

APPENDIX 8.2: An Example of a Knowledge-Skills-Resource Matrix for a Team

✓ = Capacity Achieved/ ✗ = Capacity Development Required

Knowledge/Skills	Resources	PERSON 1 Team Leader	PERSONS 2-6 Subject Matter Experts	PERSON 7-8 ITC Expert	PERSON 9-12 Research and Development Expert	PERSON 13-14 GIS Analyst	PERSON 15 Support Staff
Geospatial Information							
General GIS Concepts	Computer Internet Access	✓	✓	✓	✓	✓	✓
Geospatial Data Entry, Conversion and Maintenance	Computer (High-end) Internet Access GIS Software		✓		✓	✓	
Cartography and Graphic Design	Computer (High-end) Internet Access GIS Software Publishing Software		✓		✓	✓	
Metadata creation and editing	Computer Internet Access Metadata editor		✓	✓	✓	✓	
Image Interpretation	Computer (High-end) Internet Access Image analysis Software		✓				
GIS Analysis	Computer (High-end) Internet Access GIS Software		✓	✓	✓	✓	
GIS Workflows	Computer (High-end)	✓	✓	✓	✓	✓	

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	Internet Access GIS Software						
3D Modelling	Computer (High-end) Internet Access GIS Software		✓		✓	✓	
4D Modelling	Computer (High-end) Internet Access GIS Software		✓		✓	✓	
Basic understanding of programming			✓	✓	✓	✓	
Structured Query Language (SQL) knowledge	Computer Internet Access SQL Programming Software		✓	✓	✓	✓	
Object Oriented programming	Computer Internet Access O-O Programming Software			✓	✓		
Basic GIS architecture (desktop and web)	Computer Internet Access GIS Software		✓	✓	✓	✓	
Web Services knowledge and experience	Computer Internet Access		✓	✓	✓	✓	
Database Skills	Computer Internet Access		✓	✓	✓	✓	

Knowledge/Skills	Resources	PERSON 1 Team Leader	PERSONS 2-6 Subject Matter Experts	PERSON 7-8 ITC Expert	PERSON 9-12 Research and Development Expert	PERSON 13-14 GIS Analyst	PERSON 15 Support Staff
Proficiency in Mobile Apps	Mobile Smart Phone	✓	✓	✓	✓	✓	✓
Project Management Sills							
Project Management and Design	Computer Internet Access	✓		✓	✓		
Ability to translate user needs to solutions	Computer Internet Access	✓	✓	✓	✓	✓	
Skills transferrable to multiple domains	Computer Internet Access	✓	✓	✓	✓	✓	
Communication Skills	Computer Internet Access	✓	✓	✓	✓	✓	✓
Monitoring and Evaluation	Computer Internet Access	✓		✓	✓	✓	
Problem Solving Skills	Computer Internet Access	✓	✓	✓	✓	✓	✓