


## F O R E W O R D

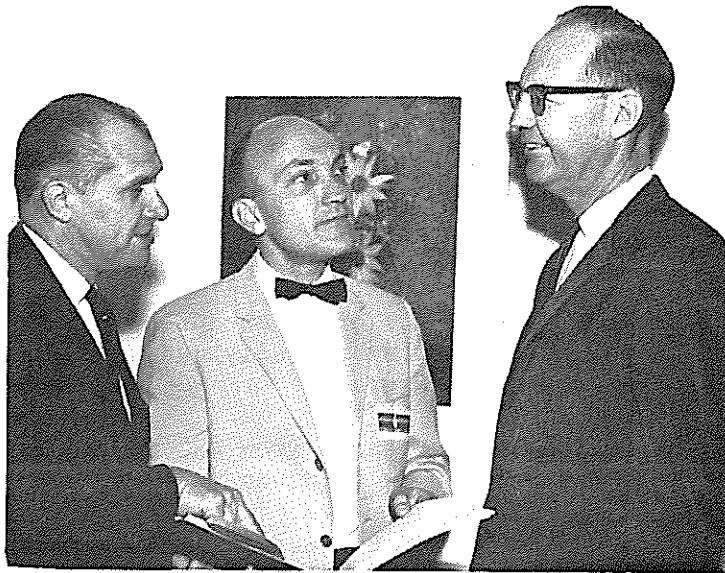
The Eleventh Annual New Mexico Water Conference emphasized the theme: Water Economics with Limited Supplies and an Increasing Population. Many of the papers bring the problem home to New Mexico, that water must be more carefully used and that water will cost more in the near future.

New Mexico population has increased from 423,000 in 1930 to 681,000 in 1950, and 951,000 in 1960, an increase of 528,000 people, or a 125 percent in 30 years. The 1966 New Mexico population is near 1,100,000, or 2.6 times the 1930 population. During this time we have put much of our water resources to better use, but the actual supply has decreased. The decrease has been due to heavy pumping which is depleting the water supplies in several of our groundwater basins. This does not mean that we, as a State, are going to run out of water, and that we do not have water for further economic development. It does mean, however, that we must protect our present supplies from further uneconomic depletion and pollution.

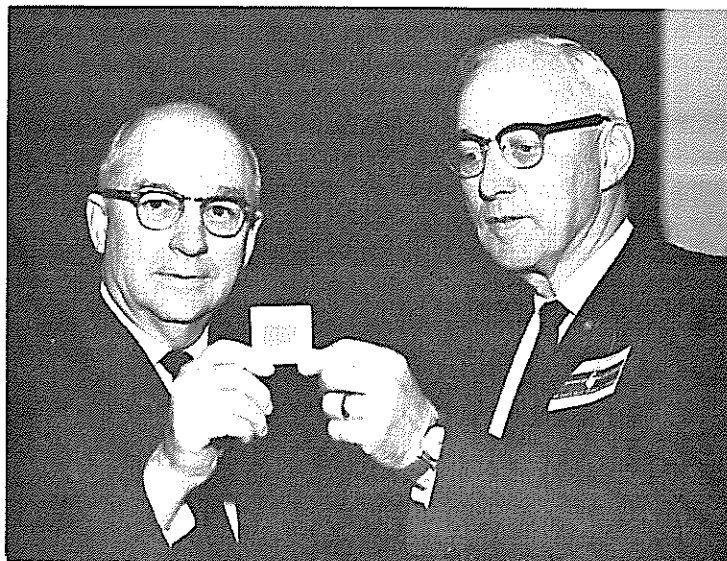
New Mexico State University is proud to have had the opportunity to sponsor the eleven Annual New Mexico Water Conferences and to have had ten of these held on our campus. The Eighth Annual Conference was held July 1 and 2, 1963 in connection with the dedication of the Saline Water Conversion Plant at Roswell. The University is assisted with the planning and conduct of the conferences by a dedicated and progressive Advisory Committee of twenty members, whose names are listed on the inside of the cover page. Also, a University committee assists with the program development and the carrying out of the conferences.

The papers presented appear in this proceedings in the order in which they were presented at the conference. The program which follows will serve as an index to the papers.

  
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H. R. Stucky, Chairman  
New Mexico Water Conference, and Director  
New Mexico Water Resources Research Institute



Roland P. Kelly of the Ralph M. Parsons Company, Los Angeles (left), and Charles Howe, Resources for the Future, Washington, D. C., receive greetings from Dr. Philip J. Leyendecker, Dean and Director of Agriculture, New Mexico State University, at the opening of the conference.



Harry Steele (left) of the Economic Research Service, U.S. Department of Agriculture, Washington, D. C. consults with Dr. H. R. Stucky, director of the Water Resources Research Institute at New Mexico State University, on visual aids for Steele's speech.