

Aware of a range of programming languages (and their strengths and weaknesses)		
- What languages do you normally use?		
- With what do you require more training?		
UNIX shell commands		
Code editors and packages (e.g. vim, jupyter notebook, R studio)		
Version control (e.g. git, svn)		
Cloud-based software (e.g. Google Docs, One Drive, Dropbox)		
- What tools do you normally use?		
- With what do you require more training?		
Reference management (e.g. Endnote, Mendeley)		
Word processing (e.g. Microsoft Word, LaTeX, Overleaf)		
Awareness of computing/modelling terminology		
Models		
- What models do run (e.g. CABLE , MOM , UM , WRF)?		
- What model output do you analyse?		
Running existing model configurations set up by others		
Setting up and modifying my own model configurations		
Modifying model code to incorporate my own scientific contributions		
Data		
Finding data on the NCI archives		
Requesting additional or missing data		
Processing and analysing observational/reanalysis/model datasets		

Communication	Current Skill Level	Priority
Core Science	1 2 3 4 5	Low Medium High
Scientific paper writing		
Reading scientific literature		
Paper submission processes		
Responding to paper reviews		
Providing a paper review		
Preparing a concise and clear scientific poster		
Writing paper syntheses or summaries		
Creating figures for journal articles (and aware of accessibility considerations)		
Oral presentations to fellow scientists (e.g. seminars, conferences)		
Building collaborations		
Networking and teamwork skills		
Library tools and facilities		
External and Other		
Writing for a general audience		
Writing policy statements		
Creating informative graphics for a general audience		
Presenting to a range of audiences		
Engaging with media Using social media effectively for science engagement		

Engaging with stakeholders, including beyond academia	
Awareness of funding opportunities	
Writing grant applications	

Professional Development	Current Skill Level					Priority		
	1	2	3	4	5	Low	Medium	High
Managing your work effectively through setting and achieving goals and milestones								
Preparing job applications								
Job interviews								
Awareness of skills required for desired career path (academia, industry, government or other)								
Aware of possible internship options								
Planning for research impact								
Identifying potential stakeholders								
Leadership experience (e.g. chairing a conference session, membership of a committee)								
Understanding of unconscious bias								
Managing projects, tasks, emails, meetings, and other duties (own time management, but also working with others)								