

Ethiopian Scientific and Academic Network

Ethiopian Educators Without Borders and OnePupil Inc.

Conference on Education May 18 2019

Conference site: <https://esannet.com>

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Strengthening Ethiopia's Educational and Institutional Capacity for Economic Development

- * Education policy
- * Entrepreneurship & competitiveness
- * Quality and access
- * Investment in education
- * Technology application
- * STEAM education
- * Diaspora participation
- * K-12 education



May 18, 2019. 8:30 AM-4:30 PM
Embassy of Ethiopia
3506 International Dr. NW 20008
Washington DC

To submit your abstracts visit <https://esannet.com>
or email to abkebede@gmail.com , admin@onepupil.org

Co-organized by Ethiopian Scientific and Academic Network, ESAN & One Pupil



Organizing Committee

Abebe Kebede (NC A&T, USA), Belhu Metaferia (OnePupil, USA) and Solomon Teklai (Montgomery College, USA)

About the Conference

The conference is a multidisciplinary forum to engage educators, R&D experts, and professional associations, and the general public. It presents an opportunity to learn from each other, to network, and identify pathways for institutional collaborations in promoting quality education in Ethiopia. The stakeholders of this conference include policy makers, institutions of higher learning, Teacher Training and Vocational Colleges and K12, special needs communities, professional societies, business communities, R&D organizations and student groups.

General themes of the conference

The conference will focus on general topics that include

- Educational Policy, Democratic Governance & Economic Development
- Access vs Quality of Education in Ethiopia vis-à-vis Millennium Development Goals
- Educational Readiness for Globalization & Entrepreneurship
- Advances in Technology and Priorities areas in Future Training & Education
- Ethiopian Diaspora Roles and Contributions

Organization

The conference will have a duration of one full day, divided into morning and afternoon sessions and is concluded with a panel discussion. The deliberation of the conference will be published online for wider exposure.

Deliverables

- Provide a forum for the Ethiopian educator community to dialogue on effective collaboration
- Mapping the path from barriers to enabling conditions for effective research partnership (Industry-University, Professional abroad versus higher education institutions in Ethiopia, etc)
- Showcase the achievements of the Ethiopian scientific community, students in all fields of higher education, as well as research education mission of Ethiopian institutions of higher learning
- Discuss science and technology education for sustainable development
- Connect highly educated and resourceful Ethiopians with the business community
- Conduct roundtables to formulate partnerships and networks both in higher education and business growth

- Enhance the visibility of Ethiopian professional and Academic Societies, such as the Ethiopian Academy of Sciences.

CONFERENCE PROGRAM

Strengthening Ethiopia's Educational and Institutional Capacity for Economic Development and Global Competitiveness Ethiopian Embassy, Washington DC May 18, 2019

Time	Speaker//Title
	<p>Welcome-Ethiopian Embassy Welcome: Abebe Kebede/Belhu Metaferia –Introduction to the plenary speaker Mr. Mel Tewahade CEO Infinity Wealth Management</p> <p>Empowering the Communities of Ethiopia through Charitable Contributions and Education</p> <p>Brief: Mel Tewahade, in addition to running a successful business, he organized charitable mission to Ethiopia. His recent work includes the donation of thousands of prescription glasses to needy people in several towns in Ethiopia. He plans several similar missions to Ethiopia to address the needs for affordable housing, public sanitation facilities, maintenance of hospitals, diagnostic equipment donations, water harvesting, school building and many more.</p> <p>Program Procedure/Roll Call-Abebe/Belhu</p>
9:15 -9:35 AM	Berhane Mewa (Some aspects of measuring the Quality of Education from the community perspective. A personal View)
9:35 -9:50 AM	Nega Worku Debela (Education and Training Policy in Ethiopia: The Missing Link)
9:50-10:05 AM	A.A Woldegiyorgis/Sisay Asefa (Diaspora engagement in Higher Education: Opportunities and Challenges)
10:05-10:20 AM	Destenie Nock (Paths Towards Universal Electricity Access: Increasing Social Welfare using Optimization)
10:20-10:35 AM	Melaku Lakew (Transfer of knowledge through national Diaspora)
10:35-10:50 AM	Shimelse Mekonnen (YEP's role and its contributions via the Ethiopian Diaspora Professionals Knowledge and Resource Transfer Initiative (EDPI))
10:50-11:05 AM	Dereje Tessema (Spreading the Language of Project Management to turn the tide on failing projects – The Case of Ethiopia)
11:05-11:20 AM	Asegid Habtewold (The Place of Leadership Development to Implement the Ethiopian Education Roadmap)
11:20 -11:35 AM	Rahel Belayneh (Autism in Ethiopia and Its Challenges)

11:40-11:55 AM	Todd Nitkin (An overview of Monitoring and Evaluating Education Programs)
11:55 -12:05	Tsegaye Legesse (The State of STEM Education in Ethiopia)
12:05-12:25 PM	Working Lunch
12:30- 1:30 PM	Breakout Session: Round Table <i>Diaspora Participation Group I</i> <i>Education Policy Group II</i> <i>STEAM Education Group III</i>
1:40 -1:55 PM	Melaku Tesfa Tessema and Johan Braeke (Mapping Student Enrollment and Admission Eligibility for Higher Education in Ethiopia: Affirmative Action as Equity Instrument ?)
1:55-2:15 PM	Education Road Map: Perspectives Dr. Aklilu Habte
2:15-2:30 PM	Anne E. Sumner (Facilitating Knowledge Transfer and Improving Health: Insights from the Africans in America Cohort)
2:30-3:00 PM	Philip Kurian et.al. (Howard University: Connecting DC and Ethiopian communities in science, spirituality, and scholarship)
3:00-3:15 PM	Berhanu Mengistu (Exploring the Dimensions of Holistic Education)
3:15-3:45 PM	Hawani Nigussie (The Role of Indigenous Knowledge and Cultural Practices in Early Childhood Care and Education in Ethiopia) (Live Zoom Video)
3:45 -4:00 PM	Dejenie Alemayehu Lakew (Why Mathematics ?)
4:00-4:10 PM	Solomon Teklai (Sharing my twenty years of teaching experience in community college, public and private high schools, and community outreach programs to mentor and tutor 1 st to 12th grade students in the USA)
4:10-4:25 PM	Mulugeta Alemseghed (STEM and the Marketplace: The New Frontier for Horn and Africa)
4:25-4:40 PM	Judy Findlay (The Invisible Classroom) (Live Video)
4:40-5:40 PM	Panel Discussion
5:40 PM	Concluding Remarks

About Ethiopian Scientific and Academic Network (ESAN)

Ethiopia has several higher education institutions with a variety of experiences and priorities. The primary objectives of these institutions are to produce white-collar workers, teachers, and the work force for mining, textiles, construction, agricultural industries. Higher education and scientific research are young enterprises. Following the deliberations of higher education meetings and the literature on African higher education there is a growing advocacy on structural changes in higher education, North-South institutional linkages, mobilization of the African/Ethiopian Diaspora and funding. The growing internet use and the quality of



Figure 1 Sample Locations of ESAN Members

information exchange among borderless expertise may allow in a limited way to enhance the virtual mobility of the intellectual asset. ESAN is an organizational model that would facilitate and enhance international scientific and educational partnerships between Ethiopian scientists, educators, students and their counterparts elsewhere. ESAN is anchored on the idea that “Ethiopia is where Ethiopians are”. The success of one young Ethiopian in one locality is the success of all young Ethiopians. The ESAN collaboration is based on social medium, where each member is expected to dedicate his/her space for the benefit of young people who may come across his space.

About Ethiopian Educators Without Borders (EEWB)

ESAN EDUCATORS WITHOUT BORDERS (EEWB) sometime called Tourist Educator (TEDU) is a network of students, academics, professionals, technologists and scientists of Ethiopian origin, dedicated to support Ethiopian K16 communities. EWB works with schools, colleges and universities in campaign mode mostly during December –January time frame. The need for a strong networking, collaboration, and action regarding education in Ethiopia is becoming critical in shaping the future of Ethiopia. Like any country Ethiopia is sending its best and brightest to all corners of the world, by virtue of push and pull factors. If movement of human capital is the result of higher education, the movement must not be one way. It must be two ways. EWB works with volunteers who have expertise in higher education experience, advanced research, ICT, engineering, scientific research as well as general STEM related fields, and all other academic fields. They will participate in the developing the learning environment at all levels.

EEWB collaborates with effective government and non-government organizations in general areas of student development, teacher training, reduction of gender disparities, development of libraries and library holdings, building computer labs and digital libraries to reduce digital divide particularly in rural schools. In addition, EEWB directly collaborates with universities and colleges in developing advance education programs at doctoral levels, conduct workshops, conferences and distributed advanced science technology schools.

Sample ESAN Projects- To participate please follow ESANNET.COM

ESAN Science on Wheels

The Science On-Wheels program contains activities to demonstrate principles of physics in common everyday experience. For example, sports, light and acoustics. In order to develop a diverse set of activities, we plan to collaborate with similar activities in the country and around the world.

The AASDO Mission has been very active in securing books for schools in Asella-Arsi areas. Following this experience, we expand our work to include many schools, colleges and universities in collaboration with the Ethiopian Scientific and Academic (ESAN) community. The ESAN community members are spread throughout the world and will play a vital role in identifying needy schools and aggressive fundraising efforts. About 99% of the schools in Ethiopia have no library, and more than 57% of the people over the age of 15 are illiterate. However, in recent years, the country has made great strides in improving access to education for girls and poor children and improving the quality of education through improvements in higher education. English language education begins in elementary school, and high school and college courses are taught in English. Thus, there is a great need for books



for classroom and library use. Donation to this project will impact more than one million students, their schools and their communities. As it is told the Oceans Began With a Drop of Water, or the great old Ethiopian saying for One Man 50 Lemons become a Load, but for 50 people they are like ornaments; let's help each other in this large scale project. Our plan is to raise funds to ship 5 or more containers of books, used computers and used sport's gear and soccer balls. We affectionately called this Abiy-Lemma Ethiopia Book project named after two young Ethiopian leaders who inspired this project. The beneficiary schools are clustered around universities for seamless logistics and communications.

The One-Dollar Campaign Crowd Funding

In Africa we say the ocean started with a drop of water. In this fund raising you will be that



drop of water to make the oceans. We are a worldwide Ethiopian community dedicated to support needy Ethiopian children on child at a time. This is a One-Dollar campaign to support needy students in the town of Asela, Ethiopia, located on Eastern coast of Africa. The donation is paid online here or if you prefer mail just one US dollar or a dollar equivalent of international currency redeemable in Ethiopia. In order to participate you must be my

Facebook or join the One Dollar Campaign group Facebook group. This way we can give you full report of on the impact of your contribution. All the money goes to the students. The students are identified by the teachers and community elders. The money will be used for scholarships, meals, and purchase of uniforms. Please participate in this crowd funding activity by following this website <https://www.gofundme.com/6r9frc>

About OnePupil



OnePupil is a US based 501 c(3) public charity. It is established by team of volunteers to support children in some rural schools in Ethiopia to attend primary education and strive to reduce the number of dropout children before reaching secondary school. Locally, OnePupil strives to support and promote after school STEM programs

among the minority community.

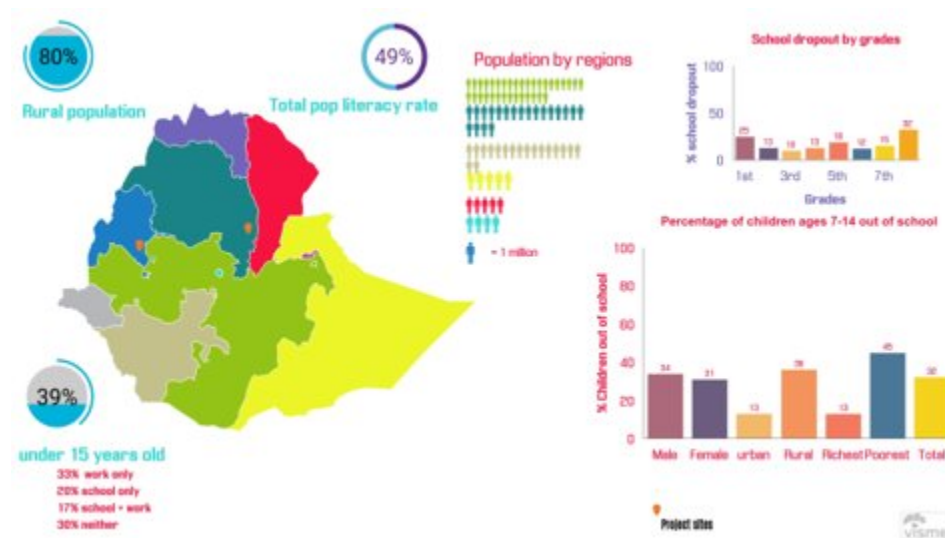
Project Sites

Addis Alem Elementary and Junior School

Galessa Elementary and Junior School

In two phases, OnePupil has supported over 3000 students in two rural elementary schools located in the Amhara and Benshangul-Gumuz Region. OnePupil continues to work hard to extend its support in a more sustained and measurable manner to needy students. We are also assessing the infrastructure needs of these rural schools in order to design future projects.

Challenges: The Big Picture



To learn more about our activities and programs please visit www.onepupil.org