AGRICULTURE, FOOD, & NATURAL RESOURCES CAREER CLUSTER
PATHWAY: NATURAL RESOURCES SYSTEMS

DEGREE/TRAINING REQUIRED Standard Occupational System (SOC) Code	OCCUPATION	KANSAS MEDIAN SALARY[i]	% CHANGE / EMPLOYMENT PROSPECTS	
			KANSAS 2008-2018[ii]	USA 2006-2016[iii]
-Associate Degree **-Certifications** **-On the Job Training** **-2 Yr. Community/Technical Colleges** **-Registered Apprenticeship**				
19-4041	Geological and Petroleum Technicians: Geological Sample Test Technicians / Soil Geology Technician	$18.79/hr.	0%	+9%
19-4091	Environmental Science and Protection Technicians, Including Health: Water Monitoring Technician	$19.58/hr.	+20%	+28%
19-4093	Forest and Conservation Technicians: Range Technicians	$21.44/hr.	+8%	-2%
19-4021	Biological Technicians: Fisheries Technicians	$17.18/hr.	+22%	+16%
47-2073	Operating Engineers and Other Construction Equipment Operators: Heavy Equipment Operators	$15.06/hr.	+4%	+8%
33-3031	Fish and Game Wardens: Fish and Game Officers	N/A	N/A	0%
45-4022	Logging Equipment Operators : Logging Tractor Operators	N/A	N/A	-1%
45-4021	Fallers: Loggers	N/A	N/A	-7%
45-4023	Log Graders and Scalers	N/A	N/A	-5%
47-4041	Hazardous Materials Removal Workers:	$16.48/hr.	+16%	+11%

[i] 2008-2018 Kansas Occupational Outlook Study, http://www.dol.ks.gov
[ii] 2008-2018 Kansas Occupational Outlook Study, http://www.dol.ks.gov
[iii] 2008-2009 National Employment Occupational Outlook Handbook, http://www.bls.gov/oco

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	Hazardous Materials Technicians			
53-7032	Excavating and Loading Machine and Dragline Operators: Heavy Equipment Operators	$15.53/hr.	+7%	+8%
Bachelor's Degrees Colleges / Universities				
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	N/A	N/A	+10%
11-3051	Industrial Production Managers: Pulp and Paper Manager	$33.78/hr.	-4%	-6%
11-1021	General and Operations Managers: Park Managers	$33.75/hr.	-1%	+2%
19-1030	Range Managers	N/A	N/A	+5%
17-1021	Cartographers and Photogrammetrists	N/A	N/A	+20%
11-9011	Farm, Ranch, and Other Agricultural Managers: Fish Hatchery Managers	N/A	N/A	+1%
Graduate Degrees Colleges/Universities				
19-2042	Geoscientists, Except Hydrologists and Geographers: Geologists	$28.19/hr.	+9%	+22%
11-9121	Natural Sciences Managers: Wildlife Managers	$49.25/hr.	+13%	+11%
19-2043	Hydrologists	N/A	N/A	+24%
19-2041	Environmental Scientists and Specialists, Including Health: Ecologists / Environmentalists	$24.90/hr.	+17%	+25%
19-1042	Medical Scientists, Except Epidemiologists: Toxicologists	$30.44/hr.	+50%	+20%

N/A = Data Not Available

Employment is projected to:	Growth compared to average:
increase 21 percent or more	Grow much faster than average
increase 14 to 20 percent	Grow faster than average
increase 7 to 13 percent	Grow about as fast as average
increase 3 to 6 percent	Grow more slowly than average
decrease 2 percent to increase 2 percent	Little or no change
decrease 3 to 9 percent	Decline slowly or moderately
decrease 10 percent or more	Decline rapidly