Economic Importance Of Bacteria Wikipedia

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Today, given the well-publicized impacts of events such as El Niño, there is an unequaled public awareness of how climate affects the quality of life and environment. Such awareness has created an increasing demand for accurate climatological information. This information is now available in one convenient, accessible source, the Encyclopedia of World Climatology. This comprehensive volume covers all the main subfields of climatology, supplies information on climates in major continental areas, and explains the intricacies of climatic processes. The level of presentation will meet the needs of specialists, university students, and educated laypersons. A successor to the 1986 Encyclopedia of Climatology, this compendium provides a clear explanation of current knowledge and research directions in modern climatology. This new encyclopedia emphasizes climatological developments that have evolved over the past twenty years. It offers more than 200 informative articles prepared by 150 experts on numerous subjects, ranging from standard areas of study to the latest research studies. The relationship between climatology and both physical and social science is fully explored, as is the significance of climate for our future well-being. The information is organized for speedy access. Entries are conveniently arranged in alphabetical order, thoroughly indexed, and cross-referenced. Every entry contains useful citations to additional source materials. The Editor John E. Oliver is Professor Emeritus at Indiana State University. He holds a B.Sc. from London University, and a MA and Ph.D from Columbia University. He taught at Columbia University and then at Indiana State where he was formerly Chair of the Geography-Geology Department, and Assoc iate Dean, College of Arts and Sciences. He has written many books and journal articles in Climatology, Applied Climatology and Physical Geography.
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This book examines the landscape of sustained investment in research and innovation in Africa, which are critical for development. This cutting-edge analysis is based on empirical evidence and the authors experience in managing health and related innovations on the continent and globally. It concludes, for the first time, that African innovation is largely driven by the principles of Social, rather than Technological innovation. The significance of this finding and the need to optimize, scale and sustain this dominant innovation is addressed in various chapters that analyze the status, challenges and opportunities. Particularly, the financing, collaboration and coordination patterns for these activities on the continent show a fragmented ecosystem that is largely dependent on external donors and aid. The importance of supportive policies, leadership and venture mechanisms that incentivizes public and private entities to innovate is further exemplified by the lessons of the COVID-19 pandemic. The book proposes mechanism to address identified challenges. Dr Solomon Nwaka is a molecular biologist and innovation leader with a PhD from the University of Freiburg, Germany. He has held senior and diplomatic positions at international, public and private organizations, including WHO and MMV, Geneva Switzerland; UN/ANDI, Addis Ababa Ethiopia; IDB, Jeddah Saudi Arabia and Canadian Biotech Company. He has also held academic or research positions in Europe, USA, Japan and Nigeria.

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