Bouillon<sup>4</sup>, Wynand Vlok<sup>4</sup>, Victor Wepener<sup>15</sup>, Antoinette Jooste<sup>6</sup>, Ronny Blust<sup>1</sup>, Lieven Bervoets<sup>1</sup></i>
11.10 – 11.30	<b>105 LCA of sustainable development of Eritrea</b> <i>Ferrari, A.M., Zerazion, E.</i>	<b>54 Aquatic Pollution in Cotton Growing areas of Zimbabwe : A Preliminary study</b> <i>B.K Munjanja, S.M Majoni</i>
11.30 – 11.50	<b>79 First experiences from a feasibility study on human health risks from pesticides use in Jarabacoa, DR</b> <i>H-P Hutter<sup>1</sup>, MK Kundi<sup>1</sup>, SB Bollmohr<sup>2</sup>, HL Ludwig<sup>3</sup>, PW Wallner<sup>4</sup></i>	<b>8 Degradation of Pesticides in the Aquatic Environment: Characterization in terms of a Rate Model that takes into account Hydrolysis, Photolysis, Microbial Degradation and Adsorption of the Pesticide by Colloidal and Sediment Particles.</b>

		<b>MFZ Zaranyika, PD Dzomba</b>
11.50 – 12.10	<b>92 Heavy metal distribution in the environment and their risk assessment: Case study of Kabwe and Kitwe</b> <b>Tembo, D.</b>	<b>61 Heavy metal contamination of Richmond Landfill in Bulawayo, Zimbabwe and surrounding ground water quality</b> <b>C Teta, T Hikwa</b>
12.10.–12.30	<b>93 Anti-hepatotoxic properties of Sapium ellypticum stem bark on carbon tetrachloride model</b> Njouendou, A.J.N.	<b>94 Natural and anthropogenic factors influencing the trophic interaction of schistosoma vector snails in Zambia.</b> <b>Monde, C.L.</b>
12.30 -13.30	<b>LUNCH/ POSTER</b>	
13.30 -14.10	<b>Keynote Lecture 4</b> <b>Ecotoxicology and risk assessment: Application of ecological risk assessment (ERA) tools</b> <i>Onwurah, I. (University of Nigeria)</i>	
	<b>SESSION 8 Sustainable use of pesticides</b> <i>Bollmohr, S. , Dyson, J.</i>	
14.20 -14.40	<b>56 Pesticides, ecosystem services and agriculture in developing countries</b> <b>L Maltby</b>	<b>E 4 The Challenges of Eliminating and Replacing Perflourooctane sulfonic acid, its salts(PFOS) and Perflourooctane sulfonyl fluoride(PFOS-F). The African Case.</b> <b>Banda, S.F., Nkoya, M.M.</b>
14.40 – 15.00	<b>40 Hazards of pesticides imported into Mozambique, 2002-2011</b> <b>J Lahr<sup>1</sup>, R Kruijne<sup>1</sup>, JG Groenwold<sup>1</sup>, M Come<sup>2</sup>, K Cassam<sup>2</sup>, F Mancini<sup>2</sup></b>	<b>99 Survey of the occurrence of oxytetracycline in untreated and treated drinking water in Bindura town using dispersive solid phase extraction HPLC-UV technique.</b> Dzomba, P.D.
		<b>SESSION 2c Water and soil pollutants' and remediation</b> <b>Dr. Beatrice Olutoyin Opeolu</b>
15.00 – 15.20	<b>18 Health Implication of Excessive Use and Abuse of Pesticides by the Rural Dwellers in Developing Countries: The Need for Awareness</b> <b>O Ikpesu, A.B. Ariyo</b>	<b>90 Sorption of heavy metal ions (Cu<sup>2+</sup> and Cd<sup>2+</sup>) from simulated and industrial waste waters using sugarcane biomass</b> Opeolu, B.
15.20 – 15.40	<b>91 Sustainable Intensification and Pesticide Use - Tanzanian Smallholder Case Studies in Maize and Rice</b> <b>Dyson, J.S.</b>	<b>48 The potential of zea mays, commelina Bengelensis, Helianthus Annus and Amaranthus Hybridus for phytoremediation of waste water</b> <b>- Oyar<sup>1</sup>, R. - Okongo<sup>2</sup>, C - Kirui<sup>1</sup></b>
15.40 – 16.00	<b>115 Lifting the load-container management of crop protection products</b> <b>Njoroge, S.</b>	<b>49 Removal of Cd (II), Pb (II), and Cr (III) from Aqueous Media by Raw and Hybrid Feldspar Clays</b> <b>B.K.O Agbaogun, B.I Olu-Owolabi, A.I Adeyemi</b>

16.00-16.20		COFFEE/ POSTER
16.20 – 16.40	<p><b>23 A decade of research and experience in integrated vector management in Cameroon</b>  <b>BN Baleguel Nkot<sup>1</sup>, JCN Jane Che Nchangwi<sup>1</sup>, PDB Pierre Didier Baleguel<sup>1</sup>, TDN Tarla Divine Nfor<sup>2</sup></b></p>	<p><b>41 Risk Reduction of soil Contaminated by Obsolete Pesticides in Africa</b>  <b>M. Ammati<sup>1</sup>, J Harmsen<sup>2</sup>, CH Sylla<sup>3</sup>, J Lahr<sup>2</sup></b></p>
16.40 – 17.00	<p>60 Plant-derived pesticides ; a sustainable tool to serve environment  <u>J MAGADULA</u></p>	
17.00 – 17.20	<p>63 Candidate Attractants for Bactrocera invadens (Diptera: Tephritidae) Male Flies from Gynandropsis gynandra (Capparidaceae)  <u>S. Kimbokota<sup>1</sup>, - Torto<sup>2</sup></u></p>	
17.20 – 17.40	<p>Horizon Planning: Discussion on Research Questions for Africa  Brooks, B.</p>	
17.40 -18.10	<p>Closing Ceremony</p>	
18.15 – 19.00	<p>General Assembly- SETAC Africa</p>	

