

# Linking Majors to Careers

## Environmental Studies

### ENVIRONMENTAL SCIENCE AND ENVIRONMENTAL STUDIES

The Environmental Science and Environmental Studies program focuses on the study of population dynamics, competition for natural resources and their management, problems of urbanization, and the contemporary human dilemmas of overcrowding, poverty and shifting age structures. The careers of these professionals differ greatly from one another, yet all of them are concerned with some aspect of the environment. Careers can be oriented toward a variety of environmental and ecological issues such as behavioral, structural, and functional aspects of wildlife populations, ecological communities and ecosystems; environmental health; or addressing alternative methods of resource utilization and management.

Before 1960 the environmental field consisted primarily of rangers and foresters and a handful of public health officials and advocates. Today, there are environmental professionals working in a variety of settings. Each state has an environmental protection agency, and most federal agencies have a variety of professionals working on environmental issues. Private environmental consulting firms offer services ranging from hazardous waste management to the development of interpretive programs for nature centers. Even small companies are likely to have environmental health and safety staffs; large firms may have environmental personnel at every level from headquarters to plants, including engineers, public relations staff, and lab technicians. Nonprofit organizations exist not only in Washington, DC, but in communities around the country; they are engaged in public education, research, advocacy, and natural resource stewardship. Universities and technical schools have expanded or created departments to educate these professionals and are engaged in solving a multitude of environmental problems. Finally, the design and production of pollution control equipment is a multibillion-dollar industry.

**SKILLS:** The person who majors in **Environmental Science and Environmental Studies program** at Regis University has the opportunity to learn a variety of essential **skills** such as:

- making presentations
- writing
- preparing reports
- keeping records
- collecting data
- conducting research
- analyzing
- planning
- making decisions
- analyzing numerical data

#### **SOME TIPS ON GETTING A JOB IN THIS FIELD:**

1. Do an internship in the area you are interested.
2. Do volunteer work or a special project in your field of interest.
3. Attend a national or local professional meeting recommended by your professor.

**RELATED JOBS:** Listed below are some career fields someone with this degree may enter:

- |                              |                            |
|------------------------------|----------------------------|
| forester                     | hazardous waste management |
| air & water quality control  | fish & wildlife management |
| land & water conservationist | environmental consulting   |
| solid waste management       | environmental educator     |
| environmental planner        | air pollution analyst      |

## **WEB SITES RELATED TO ENVIRONMENTAL SCIENCE:**

Cartographer	<a href="http://stats.bls.gov/oco/ocos040.htm">stats.bls.gov/oco/ocos040.htm</a>
Ecologist	<a href="http://stats.bls.gov/oco/ocos047.htm">stats.bls.gov/oco/ocos047.htm</a>
Forest Ranger	<a href="http://stats.bls.gov/oco/ocos048.htm">stats.bls.gov/oco/ocos048.htm</a>
Geographer	<a href="http://stats.bls.gov/oco/ocos054.htm">stats.bls.gov/oco/ocos054.htm</a>
Landscape Architect	<a href="http://stats.bls.gov/oco/ocos039.htm">stats.bls.gov/oco/ocos039.htm</a>
Soil Conservationist	<a href="http://stats.bls.gov/oco/ocos048.htm">stats.bls.gov/oco/ocos048.htm</a>
Acid Rain Program	<a href="http://www.epa.gov/airmarkets">www.epa.gov/airmarkets</a>
Amazing Environmental Organization	
Web Directory	<a href="http://www.webdirectory.com">www.webdirectory.com</a>
Best Environmental Directories	<a href="http://www.ulb.ac.be/ceese/meta/cds.html">www.ulb.ac.be/ceese/meta/cds.html</a>
Colorado Regional Air Quality Council	<a href="http://www.raqc.org">www.raqc.org</a>
Consequences: Nature and Implications of Environmental Change	<a href="http://www.gcrio.org/CONSEQUENCES/index.htm">www.gcrio.org/CONSEQUENCES/index.htm</a>
Cyber-Sierra's Natural Resources	
Job Search	<a href="http://www.cyber-sierra.com/nrjobs/index.html">www.cyber-sierra.com/nrjobs/index.html</a>
Envirolink Network	<a href="http://www.envirolink.org">www.envirolink.org</a>
Environmental Information on the	
GIS Jobs Clearinghouse	<a href="http://www.ovam.bu/internetregs/englis.htm">www.ovam.bu/internetregs/englis.htm</a>
GIS WWW Resource List	<a href="http://www.gjc.org">www.gjc.org</a>
GIS Yellow Pages	<a href="http://www.geo.ed.ac.uk/home/giswww.html">www.geo.ed.ac.uk/home/giswww.html</a>
Global Warming	<a href="http://sunflower.singnet.com.sg/~wisely/gislist.htm">sunflower.singnet.com.sg/~wisely/gislist.htm</a>
Information Center for the Environment	<a href="http://www.epa.gov/globalwarming">www.epa.gov/globalwarming</a>
National Atmospheric Deposition Program	<a href="http://ice.ucdavis.edu">ice.ucdavis.edu</a>
National Library for the Environment	<a href="http://nadp.sws.uiuc.edu">nadp.sws.uiuc.edu</a>
Natural Resources Research Information pages	<a href="http://www.cnie.org/nle">www.cnie.org/nle</a>
National Transportation Library: Effects of Land Use	<a href="http://www4.ncsu.edu/~leung/nrrrips.html">www4.ncsu.edu/~leung/nrrrips.html</a>
The Need to Know Library - Ecology and Environment Page	<a href="http://www.bts.gov/smart/cat/landuse.html">www.bts.gov/smart/cat/landuse.html</a>
Partners for the Environment	<a href="http://www.peak.org/~mageet/tkm/ecolenv.htm">www.peak.org/~mageet/tkm/ecolenv.htm</a>
Sciencejobs.com	<a href="http://www.epa.gov/partners">www.epa.gov/partners</a>
Yahoo: GIS	<a href="http://www.sciencejobs.com">www.sciencejobs.com</a>
Air and Waste Management Association	<a href="http://dir.yahoo.com/Science/geography/geographic">dir.yahoo.com/Science/geography/geographic</a>
Environmental Careers Organization	<a href="http://www.awma.org">www.awma.org</a>
Environmental Organization Web Directory	<a href="http://www.eco.org">www.eco.org</a>
National Recreation and Park Assoc.	<a href="http://www.webdirectory.com">www.webdirectory.com</a>
Rocky Mountain Chapter, Sierra Club	<a href="http://www.nrpa.org">www.nrpa.org</a>
Society of Environmental Journalists	<a href="http://www.rmc.sierraclub.org">www.rmc.sierraclub.org</a>
NAAEE	<a href="http://www.sej.org">www.sej.org</a>
	<a href="http://www.http://naaee.org">www.http://naaee.org</a>

## **PROFESSIONAL ORGANIZATIONS IN THIS FIELD:**

Air and Waste Management Association – [www.awma.org](http://www.awma.org)  
Association of American Geographers – [www.aag.org](http://www.aag.org)  
Environmental Careers Organization – [www.eco.org](http://www.eco.org)  
Environmental Organization Web Directory – [www.webdirectory.com](http://www.webdirectory.com)  
National Recreation and Park Association – [www.nrpa.org](http://www.nrpa.org)  
Rocky Mountain Chapter, Sierra Club – [www.rmc.sierraclub.org](http://www.rmc.sierraclub.org)  
Society of Environmental Journalists – [www.sej.org](http://www.sej.org)

## CAREER RESOURCES IN:

- CAREER SERVICES LIBRARY (CS)
  - DAYTON MEMORIAL LIBRARY (DM)
  - ON THE INTERNET
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### Career and Occupational Information

*Occupational Outlook Handbook* (CS, DM, and <http://www.bls.gov/oco>)  
*ONET* <http://online.onetcenter.org>  
*Adams Jobs Almanac* (CS, DM)  
*Dictionary of Occupational Titles* (CS, DM)  
*Great Careers for... series* (CS)  
*Careers for ... series* (CS)  
*Careers in ... series* (DM)  
*Encyclopedia of Career and Vocational Guidance* (DM)  
*Liberal Arts Career News* (CS)

### Professional Organizations

*National Directory of Non-Profit Organizations* (DM)  
*Denver Meets* (DM)  
*Encyclopedia of Associations* (link on DM online catalog)  
Internet Public Library listing at: <http://www.ipl.org/div/aon>

### Employer Directories

*Reference USA* (link on DM online catalog)  
*Denver Business Journal Top 25 Book of Lists* (CS, DM)  
*Colorado Business Directory* (DM and available via link on DM online catalog)  
*Directory of Colorado Manufacturers* (DM)  
*Rocky Mountain High Tech. Directory* (DM)  
*Almanac of American Employers* (DM)  
*Job Banks for US cities* (CS, DM)  
*Standard & Poor's Register of Corp. Directory* (link on DM online catalog)  
*Thomas Register of American Manufacturers* <http://www.thomasregister.com>  
*Directory of Colorado Non-Profits* (DM and <http://www.coloradonoprofits.org>)

### Employment Outlook

*Occupational Outlook Quarterly* (CS, DM)  
*Job Rated Almanac* (DM)  
*CAM report* (CS)  
*Employment Outlook for Colorado* (DM)

### Internships

Internships are placements with employers that give Regis College students with a GPA of 2.5 or better the opportunity to combine coursework with real-life experience while earning academic credit. Internships enhance academic knowledge, personal development and professional preparation. In addition, a successful internship can give students an edge when hiring decisions are made because employers seek applicants with practical experience in their field. Students interested in an internship need to register with the **Academic Internship Program** for help with determining a site placement, learning objectives and academic criteria.

### Graduate School Information

*Real Guide to Grad School* (CS, DM)  
*Peterson's Graduate and Professional Programs* (CS, DM and <http://www.petersons.com>)  
*Gorman Report* (CS)  
*Graduate School Admissions Advisor* (CS)  
*Getting what you came for* (CS)  
*Educational Rankings Annual* (DM)  
*College Blue Book* (DM)  
*Directory of Post-Secondary Institutions* (DM)

### Salary Information

*Colorado Occupational Wages* (<http://www.coworkforce.com/lmi/wages/wages.asp>)  
*Compensation & Working Conditions* (DM)  
*NACE Salary Survey* (CS)  
Salary.com - <http://Salary.com>

### Alumni Career Network

One of the best resources for career information is people who work in the field you are considering. Contact information for Regis Alumni who have agreed to talk with students investigating career fields is available on the Alumni Career Network, a program located under "Alumni" at <http://www.ecampusrecruiter.com/regis>

### World Wide Web Sites

Regis Career Services: <http://www.regis.edu/careerservices>  
Dayton Memorial Library article and research database: <http://www.regis.edu/libdatabase.asp?sctn=lib&p1=empty>  
JobWeb (NACE): <http://www.jobweb.org>  
Career Magazine: <http://www.careermag.com>  
America's Job Bank: <http://www.ajb.dni.us>

