


<p>Name, including job title and any qualifications and memberships</p> 	<p><b>Professor Stephanie Glendinning</b>  Professor of Civil Engineering  Dean of Strategic Projects  Faculty of Science Agriculture and Engineering</p> <p><b>Qualifications:</b>  PhD Geotechnical Engineering (Loughborough University, 1995)  BSc Engineering (Civil) (Leicester University, 1989)</p> <p><b>Memberships:</b>  Fellow, Institution of Civil Engineers  Member of the British Geotechnical Association  Member of the International Geosynthetics Society</p>
<p>Where do you current work / study</p>	<p>Newcastle University  Newcastle upon Tyne (UK)  NE1 7RU</p>
<p>Where do you live?</p>	<p>Morpeth, Northumberland, UK</p>
<p>What is your field of study / work?</p>	<p>I am a civil engineer specialising in infrastructure and the adaptation measures required to sustain extreme weather events and climate change. I have experience in the field of geotechnical engineering and ground modification (engineering with, and on the ground).</p> <p>As the Dean of Strategic Projects for the Science Agriculture and Engineering Faculty at Newcastle University, I am tasked with providing academic leadership for the integration of Learning &amp; Teaching with Research for the Faculty; to develop new directions and priorities, and the investment in facilities and buildings.</p> <p>One of my most recent projects has been constructing the Urban Sciences Building on the Science Central site in Newcastle upon Tyne. The project brings together academia and industry from engineering and computing to create a world class engineering research facilities that address global sustainability challenges.</p>
<p>How did you get interested in science and engineering?  What interests you the most about the field?</p>	<p>At School I was most interested in science, maths and design; putting these together to make engineering gave me an interesting career option. I was also interested in buildings and structures so this led me towards civil engineering.</p> <p>What interests me about civil engineering in particular right now is the coupling of science with the human dimension. For example, to be able to explore both new scientific understanding of material behaviour and to understand what this will mean for how we design, manage, finance and operate our economic infrastructure.</p>

<p>If you are undertaking research, what impact do you hope your research will have?</p>	<p>I am currently leading work that aims to gain a better understanding of the way that linear infrastructure deteriorates under increasing environmental loading, and to use this understanding to improve investment decisions. The planned impacts include changes to the way new infrastructure is designed, how aging infrastructure is adapted, and how investment strategies are formulated to enable physical and operational resilience.</p>
<p>What would you say to someone who is interested in entering your field of research or area of study?</p>	<p>Talk to people who are in that field to gain different perspectives; don't just limit yourself to one conversation. Choose people who are doing different things and are at different stages in their career. Ask them what interests them about what they do; ask the more senior people how they got to where they are now.</p>
<p>What is one major goal you have for your life or your career?</p>	<p>As soon as I started research I knew that I wanted to become a Professor – as many people do who enter academia of course. I now want to make sure that my work is interesting and useful and that I help others achieve their career goals.</p>
<p>Have you had any mentors? How do they inform what you do now?</p>	<p>I have had several people who I respect and from whom I have sought advice when I have needed it. They include family, friends and colleagues. I still do this. It is always useful to seek advice from different perspectives when making decisions. I may not take the advice precisely, but listening to different views helps me shape my approach.</p>
<p>Do you have a favourite quote?</p>	<p>I would not say it was a favourite (and the person to whom the quote is attributed has no significance for me) but I have found the following closely aligns with the way I approach things:  “Start where you are. Use what you have. Do what you can”  Arthur Ashe, US tennis player</p>