

1. Record Nr.	UNINA9910410049803321
Titolo	Advances of Science and Technology : 7th EAI International Conference, ICAST 2019, Bahir Dar, Ethiopia, August 2–4, 2019, Proceedings // edited by Nigus Gabbiye Habtu, Delele Worku Ayele, Solomon Workneh Fanta, Bimrew Tamrat Admasu, Mekuanint Agegnehu Bitew
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
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Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIV, 728 p. 431 illus., 363 illus. in color.)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 308
Disciplina	810.9356 600
Soggetti	Database management Computer networks Image processing - Digital techniques Computer vision Artificial intelligence Database Management System Computer Communication Networks Computer Imaging, Vision, Pattern Recognition and Graphics Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Agro-processing industries for sustainable development1 Organic Biofertilizer from Brewery Wastewater Sludges via Aerobic Composting Process -- Endosulfan pesticide dissipation and residue levels in khat and onion in a sub-humid region of Ethiopia -- Assessment of Ergonomics of Farming Activities for Backyard Vegetable Production in the North Western Ethiopia: Case of Dangishta Community -- n Integrated Approach to Solve Small Farm Holder's Mechanization Barriers in Ethiopia -- Production and Characterization of Glue from Tannery Hide Trimming Waste -- Kinetic modeling of quality change in Ethiopian Kent mango stored under different temperature -- Modeling

of Gasification of Refused Derived Fuel, Optimizations and
 Experimental Investigations -- On-farm Performance and Assessment
 of Farmers' Perceptions of Hermetic Bags for Farm-Stored Wheat and
 Maize in Northwestern Ethiopia -- Water resource and environmental
 engineering -- Developing Domestic Water Security Index in Urban
 Cities, Bahir Dar City, Ethiopia -- Performance Evaluation and
 Assessment of Quashni Small Scale Irrigation Scheme, In Amhara
 Region -- Evaluation of Shallow Ground Water Recharge and its
 Potential for Dry Season Irrigation at Brante Watershed, Dangila,
 Ethiopia -- Evaluating the Impacts of Climate Change on the Stream
 Flow Events in range of Scale of watersheds in the Upper Blue Nile Basin
 -- Soil water Dynamics on Irrigated garlic and peppe crops using
 Hydrus –1D model in the Lake Tana-Basin, North-western Ethiopia --
 Evaluation of Stream Flow Prediction Capability of Hydrological Models
 in the Upper Blue Nile Basin, Ethiopia -- Dynamics of eutrophication
 and its linkage with Water hyacinth on Lake Tana, Upper Blue Nile,
 Ethiopia: Understanding Land-Lake linkage and process -- Multi-
 purpose reservoir operation analysis in the Blue Nile Basin, Ethiopia --
 Evaluation of Co-composting Methods Using Effective Microorganisms
 -- Impact of Land Use and Landscape on Runoff and Sediment in the
 Sub-humid Ethiopian Highlands: The Ene-Chilala Watershed -- Urban
 Growth and Land Use Simulation using SLEUTH model for Adama City,
 Ethiopia -- Integration of SWAT and Remote Sensing Techniques to
 Simulate Soil Moisture in Data Scarce Micro-Watersheds: A case of
 Awramba micro-watershed in the Upper Blue Nile Basin, Ethiopia --
 Pilot-scale horizontal subsurface flow constructed wet-land for
 Removal of Chromium from Tannery Waste Water with Suitable Local
 Substrate material -- Assessment of Industrial Effluent Pollution on
 Borekena River, Kombolcha, Ethiopia -- Planning, Designing and
 Performance Evaluation of Micro Wave Link Case Study from Wegeda to
 NefasMewucha -- Enhancement of power flow with reduction of power
 loss through proper placement of FACTS devices based on voltage
 stability index -- Designing and Modeling of a Synchronous Generator
 Using AGC, PSS, and AVR Case study on Tis Abay II Hydroelectric Power
 System -- Optimal Allocation of Distributed Generation for
 Performance Enhancement of Distribution System Using Particle Swarm
 Optimization -- Mobility Prediction in Wireless Networks Using Deep
 Learning Algorithm -- Basic Facial Expressions Analysis on a 3D Model:
 Based on Action Units and the Nose Tip -- Pareto Optimal Solution for
 Multi-Objective Optimization in Wireless Sensor Networks -- E-
 Learning Readiness of Technology Institutes in Ethiopian Public
 Universities: From the Teachers' Perspective -- Reconfigurable
 Integrated Cryptosystem for Secure Data Exchanges between Fog
 Computing and Cloud Computing Platforms -- Ethiopic Natural Scene
 Text Recognition Using Deep Automatic Amharic Part of Speech
 Tagging (AAPOST): A Comparative Approach Using Bidirectional LSTM
 and Conditional Random Fields (CRF) Methods.-Product design,
 manufacturing, and systems optimization 38 Effects of Shielded Metal
 Arc Welding Process Parameters on Mechanical Properties of S355JR
 Mild Steel -- Development and Testing of Improved Double Skirt
 Rocket Stove for reducing the emission level of Carbon monoxide --
 Shell andTube Heat Exchanger, Empirical Modeling Using System
 Identification -- A Review on Design and Performance of Improved
 Biomass Cook Stoves -- Experimental investigation of augmented
 horizontal axis wind turbine -- Design and Simulation of Waste Heat
 Recovery System for Heavy Oil Preheating In Dashen Brewery Company
 -- Performance Evaluation of Motorized Maize Sheller --
 Computational Fluid Dynamic Modeling and Simulation of Red Chili

Solar Cabinet Dryer -- Development and Performance Evaluation of a Solar Baking Oven -- Design and Optimization of Continuous Type Rice Husk Gas Stove -- Assessment of Quality of Sand Sources and the Effect on the Properties of Concrete (The Case of Bahir Dar and Ist Vicinities) -- Fabrication and Characterization of Metakaolin Based Flat Sheet Membrane for Membrane Distillation -- The Effect of Mechanical Treatment and Calcination Temperature of Ethiopian Kaolin on Amorphous Me-takaolin Product -- nalysis of Bending and Tensile Strength of Sisal / Bamboo / PolyesterHybrid Composite -- ynamic Mechanical Properties of Kenaf, Thespesia lampas and Okra Fiber Polyester Composites -- ynthesis and characterization of betaWollastonite from limestone and rice husk as reinforcement filler for clay based ceramic tiles -- Experimental Investigation of Bending Strength of Oxytenanthera Abyssinica and Yushania Alpina Bamboos -- Plasma polymer deposition of neutral agent carvacrol on a metallic surface by using dielectric barrier discharge plasma in ambient air.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 7th International Conference on Advancement of Science and Technology, ICAST 2019, which took place in Bahir Dar, Ethiopia, in August 2019. The 76 revised full papers were carefully reviewed and selected from more than 150 submissions. The papers present economic and technologic developments in modern societies in five tracks: agro-processing industries for sustainable development, water resources and environmental engineering, recent advances in electrical, electronics and computing technologies, product design, manufacturing and systems organization, and material science and engineering.

2. Record Nr.	UNINA9911034864603321
Autore	Atwater Mary M
Titolo	Creating and Maintaining a Home in Science Education Research : Voices Across the African Diaspora, Volume 1 // edited by Mary M. Atwater, Brittany A. Garvin
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-99382-9
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (295 pages)
Collana	Contemporary Trends and Issues in Science Education, , 1878-0784 ; ; 65
Altri autori (Persone)	GarvinBrittany A
Disciplina	507.1
Soggetti	Science - Study and teaching Continuing education Education, Higher Adult education Science Education Lifelong Learning Higher Education Adult Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Navigating to a science education researcher through a scientist and from the fly on the wall -- My journey as a garden sowing planting and growing in science education -- Drowning out the background noise -- Right where i belong fighting for the space in science that everyone else is given without question -- Finding a home in science education chronicle of my crossroads between the zambian sociocultural perspectives and formal science education -- A home of steel and velvet an african professors insights for the successful navigation of the us academic landscape -- The community is my laboratory leveraging my faith walk to reconceptualize service as scholarship in the academy -- Fitting in a black womans perception -- At home in the interstices -- The 3 cs to my success in science education connection communication and community -- My journey as an african american woman at a predominately white institution pwi -- Found a home

freedom scie cycling.

Sommario/riassunto

This first volume presents narratives from science education researchers of African ancestry, reflecting on the significance of a professional home. Through personal and scholarly perspectives, Black researchers share experiences of seeking, establishing, or finding belonging in science education across diverse settings. Authors from various institutions offer insights into traditionally White universities and a distinct home in Africa. By showcasing counter-narratives and strategies, this book supports the next generation of science education researchers and teacher educators. Drawing from interdisciplinary traditions—historical, philosophical, psychological, and sociological—it provides a nuanced understanding of research, identity, and community within the field.
