

DR ARAYA ASFAW

Executive Director, Horn of Africa Regional Environment Centre and Network, Ethiopia



Dr Araya Asfaw earned his PhD in Physics, Master of Engineering and BSc in Mechanical Engineering from Howard University, Washington DC. He worked as a research scientist at various national laboratories in the US (including the National Institute of Standard and Technology, Center for Advanced Microstructure and Devices, Lawrence Livermore National Laboratory and the Advanced Light Source of Lawrence Berkeley National Laboratory) before joining the physics Department of Addis Ababa University in 1996.

He served as Dean of the Faculty of Science at Addis Ababa University for four years. As Dean, he also facilitated the transformation of the Geophysical Observatory and initiated the establishment of the Gullele Botanic Garden, a joint programme between Addis Ababa City Administration and Addis Ababa University.

The Horn of Africa Regional Centre and Network (HoAREC/N) was an initiative he presented to the Faculty of Science, which eventually evolved as an autonomous centre at the University. Currently, he is the Executive Director of HoAREC/N.

Dr Araya Asfaw has conducted research in the area of computational fluid dynamics and heat transfer, laser spectroscopy, application of physics to material, food, environment, and sustainable energy. He has advised a number of graduate students and published more than twenty papers in international journals on various disciplines.