

Acknowledgement Sample For Report Engineering

Global advances in medicine, food, water, energy, microelectronics, communications, defense, and other important sectors of the economy are increasingly driven by discoveries in nanoscience and the development of nanotechnologies. Engaging the nanoscience and technology community in the crafting of national priorities, developing novel approaches for translating fundamental discovery to a technology readiness level appropriate for venture/industry funding, increasing domestic student interest in nanoscience to expand the workforce pipeline, and exploring new ways of coordinating the work of the National Nanotechnology Initiative (NNI) are all imperatives if the United States is to fully reap the societal benefits of nanotechnology. A Quadrennial Review of the National Nanotechnology Initiative provides a framework for a redesign of the NNI and its coordination with the goal of achieving a U.S. resurgence in nanotechnology. This report makes recommendations to improve the value of the NNI's research and development strategy and portfolio to the economic prosperity and national security of the United States.

The U.S. Army Corps of Engineers (Corps) is responsible for construction, operations, and maintenance of much of the nation's water resources infrastructure. This infrastructure includes flood control levees, multi-purpose dams, locks, navigation channels, port and harbor facilities, and beach protection infrastructure. The Corps of Engineers also regulates the dredging and filling of wetlands subject to federal jurisdictions. Along with its programs for flood damage reduction and support of commercial navigation, ecosystem restoration was added as a primary Corps mission area in 1996. The National Research Council (NRC) Committee on U.S. Army Corps of Engineers on Water Resources Science, Engineering, and Planning was convened by the NRC at the request of the Corps of Engineers to provide independent advice to the Corps on an array of strategic and planning issues. National Water Resources Challenges Facing the U.S. Army Corps of Engineers surveys the key water resources challenges facing the Corps, the limits of what might be expected today from the Corps, and future prospects for the agency. This report presents several findings, but no recommendations, to the Corps of Engineers based on initial investigations and discussions with Corps leadership. National Water Resources Challenges Facing the U.S. Army Corps of Engineers can serve as a foundational resource for the Corps of Engineers, U.S. Congress, federal agencies, and Corps project co-sponsors, among others.

Optical science and engineering affect almost every aspect of our lives. Millions of miles of optical fiber carry voice and data signals around the world. Lasers are used in surgery of the retina, kidneys, and heart. New high-efficiency light sources promise dramatic reductions in electricity consumption. Night-vision equipment and satellite surveillance are changing how wars are fought. Industry uses optical methods in everything from the production of computer chips to the

construction of tunnels. Harnessing Light surveys this multitude of applications, as well as the status of the optics industry and of research and education in optics, and identifies actions that could enhance the field's contributions to society and facilitate its continued technical development.

1859 accompanied by volume of maps with title: Engravings of plans, profiles and maps, illustrating the standard models, from which are built the important structures on the New York State canals.

The field of geoenvironmental engineering is at a crossroads where the path to high-tech solutions meets the path to expanding applications of geotechnology. In this report, the term "geoenvironmental engineering" includes all types of engineering that deal with Earth materials, such as geotechnical engineering, geological engineering, hydrological engineering, and Earth-related parts of petroleum engineering and mining engineering. The rapid expansion of nanotechnology, biotechnology, and information technology begs the question of how these new approaches might come to play in developing better solutions for geotechnological problems. This report presents a vision for the future of geotechnology aimed at National Science Foundation (NSF) program managers, the geological and geotechnical engineering community as a whole, and other interested parties, including Congress, federal and state agencies, industry, academia, and other stakeholders in geoenvironmental engineering research. Some of the ideas may be close to reality whereas others may turn out to be elusive, but they all present possibilities to strive for and potential goals for the future. Geoenvironmental engineers are poised to expand their roles and lead in finding solutions for modern Earth systems problems, such as global change, emissions-free energy supply, global water supply, and urban systems.

English abstracts from Kholodil'naia tekhnika.

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Vol. 1-43, 45, 47-55 include the Proceedings of the 1st-53 annual convention
An examination of creative systems in structural and construction engineering taken from conference proceedings. Topics covered range from construction methods, safety and quality to seismic response of structural elements and soils and pavement analysis.

Vols. for 19 - include the directory issue of the American Railway Engineering Association.

Support from the National Science Foundation has made it possible for the tenth annual Cryogenic Engineering Conference, hosted by the University of Pennsylvania and capably directed by K. R. Atkins and his staff, to emphasize the major international advances in cryogenic engineering. This specific emphasis resulted in a final program of over one hundred papers and has made it necessary to publish the proceedings of the conference in two volumes. The first volume will be similar in nature to previous volumes in this series, while the second volume will feature the international aspect of the conference program. The latter volume, because of this distinction, will be entitled International Advances in Cryogenic Engineering. As in the past, the Cryogenic Engineering Conference Committee gratefully acknowledges the assistance of all the dedicated workers in the cryogenic field who have contributed their time in reviewing the preliminary papers for the program and the final manuscripts for this volume. Since the list of participants in this thankless task numbers well over one hundred, any attempt to acknowledge their individual contributions in the limited space available would be practically impossible.

A small group of Indians known as the Honey Lake Maidus are very much alive today in

the valley of the Susan River of northeast California. As a tribe, however, they do not exist. This is because they have not been acknowledged, a process by which the federal government officially recognizes Indian tribes. By contrast, other California Indian tribes have won federal recognition and come to represent a driving force behind most Indian legislation, including laws to regulate Indian casinos. Their political power and economic prosperity, however, has incurred resentment. Caught in this web of contending political forces are hundreds of small Indian groups, peoples like the Honey Lake Maidus who, because they lack federal recognition, cannot protect their cultures and secure their futures. They are also unable to undertake economic endeavors that would provide care for their children and elders. In *Quest for Tribal Acknowledgment*, Sara-Larus Tolley, an anthropologist who has worked for the Honey Lake Maidus for several years, recounts the group's efforts to obtain recognition. In 1999, the tribe gained funding to work full-time on its petition, which it submitted to the government in 2001. While the Honey Lake Maidus wait for their application to gain "active" status, they continually update and refine its contents. And like hundreds of other unrecognized Indian groups seeking acknowledgment, they hope for the future.

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