



Continuing Professional Development Scheme



## Competencies

### Data

1. Awareness of the role and importance of research data and relevant recent trends such as 'big data' and open data
2. Understand principles and practices of research data management, including data preservation, storage, retention and disposal, data management planning and sustainability
3. Appreciation of the legal and policy framework surrounding research data, including copyright, licensing, intellectual property and international standards
4. Understand ethics and privacy as it relates to research data, including the management of sensitive data
5. Understand the organisational or institutional context for research data management
6. Understanding best-practice metadata for research data
7. Appreciation of data collection, processing and analysis, for example knowledge of common tools and techniques for statistical analysis and data visualisation
8. Understand the principles and practices involved in data reuse and sharing, including finding data and data citation
9. Manage professional relationships with various stakeholders, including researchers, data custodians, users and other stakeholders
10. Maintain currency of professional knowledge and practice.