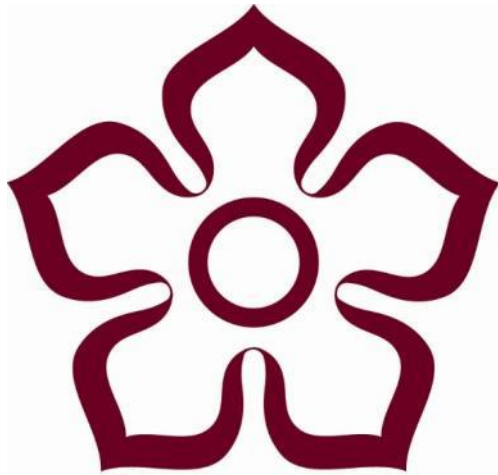


Hello and Welcome! 😊

Environmental Careers Conference - 31
October 2016



Leicester
City Council

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Pick Everard

A dynamic, forward thinking practice, providing a comprehensive range of project, cost and construction management, architectural, engineering and strategic consultancy services.



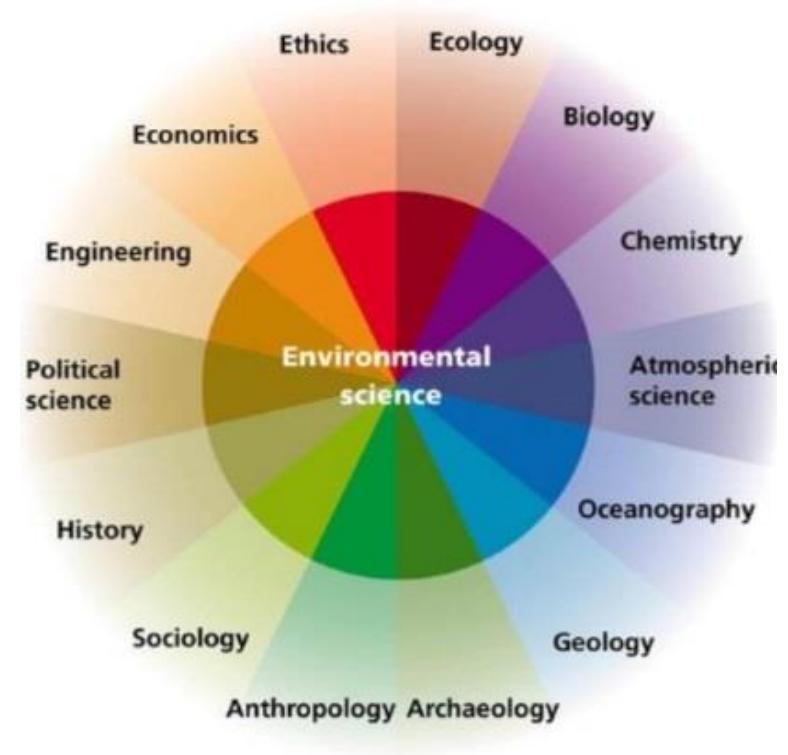
Samira Nikzad
Sustainability & Energy
Consultant



Environmental Careers

Environmental Science?

- ❑ Integration of the biological, physical, and earth sciences.
- ❑ Understanding how earth works and how it supports life.
- ❑ Identifying, controlling, and preventing disruption caused by human activity.



Environmental Careers

Business case

- ❑ In general, environmental science is a growing field and becoming more important for the planet.
- ❑ The job outlook for environmental scientists is excellent. Employment is projected to grow 15% from 2012 to 2022. (<http://www.environmentalscience.org>)



Moral of the industry

- ❑ I can go on about this forever!



Environmental Careers



Are you ...?!

- Good at science?
- Interested in exploring the environment and the Earth's natural resources?

Variations...

- Entomologist ... Recyclers ... Clean Car Engineers!
- Environmental
 - Engineer
 - Scientist
 - Technician
 - Lawyer



Continuing education to keep current with rapidly changing technology is important for engineers.

Environmental Careers

What it takes?

- Passion
- Courage
- Education
 - environmental engineering, civil, or chemical engineering

Are you ready to?

- Work both outdoors and indoor
- Travel to sites
- Write reports
- Keep up with new regulations and technology
- Research solutions to problems like acid rain or global warming
- Possibly decide the degree of danger of certain hazardous waste
- Perhaps design ways to treat wastewater





Research your passion to make sure the outlook is good for the career!

Let's talk money!

National Careers Service
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Energy engineer

Renewable energy engineer

Energy engineers work on the research, design and construction of power generation plants, and may be involved in drilling for gas and oil.

£ Salary	£20,000 to £80,000 average per year	🕒 Hours	40 per week
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You'll usually need a degree in engineering or a related science subject

<https://nationalcareersservice.direct.gov.uk/job-profiles/home>

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Environmental consultant

Eco consultant

Environmental consultants advise organisations on a range of issues, from managing waste and recycling, to assessing flood risk and the effects of climate change.

£ Salary	£22,000 to £60,000 average per year	🕒 Hours	35 to 40 per week
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You'll usually need a degree in environmental science, environmental studies or a related subject.

Now... what WE do!

- ✓ Contaminated land investigation
- ✓ Qualitative and quantitative risk assessment
- ✓ Environmental monitoring
- ✓ Landfill gas assessments
- ✓ Remediation supervision and validation
- ✓ Waste management
- ✓ Environmental due diligence
- ✓ Environmental site appraisals
- ✓ Flood risk assessments



Names and terms don't do any justice to content and philosophy!

We are problem solvers!

- ✓ Energy and carbon consultancy
- ✓ Building physics / thermal modelling
- ✓ Soft landings
- ✓ BREEAM assessors
- ✓ Sustainability consultancy
- ✓ Renewable energy consultancy



We are involved in Environmental Policy, Planning, and Management



Now... what YOU do!

- ✓ Research your passion to make sure the outlook is good for the career.

As much as passion plays a significant role in pursuing what you love, unfortunately it does not pay the bills!



- ✓ Keep current with rapidly changing technology ... plan to enter a graduate program.

Want to progress ...? don't be dinosaur ...! Science and technology revolutionize our lives ...



- ✓ Get working experience while you study.

A luxury pocket money to maintain your lifestyle while you are getting good at what you do? ... results!



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**THANK
YOU FOR
LISTENING
ANY
QUESTION**

