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Soggetti	Computer networks Database management Data protection Artificial intelligence Computer Communication Networks Database Management System Data and Information Security Artificial Intelligence
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Nota di contenuto	A Matrix Model to Analyze Cascading Failure in Critical Infrastructures -- Clusters Construction Mechanism for Strictly Linear Wireless Sensor Networks -- On the Treewidth of Planar Minor Free Graphs -- BACP+: A more efficient Beacon Analysis-based Collision Prevention Protocol -- Indigenous and scientific knowledge of soil regulation services, and factors effecting decision-making in agricultural landscapes in the Terai Plains of Nepal -- Enriching geolocalized dataset with POIs descriptions at large scale -- Building Word Representations for Wolof Using Neural Networks -- Extraction of relevant data from social media based on termino-ontological resources: Application to meningitis surveillance via Twitter -- Stakeholder Relations and Ownership of a

Community -- Wireless Network: The Case of iNethi Variation with Depth of Physico-Chemical, Mineralogical and Physical Properties of Overburden over Gneiss Basement Complex in Minna Metropolis Nigeria -- Hydroclimate analysis under 1.5 and 2C global warming in the Faleme River Basin -- Integration of Indigenous knowledge, climate data, satellite imagery and machine learning to optimize cropping decisions by small-scale farmers. A case study of uMgungundlovu District Municipality -- Vulnerability analysis in mobile banking and payment applications on Android in African countries -- A multi-level smart monitoring system by combining an e-nose and image processing for early detection of FAW pest in Agriculture -- Mangroves under demographic pressure and salt production threats in the Municipality of Ouidah (Benin) -- Mitigating the Impacts of Environmental Pollution in Lejweleputswa District through Integration of Local and Scientific Knowledge -- Environmental Protection in Nigerian Democracy: The Ogoni Clean-up in Perspective -- Supervisory strategy of a PV system with storage for injection to the electrical network -- Assessing the e-Readiness of Marginalised Communities for E-Government Services: A Case of Oniipa, Namibia -- Consolidating the Right to Data Protection in the In-formation Age: A Comparative Appraisal of the Adoption of the OECD (Revised) Guidelines into the EU GDPR, the Ghanaian Data Protection Act 2012 and the Kenyan Data Protection Act 2019.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 4th EAI International Conference on Innovations and Interdisciplinary Solutions for Underserved Areas, InterSol 2020, held in Nairobi, Kenya, in March 2020. Due to the COVID-19 pandemic the conference is postponed to a later date in 2020. The 20 papers presented were selected from 50 submissions and issue different problems in underserved and unserved areas. They face problems in almost all sectors such as energy, water, communication, climate, food, education, transportation, social development, and economic growth.
