



14TH SANORD INTERNATIONAL CONFERENCE:

5-7 DECEMBER 2022 SOUTH AFRICA

***Finding solutions: The Nexus between SDG's and South-North
Partnerships: Prospects***

CONFERENCE PROGRAMME

Message from the chairperson of the LOC

2022 SANORD LOCAL ORGANISING COMMITTEE

Thembinkosi Mabila - (Chairperson)
Nonceba Mbambo-Kekana – (Secretariat)
Buliswa Msana - (Secretariat)
Annah Chuene - (Secretariat)
Mosa Selepe – (Scientific Committee)
Peter Mphekgwana – (Scientific Committee)
Nkateko Mabila – (Scientific Committee)
Livhuwani Muthelo – (Scientific Committee)
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Henri-Count Evans – (Scientific Committee)
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Layane Mabasa – (Scientific Committee)
Johannes Maree – (Scientific Committee)
Marelize Kellermann – (Finance Officer)
Kholofelo Sekoala (Finance Officer)
Buti Doubata - (Web Developer)
Maria Moja – (Event Management)
Lebogang Mokaze – (Event Management)
Moses Moreroa – (Brand and Marketing)
Thabo Madisha – (Graphic Designer)

Session Chairs:

Closing remarks:

Sunday, 4 December 2022

14h00- 18h00	REGISTRATION
14h00 – 15h30	SANORD LOC + CENTRAL OFFICE MEETING
15h30	TEA
16h00 – 18h00	SANORD STRATEGY MEETING
18h00	

Monday, 5 December 2022

7h30 – 8h30	Registration of Delegates	
8h30 – 9h00	Chair: Welcome and Opening of Conference	
9h05 – 10h00	KEYNOTE ADDRESS:	

10h00 – 11h00	Panel Discussion				
11h00 – 12h00	3 MT Competition				
	Room 1	Room 2	Room 3	Room 4	Room 5
12h05- 13h30	Workshop 1 How to teach about climate change? – <i>E Eidsvik</i>	Workshop 2 Tools for intercultural learning – <i>E Kvaale, K Frydenlund, D Jithoo, L Samuels & T.S Kittelsen</i>	Workshop 3 An inclusive approach to driving SDG's: Redefining the role of administration in higher education – <i>J Frantz & E Kvaale</i>	Workshop 4 The multiplicity of mathematical and artistic concepts and transdisciplinary creativity evidenced in students' works created for South African Mathart Competition – <i>K Fenyvesi, P Burnard, W Olivier, C Steyn, C.S Brownell & Z Lavicza</i>	SANORD Contact Persons Meeting
13h30- 14h15	LUNCH				

14h15-17h35	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
14h15-14h35	Prospective Health impact and feasibility assessment of nutritional health intervention for maternal mortality: A case study in Ghana - <u>F Adusei-Mensah, S.A Olaleye & O.S Balogun</u>	Supporting students and advisors with thesis process digitalisation - S David	African Higher Education: Focus on local context - G.Y Abraham	Innovation and collaboration in electric vehicles, energy systems, and charging infrastructure- J.K Leijon	Blended learning and tertiary education nexus in Liberia: an empirical approach – O.M Nosiru & E Oshionebo	Zambian higher education as a contributor to solutions for global change? A civic education perspective - G Muleya & A Haugen
14h35-14h55	Bringing water to the south urban inequalities in water pressure - L.E Bonde	Fast-track South-North collaboration through digital business ecosystems - T de Ridder	Building international collaborations that are resilient and sustainable: How the Swedish-South African collaboration SASUF increased collaborations to jointly find solutions	Global energy transition – search for research collaboration in the field of renewable fuels and energy conversion - M Lundgren	Sustainable development in sport schools - T.R Petersson, L Leach, S Talien & P Wollmer	Bridging the research divide and 4th IR: How academic libraries create pathways for strengthening research support and impact at the University of Western Cape

			in line with the sustainable development goals - H.B Kartal			(UWC) - S Neerpath
14h55-15h15	When should countries discontinue intermittent preventive treatment against malaria in pregnancy? A cost effectiveness analysis - A.T Chamani, A Mori & B Robberstad	The impacts of per-urban expansion on municipal and ecosystems services: Experiences from Makhado Biaba Town - N Ekelund, E Ingwani, L.R Gurero, T, Gumbo , V Nel , M Thynell & P Schubert	Education, indigenous knowledge's and the SDGS - A Breidlid	Short scale variability characterization of solar irradiation in conditions of intermediate-sky - F. V Mucomole	Food safety knowledge and attitudes of consumers of street-vended food in Thulamela municipality, South Africa - M.A Mathaulula, J Francis, M Mwale & A.I.O Jideani	Developmental origins of Adult Health and Disease (DOHaD): A cohort study comparing weight gain as a cardiometabolic risk factor in children exposed to smoking and alcohol in utero, in low socioeconomic setting in South Africa - T.M Nyamurowa
15h15 – 15h35	Tea break					

15h35-	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
15h35-15h55	Incorporating Ubuntu Principles in the Tutor Training Programme to Promote Academic Success and Wellbeing - S.A Hlabane	Student mobility to and from Norway and Zambia, the role of an international student analysed by critical intercultural theories including white privileges - A Bergersen	A critical analysis of the lancet and the standard for medical science-the case of FGC/FGM - B Essén	Towards truly sustainable futures: Images of the future of South-North innovation for SDG 7 - J Karjalainen	Perceptions On the Inclusion of Traditional Medicine in Primary Health Care. - T.D Mdhuli	Education, health and gender-menstruation as barrier for girls' education? A case from Tanzania - V Vâgenes, C Grevstad & M Stave
16h15-16h35	Discourses of sustainability, migration and culture production in south African geography textbooks - L Leer	The perception of inclusive education: Teachers and Parents view on the possibilities of inclusive education in Kenya - A.K.E	Creating enabling environments in Sweden and in South Africa for children in care. A report from a joint workshop on children's participation in October 2021 -	Finland-Africa Platform for innovation (SDG 9): Innovative South-North Collaborations - P Le Grand & J Jauhiainen	"The pandemic is a portal to the future": An engagement with Arundhati Roy's portal metaphor and internationalisation in Higher Education - Y.M Rodny-Gumede	Public-private partnerships for infrastructure projects in Africa - R Owusu

		<i>Hellberg & B Mulavi</i>	<i>M.L Lindahl & L Mossberg & P Nykänen</i>			
16h35-16h55	In-service teachers' perceptions towards the use of indigenous materials and activities in the teaching and learning of Secondary School Mathematics - <i>N Mkwelie & Z Zanamwe</i>	Technical teacher professional development strategies: Mediating 4th Industrial Revolution - <i>N Kufaine</i>	Can indigenous medicines be a catalyst toward achieving SDG3? Communities' construction and appropriation of indigenous medicines during the covid-19 era in Eswatini – <i>V Mthembu</i>	Mapping AI-driven period tracking transnational ecosystem and stakeholder participation in Zimbabwe - <i>D Munetsi</i>	Co-innovation of an affordable and effective cardiopulmonary (CPR) resuscitation training solution for Africa - <i>S Salantera, D.T Kahsay, M Tommila & L.M Peltonen</i>	Developing students entrepreneurial learning adaptability through cross-cultural learning – <i>I.B Pettersen, E Kubberod. E van der Lingen, B.W Amo, J Johnstad Bragelien & K.H Voldsund</i>
17h15-17h35	Integrating indigenous knowledge systems: possibility or illusion? - <i>S.B Morobolo</i>	Student - teachers perceptions of the benefits of an internship abroad programme – <i>A Lee</i>	Learning Narrative Competence: Qualitative Evaluation of Social Work and Health Care Professionals' Experiences of Participating In A Reflective Writing Intervention – <i>E.T Renko & J Valtonen</i>	Research funding support role for enhancing North-South Cooperation - <i>V Myllynpää</i>	A new start with old tools. – <i>A.J Melting</i>	The impact of global influence on Higher Education in South Africa - <i>M.S Rabodiba</i>

17h00- 18h45	SANORD Board Meeting Boardroom					
19h00- 20h30	WELCOME COCKTAIL/NETWORKING SESSION					

Tuesday 6th December 2022

7h30-8h00	Registration of Delegates					
08h00-08h45	Plenary:					
8h50-10h10	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
8h50 – 9h10	The status quo of SDGS localisation at Higher Education Institutions in Zimbabwe: A review - <u>L Chapungu</u> & <u>G Nhamo</u>	Structuring a Sustainable Policy Response for the effect of Covid-19 on employment in the Creative Industries - A.O Abisuga	Language and popular culture in After Tears, Room 207 and Coconut - N. T Nichols	School-based support teams and their support of inclusive education practices; Teachers Perspectives in the Rural context - I.B Makofane	TVET lecturer learning through industry meetings: Work-integrated learning experience - J Mesuwini & K. L Thaba-Nkadimene	Dirisan+: A multinational-collaborative project on improving undergraduate student learning experiences in post COVID-19 era – AL Vainio E Abbe, A Duplessis, S Lipinge, H Burger, O

Tuesday 6th December 2022

Tuesday 6th December 2022						
						Kortekangas-Savolainen & M Erasmus
9h10 – 9h30	En route to a sustainable future through quality education – S David	Technology integration into in-service teacher professional development in higher education institutes in South Africa and Eswatini - S Bhebhe	Assessing the role of indigenous climate forecasting systems in building farmers' resilience in Nkayi District, Zimbabwe – D Nyathi	Blended learning in higher education in the era of Covid-19 and implications for 4IR: The case of a selected state University in Zimbabwe - S Naidoo	Higher Education for Sustainable Development: Actioning agenda 2030 global goals in policy and curriculum – G Shava	Integrating indigenous knowledge systems into environmental conservation policies and programmes: A missing sustainable environmental resources conservation approach for Lesotho – T.A Rantšo
9h30 – 9h50	Efficient sgd fulfilment for regions in transition: Linking society to research addressing	The juxtaposition of peer interventions and mass media health campaigns for cervical cancer awareness among rural women in	Pepper-bark tree conservation conversations: designing conversation starters to	Global collaboration in research and higher education within Dentistry-challenges and experiences - M Nordström, U Lindmark, A	Teaching for social justice and health in 'life orientation' and 'physical education and health' – a comparative study - K Schenker, A	Social Protection In Africa: A Focus On Gender Equality And External

Tuesday 6th December 2022

	development challenges - <u>P Sundin</u>, R Waters, P Sävbblom, M Cedercrantz, D Bergquist, S Urenje, B.O Turesson, U Ouline	Limpopo province, South Africa. - <i>M.E Choung</i>	explore conservation strategies with local communities - <u>L Reitsma</u>, G Sibandze & M.N Dlodlu	<i>Kearney, Y Malele-Kolisa, D Mtyongwe, TRMD Ralephenya & P Sodo</i>	<i>Kitching, S Linner, G Gerdin, K Lundin & L Botha</i>	Shocks - <u>S Atkins</u>, J Tiitto, J Kervinen, J Miti, P Nhassengo. M Perkiö & M Koivusalo
9h50-10h10	Discourses of development as markers of national identity: a Tanzanian educational perspective - <i>A.D.F Haugen</i>	Mapping research on sustainable development goals and higher education: A bibliometric analysis - <u>E Henri-Count</u> & T.E Mabila	The conservative and modern traditional health practitioners (THPS): An Indigenous Knowledge System (IKS) perspective from Vhembe District, Limpopo Province of	Innovative pedagogical m-learning practice for teaching mathematics with geogebra applets - <i>W.A Olivier</i>	Indigenous coping strategies on water provision towards the impacts of erratic rainfall in the rural community of Molefji, Limpopo province, South Africa - <i>T.R Modise</i>	Instructional leadership in literacy in the foundation phase of primary schools during Covid-19 pandemic, Capricorn district, South Africa: A needs analysis.- <i>M.W Seshoka, L.T Mabasa</i>

Tuesday 6th December 2022

			South Africa - <i>T.M Risimati</i>			& M.L Mahlatji
10h10-10h30	Tea break					
10h35-11h25	Plenary					
11h30-13h10	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
11h30-11h50	Breaking the Norm: Conducting a needs analysis for a literacy intervention strategy, Capricorn District - E.S Chuene, K.N Maswanganyi, T.W Molotja & S Ndlovu	Decolonizing research methodologies: joint field research and re-imagined South-North collaboration - S Hagberg	The role of foreign cultural institutes in higher education in Africa - L.R.K Laakso	Keeping participants involved in the cote programme - K Ferreira-Meyers	New approaches to continuing professional teacher development on teachers' training initiatives – C Moekwa	Sustainable entrepreneurship, identity and context: A case study of Norwegian and South African entrepreneurs O.C Rykkje I.B Pettersen & Ø.S Høvig
11h50-12h10	Health resilience factors among dental carries-free adults in low socio-economic	Collaborative and online learning: Integrating decolonial cultures into hybrid forms of	Pre-service teachers and their construction of diversity in the	Collaboration on mobile platforms for student and staff – self-help apps - must	Restraining marginalisation: Equity in higher education in	Sustainable Development Goals and tourism: Research and

Tuesday 6th December 2022

	<p>areas in South Africa; Pilot Project Plan - <u>Y Malele-Kolisa</u>, TRDM Ralephenya, P Sodo , A Kerney , D Ntyongwe, M Nordström & U Lindmark</p>	<p>learning and mobility - J Peter</p>	<p>Araucania region - L Leer</p>	<p>or need? Case study of NUST - J.E Frans</p>	<p>Namibia for global change – M Shepayo</p>	<p>education needs on sustainable tourism in Southern Africa – J Saarinen, N Mswete, E Kavita & D Abrahams</p>
<p>12h10-12h30</p>	<p>Age and sex dependent variability of type 2 dopamine receptors in the human brain: A large-scale PET cohort. – T.K Malén</p>	<p>Employee Commitment During Change at the Department of Higher Education and Training- K.L Marotola</p>	<p>Exploring perceptions of sexual abuse in selected secondary schools within Capricorn district of Limpopo province M.H Mamadi</p>	<p>Higher education solutions for global change recruiting low-literate immigrants to a research project – lessons from Norway L Grinden & L Botha</p>	<p>Evaluation of rural teachers use of technology in classrooms as a strategy towards bridging learners' the technology underexposure I.N.K Senyatsi</p>	<p>Lecturers' understanding on the use of open educational resources (OER) in teaching and learning at the three South African universities R.J Setshedi</p>

Tuesday 6th December 2022

12h30-12h50	Assessment of first-year undergraduate students' experiences on the transition to online learning during covid-19 - S.N Mamabolo	Exploring the potential of the b2b sharing economy for start-ups and early business development: a Norway, South Africa comparative study - K.W Ivankovic & I.B Pettersen	Open distance e-learning: the impetus for shaping the future of higher education in the context of Zimbabwe. - A Mangena	Catastrophic health expenditure and voluntary health insurance: Can community based health insurance scheme reduce catastrophic health expenditure in rural Tanzania? - A.P Kagaigai, A Mori, A Anaeli & S Grepperud	Treatment of acid mine drainage with ROC process for the recovery of drinking water and saleable products - T.M Mogashane, J.P Maree, M.H Moloto, M Mujuru & M.M Mphahlele-Makgwane	Hospitality sector: An analysis of hotel chains in Zimbabwe - N Shereni, J Saarinen & C.M Rogerson
12h50-13h10	"mHealth Intervention for Promoting HIV Pre-exposure prophylaxis use: Effect of Jichunge intervention among female sex workers in Dares Salam, Tanzania" - C Mbotwa	Ubuntu - An unrecognised key to successful migrant integration? - N.L Joubert & R Freeman R	Gender and active citizenship: the analysis of teacher education - P.B Massao	Multicultural practicum groups. Internationalisation at home and away – J Klein & G Wikan	Recovery of CaCO ₃ , Na ₂ CO ₃ and MgO from alkali earth metals - C.P Mokgohloa	Contribution of Zambian women in tourism to attainment of SDGS 1 and 5. - C Sichimwa & P Sakala
13h15-13h50	Lunch					

Tuesday 6th December 2022

14h00-16h30	Excursion
17h00-18h30	Conference AGM (Short)
19h00-21h00	Lion Feeding and Cultural Dinner

Wednesday 7th December 2022

7h30-8h00	Registration of Delegates					
08h00-09h00	Plenary					
09h05-10h05	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
9h05-9h25	Health system response during the covid-19: A comparison between Finland and South Africa - HM Tiirinki & I.S Tenza	Student teachers' experiences and cognitions on being an English teacher: A South African-	The concept of sustainable development in Tanzanian and Norwegian education	External dynamics Exasperations on the Adoption of Enterprise Application Architecture for Supply Chain	Psychological factors that inhibit literacy development in the primary schools of Cpricon District, Limpopo Province -	Virtual technology for student active learning abroad - G Stordal & M Lee

Wednesday 7th December 2022

		Norwegian comparative study – H.E Rimmereide	policies - ØK Mellingen	Management – K.X Lamola	M.D Sepadi, I.B Makofane, M.J Themane	
9h25-9h45	Indigenous weather observatories: Merging scientific and local knowledge respectfully – M.B Taele	“From North to South – and back” – future teachers’ reflections on ethnic representations in Swedish vs African textbooks for compulsory school - V Simon	Understanding the pedagogical foundations of entrepreneurship education within the higher education landscape in South Africa – S.D Mmakola	Assessing the Impact of COVID on the SME Tourism Sector of Windhoek Using the Sustainable livelihoods Framework - L Liebenberg & I Green	"Of mergers and integration of indigenous knowledge systems and scientific knowledge in the era of global neoliberalism: A recipe for epistemicide?" – C.O Molebatsi, C. Molebatsi, S. Morobolo & G. Lethugile	Mitigating and adapting to climate change impacts from an African perspective: The complementary role of climate science and local knowledge systems - G Tati
9h45 - 10h05	The exploration of some indigenous knowledge contents ideal for enculturation of Vhavenda youths using social	The role of professional development in the diffusion of steam in the South African	The capacity development needs of research ethics committee administrators	Kindergarten adoption - A different internship! - O.B Lysklett	Implementing a Public Policy to extend social security to informal economy workers in Zambia - J Miti & M Perkiö, A.M.S Atkins	Treatment of flue gas desulfurization waste water with freeze crystallization - A.L Tau, J.P Maree, A Adeniyi & M.S Onyango

Wednesday 7th December 2022

	media - L Tshikukuvhe	schools - C Steyn, T Morar & W Olivier	in South Africa: A survey – M. A Mulondo			
10h05-10h20	Tea break					
10h25-11h25	Panel Discussion					
11h30-12h30	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
11h30-11h50	Towards the Adoption of Indigenous Traditional Games in The School Curriculum, the Transition to Achieve Education for Sustainable Development in Education, the Zimbabwean	Student Teachers Professional Development and Identity During an Internship Abroad - A Lee	One Ocean: Joining forces in the Classroom- E Eidsvik	Decolonizing research methodologies: the question of language in international collaborations – A.S.O Makkonen	Academic remediation in medical education: A measure of equity and inclusivity: clinical educators perspective – A.E Ugwuanyi, R Cooke, P Sodo & S Pillay	Case study of Namibian student-teachers' experiences of teaching – C.K Tjitemisa, C Alexander & E Kirchner

Wednesday 7th December 2022

	Experience. – E.M Tapera					
11h50-12h10	The nature and Extent of Bullying: A case study of students from a South African University - K.J Motloutse, W, Maluleke & J Barkhuizen	Storybooks Zambia and storybooks Norway: Multilingual digital stories for language and literacy learning – D. S Mwanza, A M Danbolt & E Stranger-Johannessen	“There is death in the Pot”: Exploring African Indigenous Medicine Usage in the Treatment of Diseases in the Vhembe Biosphere Reserve, Limpopo Province of South Africa – SL Kugara & TM Risimati,	The Integration of Information and Communication Technology for Teaching and Learning in Technology Grade 7 Classroom - T.N Manganye N Manganye and MS Ramaligela	Covid-19 Rapid Impact Assessment on Domestic Workers In Zambia - J Miti & T Mponda	Fostering Narrative Competence In Clinicians: A Course In Close Reading And Reflective Writing For Healthcare And Social Work Professionals – V Jussi
12h10-12h30	Temporal Local Variability of Solar Energy in Short	Diabetes health information kiosk for self-	The prevalence of food insecurity at an	Some difficulties encountered by Limpopo Province Foundation Phase	Tourism development for social sustainability? Commercial sex and HIV/AIDS in the tourist	Looking Back In Order To Move Forward In Driving The Sdg 2030 Agenda: The Uib And

Wednesday 7th December 2022

	Scale - <i>F.V Mucumole</i>	management education: A conceptual design - <i>C.J Orre G, Voster, D Boucher & T Lindrotch</i>	institution of higher learning: The quantitative responses - <i>M.E Mashabela, M.E Rapetsoa & B.M Selepe</i>	teacher in the teaching of reading and writing: A sustainable approach - <i>K.N Maswanganyi, T.N Molotja, E.S Chuene & S Ndlovu</i>	town of Maun, Botswana - <i>N Moswete & N Nkape</i>	Uwc Partnership Experience - <i>K Svartveit</i>
12h30-13h30	Conference closure					
13h30	Lunch and departure					

POSTER VIEWING	
<i>The posters will be displayed/presented/viewed in the tea rooms</i>	
MONDAY	TUESDAY
Sharing is caring: a common digital resource pool for teaching about the sustainable development goals - Dr Bengtsson Fredrik, S, Brokop	Land Cover Classification of the Peri-urban expansion of Makhado Biaba Town, South Africa - Dr Per Schubert, NGA Ekelund; E Ingwani; LR, Gurero; T, Gumbo, V, Nel; M, Thynell
Etale Africa eLearning environment: Support for teaching children to read in local languages in Kenya, Namibia, Tanzania and Zambia - Krimark P, Ahonen T, Lerkkanen M.K., Ketonen R., Latvala J.M., Pekkarinen M, Merjonen P, February P., Möller J., Oswald F., Nyali F., Kairanya L., Mooya H., Mkandawire B., Jere-Folotiya, J., Maumbi, N.	Second-hand clothing: Thrifting, cosmopolitanism and sustainable development in South Africa - Seedat A.A & Becker H
Water-energy nexus and renewable energy sources for desalination: innovation for access to freshwater - Leijon J.K	Ethnobotanical study of indigenous knowledge the use of medicinal plants in South African rural areas - Shibambu N.F
Preliminary study on the bacterial contamination and heavy metals of drinking water in the public schools in Limpopo Province, case study: Mankweng - Shokoohi E & Moyo N	Problematization of laboratorial teaching of the measurement of basic constants: weight, length and time - Mucomole F.V, Tomo F, Massimbe G, Macassa E, Ubisse B, Matsinhe B & Sultane V
Innovation incentives to promote equitable access to new antibiotics across different countries and healthcare settings - Lindahl C.O	Global capacity development of research ethics administrators: Scoping review - Mulondo M.A, Tsoka-Gwegweni J, LenkaBula P & Chikobvu P

PROGRAMME FOR SIG'S

Monday 5th December 2022

SIG 1 – 12h00 – 13h30

SIG 2 – 14h00 – 15h30

SIG 3 – 15h30 – 17h00

Tuesday 6th December 2022

SIG 4 – 09h00 – 10h30

SIG 5 – 11h30 – 13h00

Wednesday 7th December 2022

SIG 6 – 09h00 – 10h30

SIG 7 – 11h30 – 13h00