

## REFERENCES

1. Professional Challenges in Water Resources, U. S. Government Printing Office, 1963, O-662922.
2. The Library of Congress Legislative Reference Service, Washington, D. C., July 29, 1966.

### CAREER OPPORTUNITIES IN THE WATER RESOURCES FIELD AS THEY APPEAR TO STUDENTS AND SPECIFICALLY IN THE EDUCATIONAL FIELD

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Career opportunities in the Water Resources field as they appear to students is a function of the year, the time of the year, and the degree which the student has obtained. During the past five years, most students have had sufficient opportunities for job employment. Some of New Mexico State Universities' students have had anywhere from five to ten offers during one year. Since most students graduate during May or June, job opportunities at this time seem to be in greater number than during the fall semester.

The degree which the student has obtained is the most important variable as far as the educational field career opportunities are concerned. A student with a bachelor's degree in Water Resources has only a few opportunities in the educational field. The largest number in the educational field will go on for a master's degree in Water Resources. He can either obtain a fellowship (full-time graduate courses) or he can work half-time on a teaching assistantship or on a research assistantship. The following is a comparison of the salaries earned and the time required for completion of the degree.

<u>Type</u>	<u>Salary</u>	<u>Time</u>
Fellowship	\$3000-\$3500 per year	one year
Teaching Assistantship	\$3400-\$3800 per year	1½ years
Research Assistantship	\$3800-\$4200 per year	1½ years

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The only other opportunity in the educational field would be in a two-year college or a small technical institute. The salary for one of these positions would be approximately \$50-\$150 per month less than the average in industry and government.

A student with a master's degree in Water Resources has at least half a dozen different opportunities in the educational field, they are as follows:

<u>Position</u>	<u>Approximate Salary</u>	
Instructor-Assistant Professor	\$600-\$1000 per month	(depends on experience)
(Normally has opportunity to go on for a doctoral degree)		
		<u>Time for Doctoral</u>
Fellowship (no experience)	\$3000-\$4500 per year	two years
Teaching Assistant or Part-time Instructor	\$3600-\$4400 per year	three years
Research Assistant or Research Associate	\$3800-\$4600 per year	three years
Fellowship (with experience)	\$600-\$1000 per month (tax free)	two years
Research Associate (Full-time)	\$700-\$900 per month	(depends on experience)

Career opportunities in the Educational Water Resources field for people with doctor's degrees are the most in number and are the best rewarding. For the last six months in ASEE Magazine, there has been at least 4 different openings for teaching and/or research people in universities across the country. The salary for these individuals (on a monthly basis) is approximately the same as it would be for a doctorate going into industry or government.