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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

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 Experimental Investigations -- On-farm Performance and Assessment
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 Maize in Northwestern Ethiopia -- Water resource and environmental
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 stability index -- Designing and Modeling of a Synchronous Generator
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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.
