



Environmental Engineering

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Duties of Environmental Engineers

- ▶ Air Quality and Pollution Control
 - ▶ Identify and stop pollutants in the environment
- ▶ Groundwater Quality and Remediation
 - ▶ Protect and manage groundwater resources
 - ▶ Treat contaminated water systems
- ▶ Hazardous Materials Management
 - ▶ Prevent pollution by treating and removing hazardous waste
- ▶ Hydrology and Water Resources
 - ▶ Restore balance between humanity and nature
- ▶ Sustainable Approaches and Technologies
 - ▶ Making approaches for people to live more sustainably
- ▶ Water and Wastewater Treatment
 - ▶ Provide safe drinking water by treating it

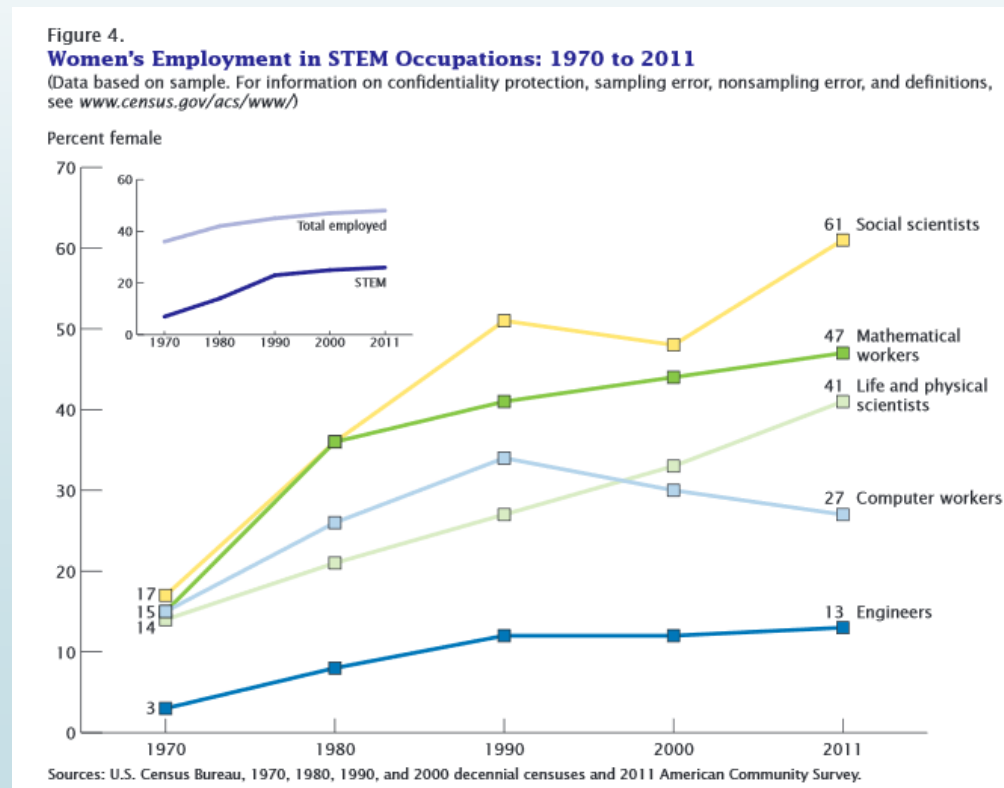


Benefits of Being an Environmental Engineer

- ▶ Average pay: \$80,890
- ▶ Job Outlook: 30.6%
 - ▶ Since there is a public interest in the environment, more companies are hiring environmental engineers.
- ▶ Work in a variety of environments from offices to construction sites

Gender Equality in the Field

- ▶ About half of current environmental engineering students are women
- ▶ Less than a quarter of total engineers are women so this is a huge leap for a gender-balanced workforce





Importance of Gender Equality

- ▶ Even though there is a law against having a wage gap between the genders, there is still a significant wage gap
 - ▶ Women make 78 cents to a man's dollar
- ▶ By working together women and men can come up with new ideas to help the environment
- ▶ More diversity = new and different ideas

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Importance of Environmental Engineers

- ▶ There are many environmental problems today and environmental engineers are the main people who come up with solutions for them
- ▶ With their help the planet can become cleaner and more sustainable
- ▶ Reduce the impact the industrial revolution has had on the planet
- ▶ Sustains natural resources



Sources

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