

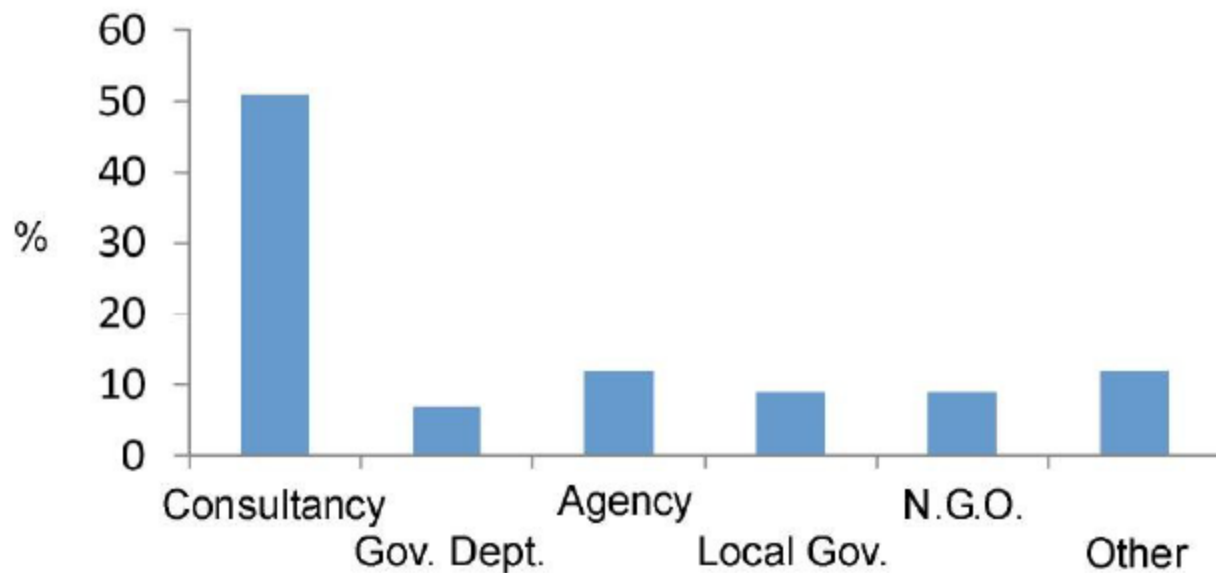
# Life Science Careers: Environmental Sector

Dr Graham Hopkins  
Senior Ecologist



# Employment Sectors:

## Members of the Institute of Ecology & Environmental Management

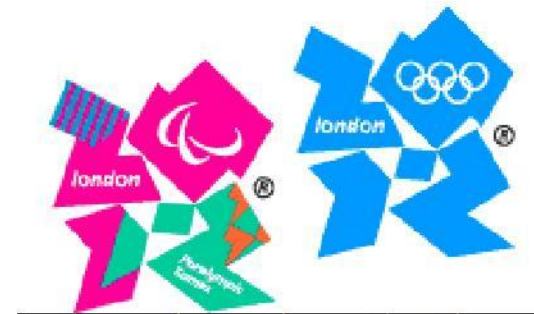


# Types of Consultancies

- Multi-disciplinaries
- Environmental Consultants
- Ecological Consultancies
- Sole traders

# Greenwich Park

Olympic Equestrian and Modern Pentathlon,  
Paralympic Dressage



# Role of Staff Grades

	Walkover	Phase 2 Surveys	Technical Reports	Environmental Statement
Assistant Ecologist		X		
Ecologist	X	X	X	
Senior / Principal Ecologist	X	X	X	X

# Skills Gaps Identified by IEEM

- Identification & Taxonomy
- Ecosystem Services
- Technological Expertise
- Multidisciplinary Understanding

# Progression Skills

	<b>Subject Skills</b>	<b>Types of Work</b>	<b>Generic Skills</b>
<b>Assistant Ecologist</b>	Species natural history Basic botany Appreciation of legislation	Routine phase 2 surveys	Enthusiasm Team player
<b>Ecologist</b>	Survey licences Good understanding of legislation Good botany	Phase 1 survey Phase 2 surveys	Budgeting Project management Communication
<b>Senior / Principal Ecologist</b>	NVC survey Mitigation licences 'Recognised' expertise	Phase 2 surveys Licence applications EIA / masterplanning	Communication Lead a team Able to train

# Other Employers

- **Government Departments & Agencies.** Regulation. Policy work.
- **NGOs.** Practical work. Information gathering and campaigning. Advocacy.
- **Local Government.** Advice and supporting local planning process.



# Pay Scales

- Assistant Ecologist **£14-20k**
- Ecologist **£20-25k**
- Senior Ecologist **£27-36k**
- Principal Ecologist **£38-45k**

# Foot in the Door: cv advice

- Enthusiasm
- Continuing professional development
- Extracurricular interest: minimum botany levels and in-depth knowledge of species
- Obscure ecological groups
- MSc, PhD?
- Multidisciplinary skills: GIS; communication; person skills; statistics and maths; machinery; law; planning; archaeology; hydrology

# Summary & Conclusions

- Times are tough, but the jobs *do* exist
- Breadth of experience
- Enthusiasm
- A specialism