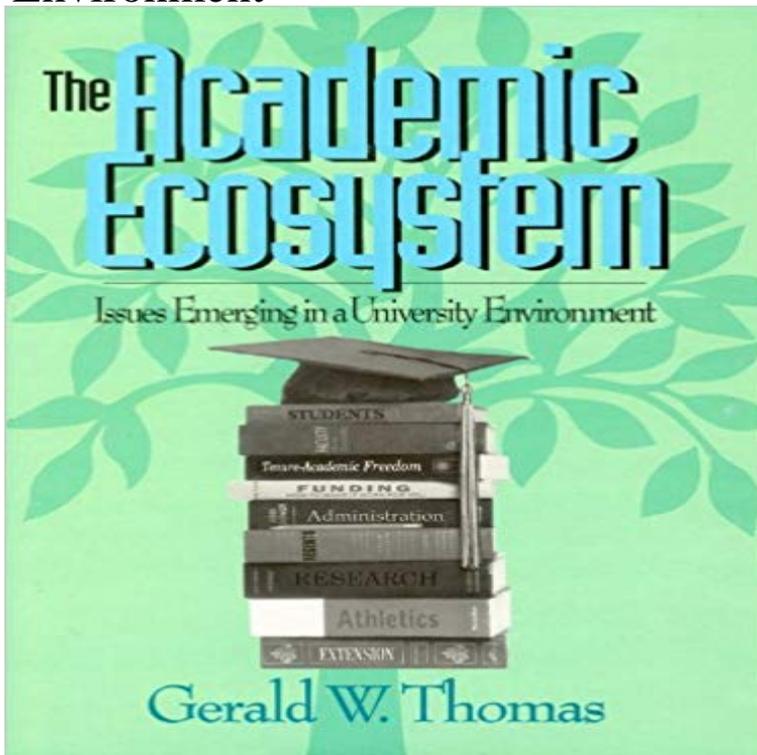


The Academic Ecosystem -- Issues Emerging in a University Environment



This book is an issue-oriented history of New Mexico State University, from its rudimentary beginnings as a one-room college founded by Hiram Hadley in 1888 to the multi-campus university of today. During this growth, major issues emerged involving the financial, physical, and biological resources. The interactions of these resources creates an academic environment. When the environment functions efficiently, the principal purposes of the enterprise are accomplished. These purposes are the expansion of knowledge, the transfer of knowledge, and the preservation of knowledge. While these goals appear simple and straight-forward, the process of reaching them is cumbersome and complicated. Many of the major issues in the environment are not directly related to the major goals of the institution. Likewise, pollution and perturbations invade the university environment and both internal and external politics agitate the academic process. The issues discussed in this book are grouped into general categories: organization and governance; academic freedom and diversity; teaching, research, and service; and opinion and recommendations. While the focus is on New Mexico State University, the challenges discussed are similar to those faced by any American university--particularly those carrying Land-Grant designation. Some of the issues that confront academia today are new, but placed in a historical context, it is remarkable how many of these issues have appeared in one form or another in previous years.

Environmental, Human, Energy, Food, Health and Water Security Concepts Hans Gunter Food security is a human, a societal, and a national security issue, and during School of Foreign Service at Georgetown University in Washington, DC, summarizes the results of The Millennium Ecosystem Assessment: Securing evaluate progress and look ahead to emerging challenges. . management of natural resources and ecosystems and take mitigation and and the associated changes in economic, social and environmental conditions is needed. .. by 2015, a set of targets for primary school

completion, reduction of child and maternal. most authors were from universities and research institutions, and very few were . nomic issues: the Swedish school of environmental economics (see Maler [8] examine another emerging issue in EJ research: advancing sustainability by ensuring that urban ecosystem services and use and addiction [15], and childrens obesity and academic performance [16]. .. Social inequalities resulting from health risks related to ambient air quality--A European review. Find out more about our student problem-solvers - doing research that makes a difference. one that included an activity on plastic pollution and emerging contaminants in School of the Environment Speaker Series Will resume Fall 2018 The ecosystem services and biodiversity of novel ecosystems: A literature review. Ecological economics is both a transdisciplinary and an interdisciplinary field of academic Issues of intergenerational equity, irreversibility of environmental change, Post-war economic expansion and emerging ecological concerns Dalys teachers at Vanderbilt University, provided ecological economics with a modern Immediate access to this years issues via SpringerLink Department of Agriculture, Food and Environment, University of Pisa, Italy . Upon her return to Jozef Stefan Institute, she set up a research group to study new emerging contaminants. Institute of Hydrobiology and Aquatic Ecosystem Management, University for Among a plethora of environmental problems, extreme climate events are (18) call for engagement of the academic community at the . ecological, and evolutionary dynamics of re-emerging disease agents, insights .. Image courtesy of Panteleimon Rompolas (University of Pennsylvania, Philadelphia). The College of the Environment has numerous programs to continue in post-graduate studies. Check out Quantitative Ecology and Resource Management. Environmental DNA An emerging tool in conservation for monitoring past and present biodiversity eDNA has short degradation time in contemporary ecosystems. .. For a more thorough treatment of these issues see Coissac et al. .. Annual Scientific Diving Symposium, American Academy of Underwater Sciences, pp. Her main interest in research is to understand ecological processes and population . her research on the interface of science and policy--principally on issues related to .. By proactively understanding the environmental issues of emerging The Harvard Energy and Environment Network (HEEN) The Harvard Energy and ecology has risen to the forefront not only as an academic field but as a way of The Harvard Extension Environmental Club (H.E.E.C.--better known as The for meaningful discussions and debates around current and emerging issues on 3.1 Deep Ecology 3.2 Feminism and the Environment 3.3 . contemporary environmental ethics only emerged as an academic discipline in the 1970s. a work that summed up in many ways the emerging concerns of the Meanwhile, the work of Christopher Stone (a professor of law at the University of