

the divining rod

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New Mexico Water Resources Research Institute

Spring 1980

The Twenty-fifth Annual New Mexico Water Conference—April 24-25, 1980

"A Quarter Century of Water Research"

The New Mexico Water Resources Research Institute is proud to be sponsoring its Twenty-fifth Annual Water Conference on April 24 and 25, 1980. In honor of this Silver Anniversary, the theme for the Conference will be "A Quarter Century of Water Research." In the Thursday morning session, we will look at the research of the past twenty-five years to see how it has influenced today's water use practices. In addition, Water Conference founder and first WRRRI Director, Ralph Stucky, will speak about the beginnings of both institutions.

Thursday afternoon, we will look at several of the projects that the Water Resources Research Institute is currently sponsoring. Students and Faculty will present talks on their research. Later that afternoon, Federal and State

water agencies will give brief updates on their current activities. We will end the afternoon session early to provide time for you to visit the displays and scientific posters that will be set up in Stucky Hall. If you or your organization are interested in participating in this poster/display session, please call Peter Herman at 505-646-1813, immediately.

The day will be capped off with a Banquet featuring Pat O'Meara, Executive Vice President of the National Water Resources Association. We also have a few special events planned for the evening.

On Friday morning we will look forward to the direction that water resources research will have to take in the next quarter century with an examination of the water problems and potentials of the future.



Tentative Program

25th Annual New Mexico Water Conference

"A Quarter Century of Water Research"

REGISTRATION

8:00 - 9:00 Stucky Hall

THURSDAY MORNING SESSION PAST RESEARCH

Carbine Auditorium - Anderson Hall
(Physical Science Laboratory)

9:15 - 9:45 Opening Remarks,
Welcome from the
University, State
and WRRRI

9:45 - 11:45 Keynote address by
Ralph Stucky,
followed by
presentations
illustrating past
research and its
impact on current
water use.

LUNCH

11:45 - 1:30- Holiday Inn

THURSDAY AFTERNOON SESSION PRESENT PROBLEMS

1:40 - 2:40 Presentations of
WRRRI-sponsored
research delivered
by students and
investigators
working on the
projects.

2:40 - 3:40 Updates by federal
and state water
agencies.

3:40 - POSTER SESSION
(Stucky Hall)

BANQUET

Holiday Inn

Pat O'Meara,
Executive Vice
President of the
National Water
Resources
Association will be
the dinner speaker.
We have some special
events planned as
well.

FRIDAY MORNING SESSION FUTURE NEEDS

9:00 - 12:00 Presentations
outlining future
water research
problems and
possibilities.

12:00 - 2:00 Water Conference
Advisory Committee
Meeting.

PLEASE PRE-REGISTER

Pre-registration will speed up your morning when you arrive at Water Conference. It will also make our job a little easier. Please fill in the form on the next page, and send it along with your check, to:

Water Resources Research Institute
Box 3167
New Mexico State University
Las Cruces, NM 88003

Motel Listings

MOTELS	DISTANCE FROM UNIVERSITY	RATES (+ Tax)	
		SINGLE	DOUBLE
Mission Inn	3/4 mile (1765 S. Main, 524-8591)	\$21.00	\$30.00
Best Western Inn	3 miles (901 Avenida de Mesilla) (524-8603)	\$21.50	\$28.00
Howard Johnson's	1/2 mile (2600 S. Valley, 526-4441)	\$24.00	\$32.00
Rodeway Inn	6 1/2 miles (2405 W. Picacho) (524-1951)	\$15.00	\$18.00-\$26.00
Coachlight Inn	4 miles (I-10 & Hwy. 292, 526-3301)	\$14.97	\$17.97-\$19.97

You must mention to the motels that you are attending the Water Conference at New Mexico State University to receive the commercial rate.

The motels suggest making reservations as early as possible.

(Please detach and mail with check.)

Pre-Registration Form 25th Annual New Mexico Water Conference

NAME _____ ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 AFFILIATION _____

Registration Fee \$15.00 _____
 (Includes Luncheon April 25 and Conference Proceedings)
 Banquet Ticket \$10.00 _____
 TOTAL _____

Make Checks Payable To: WRI

Mail To:
 Water Resources Research Institute
 Box 3167
 New Mexico State University
 Las Cruces, NM 88003

New WRRRI Reports

These Publications are available free of charge while the supply lasts. Publications marked (*) are being printed or bound and will be ready for distribution in the near future.

- 102 Evaluation of Landsat-Based Area Measurement Accuracies for Surface Water Area in New Mexico - Morgain, S. A. and White, M. E. - February 1979
- 103 Improved Method of Estimating Crop Consumptive Use and Distribution of Soil Water in Irrigated Soil Profiles - Al-Khafaf, S.; Wierenga, P. J.; and Williams, B. C. - May 1979.
- 104 Water Resources and Growth of the Mesilla Valley: An Issue Paper - Bahr, T. G. - June 1979
- 105 Minimizing the Salt Burden of Irrigation Drainage Water in the Pecos Valley of New Mexico - O'Connor, G. A. - June 1979
- 106 Soil Salinity and Cotton Yields as Affected by Surface and Trickle Irrigation - Wierenga, P. J. - July 1979
- 107 Water Treatment for Small Public Supplies-Report of Operation: Cuba, Carrizozo, La Luz, San Ysidro, Bluewater, Moriarty, and Hagerman - Folster, H. G.; Wilson, D. B.; Kramer, G.; Hanson, S.; Duran, R.; Boyle, W.; and Bennett, C. - July 1979
- 108 The Survival of Enteric Viruses in Septic Tanks and Septic Tank Drain Fields - Hain, K. and O'Brien R. T. - September 1979
- 110 Chemical and Biological Survey of the Upper Gila River System in New Mexico: Preliminary Study of Nutrients in Snow and Quemado Lakes - Brandvold, D. K.; Brierley, J. A.; and Popp, C. J. - November 1979
- 111 Enterovirus Inactivation in Soil and Structural Changes Associated with the Inactivation of Soil-Bound Viruses - Yeager, J. and O'Brien, R. - November 1979
- 112 Proceedings of the Twenty-Fourth Annual New Mexico Water Conference, "The New National Water Policy: Will It Work in New Mexico?" - November 1979
- 113 Paul Spring: An Investigation of Recharge in the Roswell (NM) Artesian Basin - Gross, G. W.; Davis, P.; and Rehfeldt, K. R. - December 1979
- 114 Effects of Bacteria on Nitrate and Nitrite Concentrations in Groundwater of the Ogallala Aquifer - Russell, T. W.; Taylor, R. G.; and Foster, M. - December 1979*
- 115 Consumptive Use and Yields of Crops in New Mexico - Sammis, T. W. et. al. - December 1979*
- 116 Spring Characteristics of the Western Roswell Artesian Basin - Davis, P.; Wilcox, R.; and Gross, G. W. - January 1980*
- 117 Demonstration of Irrigation Return Flow Water Quality in the Mesilla Valley, New Mexico - Sammis, T. W. - January 1980*
- 118 A Study of Possible Toxic Effects of Chili-Processing Waste Water on Activated Sludge Process - Isaacs, W. P. and Schumacher, A. M. - February 1980*
- 119 Water Treatment for Small Public Supplies - Folster, H. G.; Wilson, D. B.; Hanson, S.; and Duran, R. - February 1980*

DR. THOMAS BAHR, Director, New Mexico Water Resources Research Institute.

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