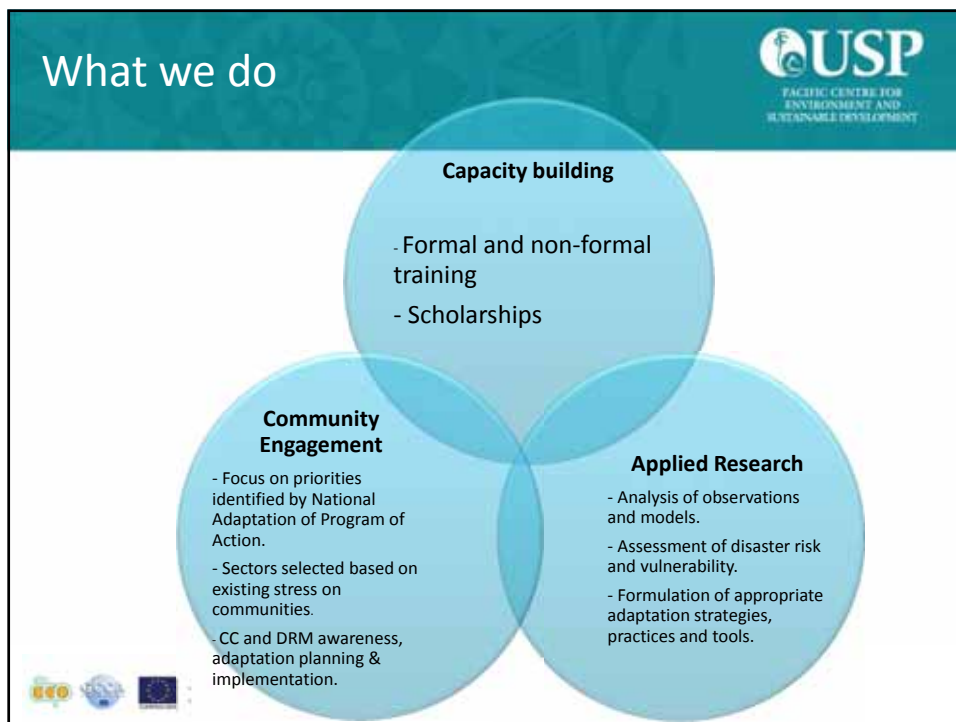
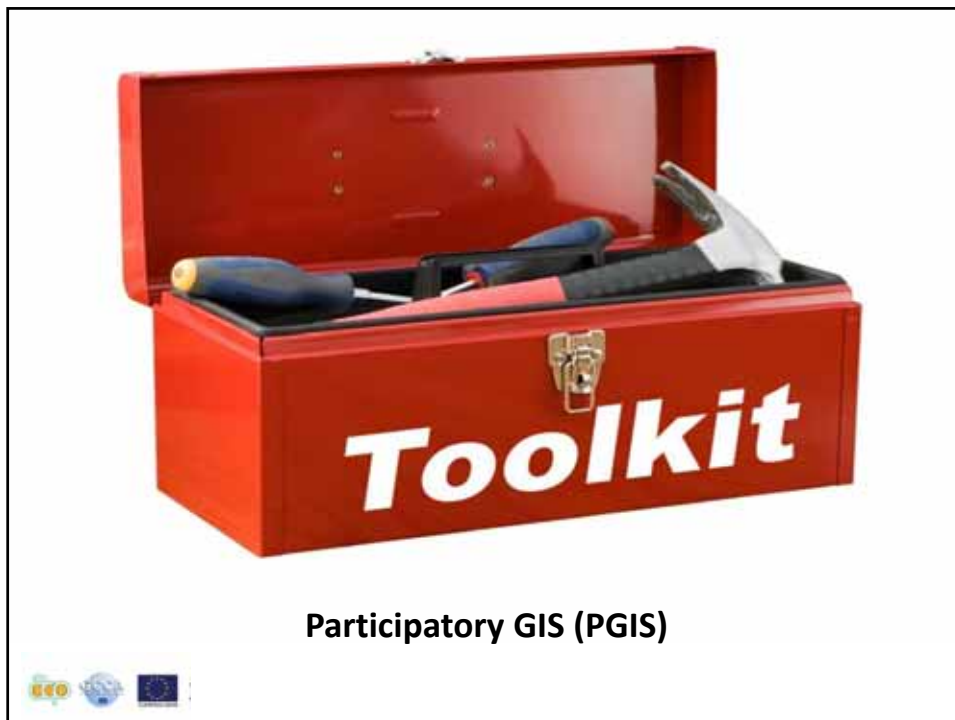


Who we are

- University of the South Pacific, European Union Global Climate Change Alliance (USP EUGCCA)
- Global Climate Change Alliance (GCCA)
- Strengthen dialogue and cooperation on CC between the EU and Pacific Island Countries.
- Pacific component of the Intra ACP project implemented by USP through PACE-SD.
- Initially a four year, 8m € project
- Project extension with an extra 1.9 m € ending in Aug 2017





What is community mapping?



USP
PACIFIC CENTRE FOR ENVIRONMENT AND SUSTAINABLE DEVELOPMENT



Communities



- Are the ones living in isolated harsh environments.



- Without external assistance they often do NOT understand, know how to cope and adapt to changing climate, how to deal with the risks and vulnerabilities.



Pilot Project (3 days in 3 different sites)











Pilot Project



Id_no	Building_Type	Owner	No_of_Males	No_of_females	No_of_Disabled_persons	Source_of_Water_1	Source_of_Water_2	Source_of_Food_1	Source_of_Food_2
1									
2									
3									
4									

Id_no	Own_a_plantation	Type_of_Toilet	Sealed_Unsealed_Septic	Roofing_Material	Affected_by_natural_Disaster	Name_of_Disaster	Number_of_Deaths_Disaster	Common_Disease_1	Common_Disease_2	Common_Disease_3
1										
2										
3										
4										
5										
6										



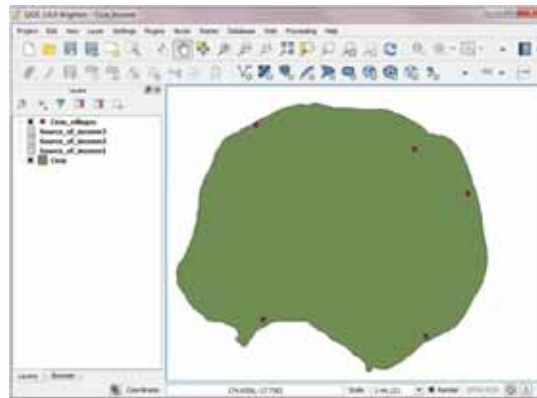




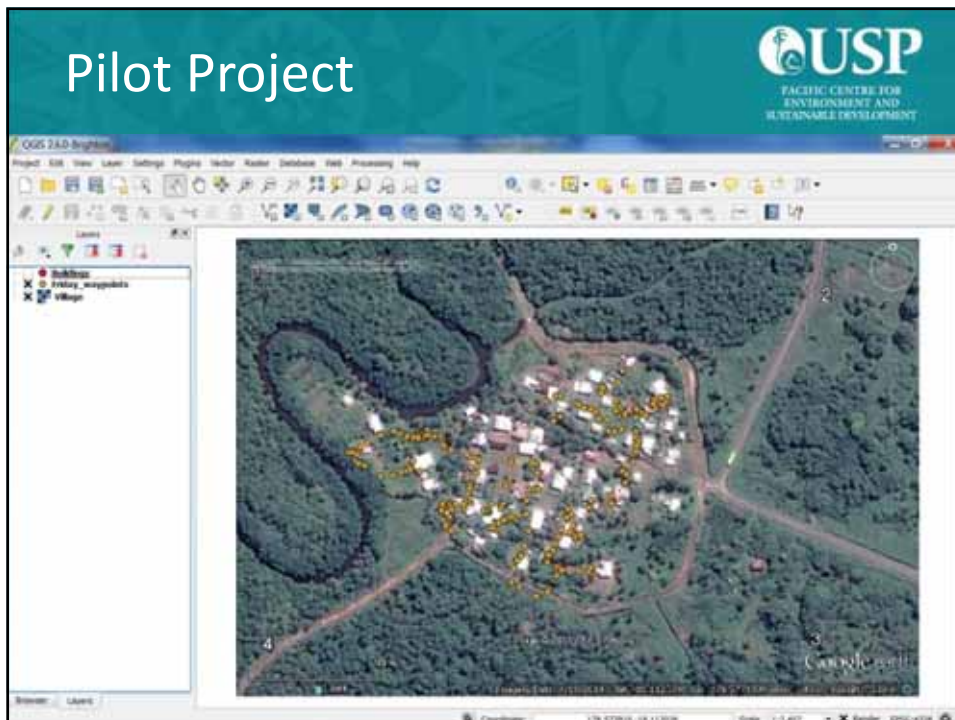
QUANTUM GIS

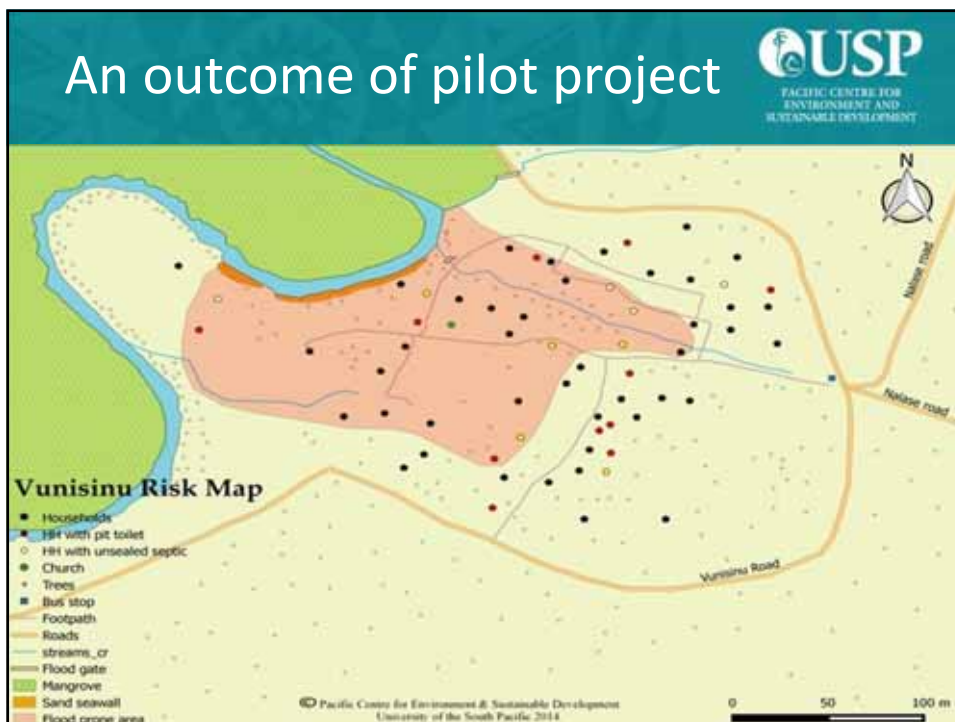


- Free
- User-friendly
- No need for internet connection



Pilot Project





The package...

Community Mapping and QGIS
A disaster risk mapping toolkit for local communities

QGIS-OSGeo4W-2.6.0-1-Setup-x86_64

QGIS-OSGeo4W-2.6.1-1-Setup-x86_32

Chapter 6 Spreadsheet

Chapter 6

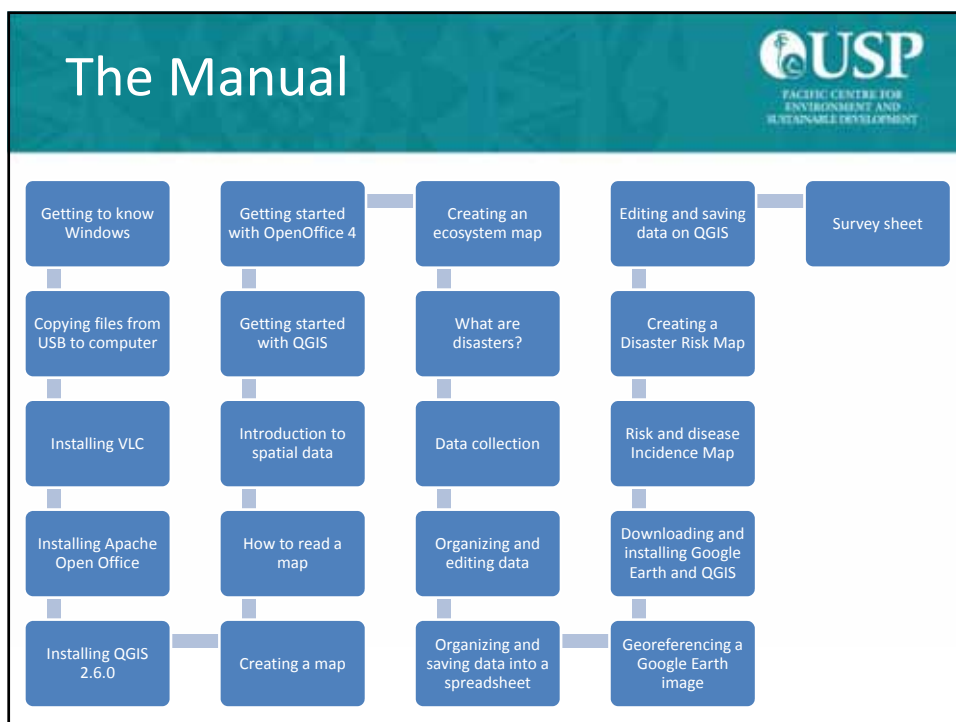
Chapter 9 part 1

Chapter 9 part 2


- Road.dbf
- Road.prj
- Road.qpj
- Road.shp
- Road.shx



VLC media player

OpenOffice 4.1.1




Training to know...







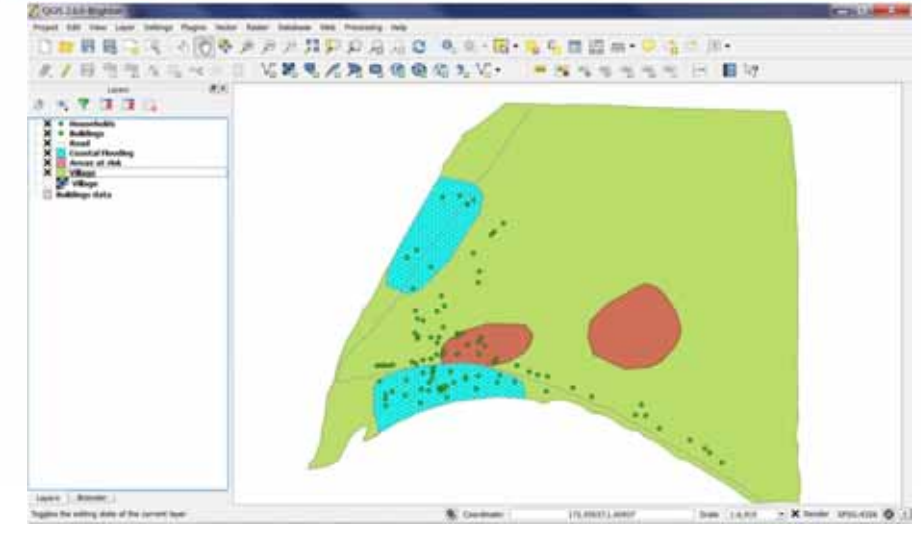
Attribute table - [Source_of_income] - Features total: 5, filtered: 5, selected: 0








ID	Village	X	Y	Coast	Shoaling	Marine_resources	Fish_jobs	Fish_price_index	Rate_of_fishing_reduction	Depth_of_reef	Small_business	Distance
2	Nakobaka	284 828.4	9036778.88	9	1	0	0	0	0	0	0	0
3	Namania	286 768.71	9035967.46	6	1	0	0	0	0	0	0	0
4	Makulu	283 887.15	9035776.36	27	0	0	1	0	0	0	0	1
1	Tanaka	282992.67	9036643.23	3	2	0	0	4	0	1	0	0
5	Lanati	284995.93	9036287.88	18	0	1	1	0	0	0	0	0




... and how to effectively use the collected data






	Pilot tools
	Trial
	Conduct training for regional staff
	Finalize tool-kit content
	Publish and Share tool-kit
	Online course
	Train government officials, NGOs etc
	Train communities and use in Secondary schools
	Translate into different languages
	Create and APP

Trial 1



USP
TACIFIC CENTRE FOR
ENVIRONMENT AND
SUSTAINABLE DEVELOPMENT



CMGIS: Community Mapping and QGIS

Role: **Sau I Fanga Pouvalu**

[Log out](#)

ADMINISTRATION

- Course administration
- Turn editing on
- Edit settings
- Course completion
- Users
- Filters
- Reports
- Marksheet
- Outcomes
- Badges
- Inspect
- Question bank
- Switch role to...
- My profile settings

NAVIGATION

- My home
- Site pages
- My profile

Welcome to Community Mapping and QGIS

Mapping involves collecting, organizing, editing, storing and using data to create thematic maps. Maps are a great way to visualize 'what' is in an area. With this toolkit, communities will have a direct involvement in their own adaptation to climate related issues.

There are 7 parts in this training.

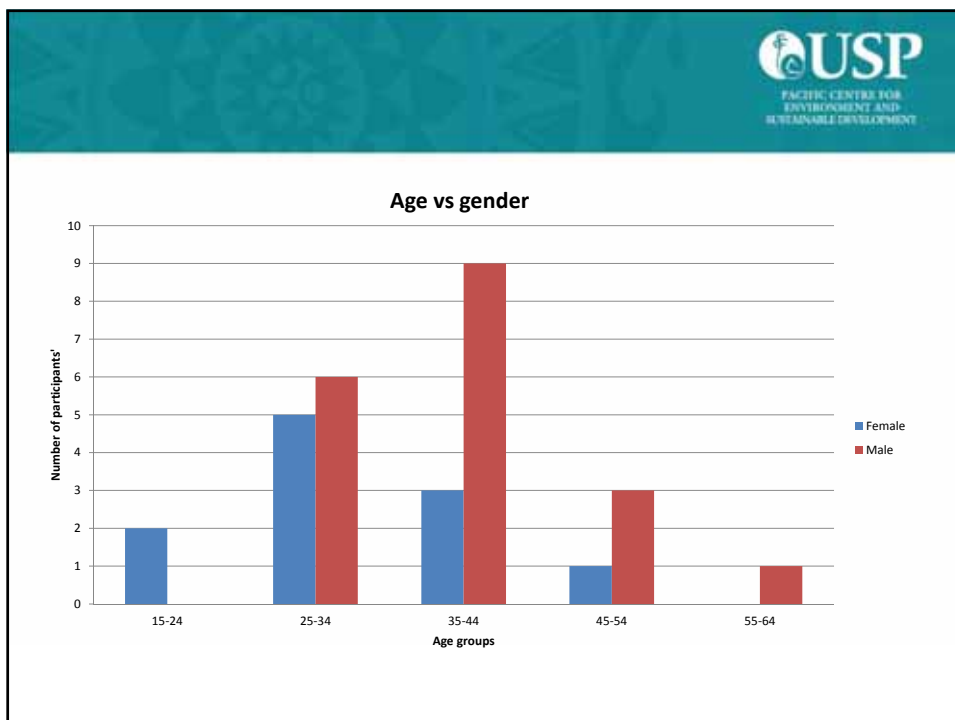
- Part 1 - Chapter 1 - 5
- Part 2 - Chapter 6 & 7
- Part 3 - Chapter 8 - 10
- Part 4 - Chapter 11 - 13
- Part 5 - Chapter 14 - 16
- Part 6 - Chapter 17 & 18
- Part 7 - Chapter 19 & 20
- Conclusion & Final Evaluation

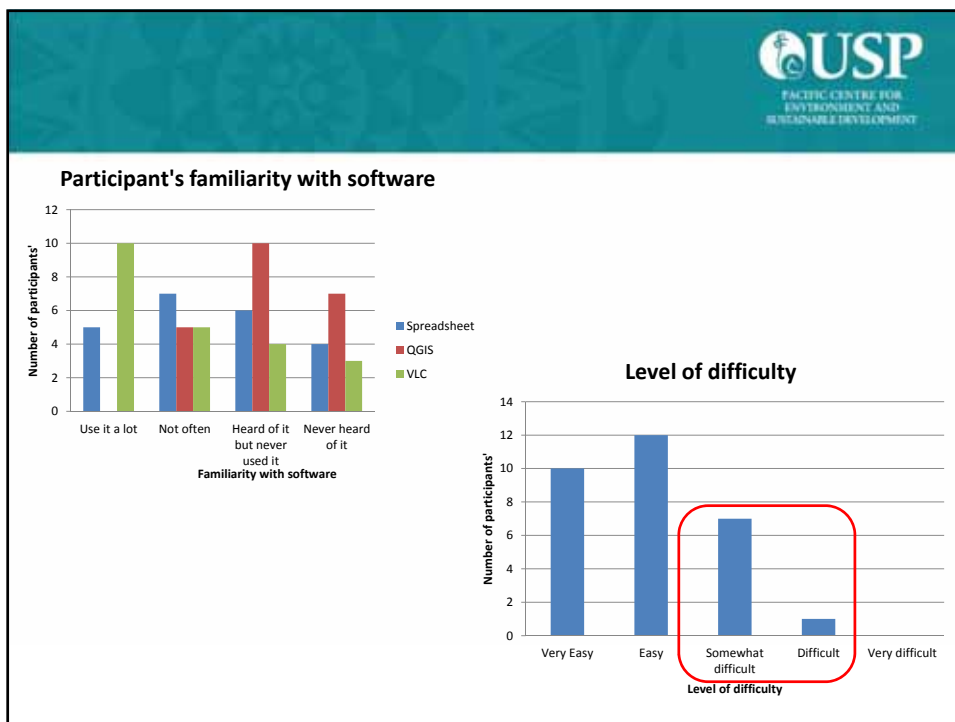
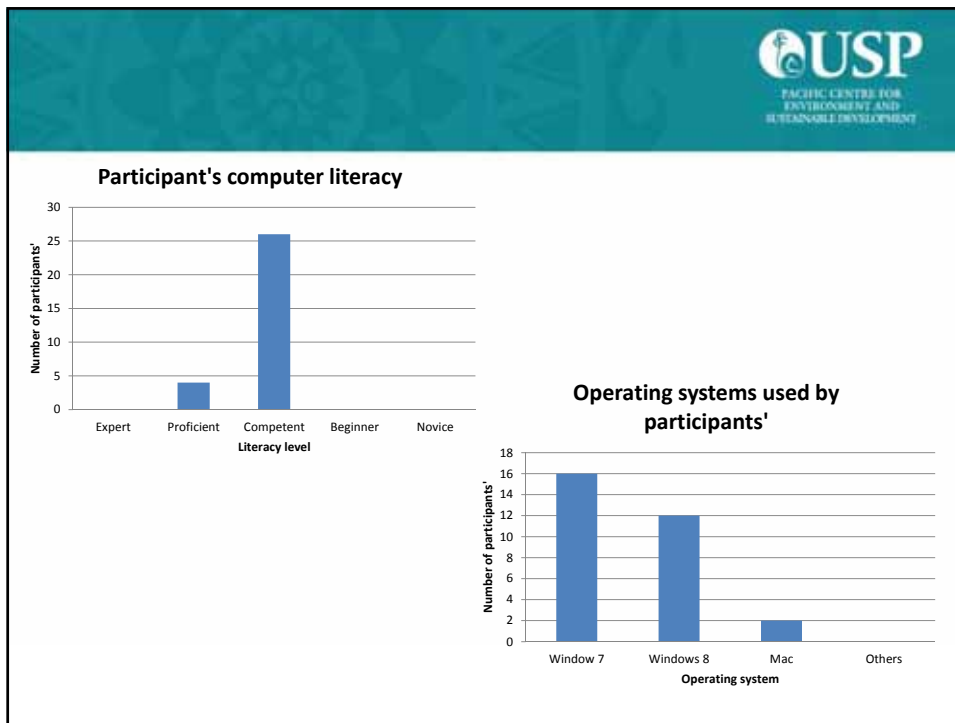
The final copy of this tool-kit will consist of a hard-copy of the **tutorial guide** which has been broken up into **pdf files** for this training and a **flash drive** with all the software, video tutorials and shapefiles. All the software and shapefiles that is part of the tool-kit have been loaded on to this Moodle shell so you will **NOT** be copying files from a USB as indicated in the instructions. Each Part consists of the instructions for each chapter in a pdf file, video tutorials and shapefiles (if any).

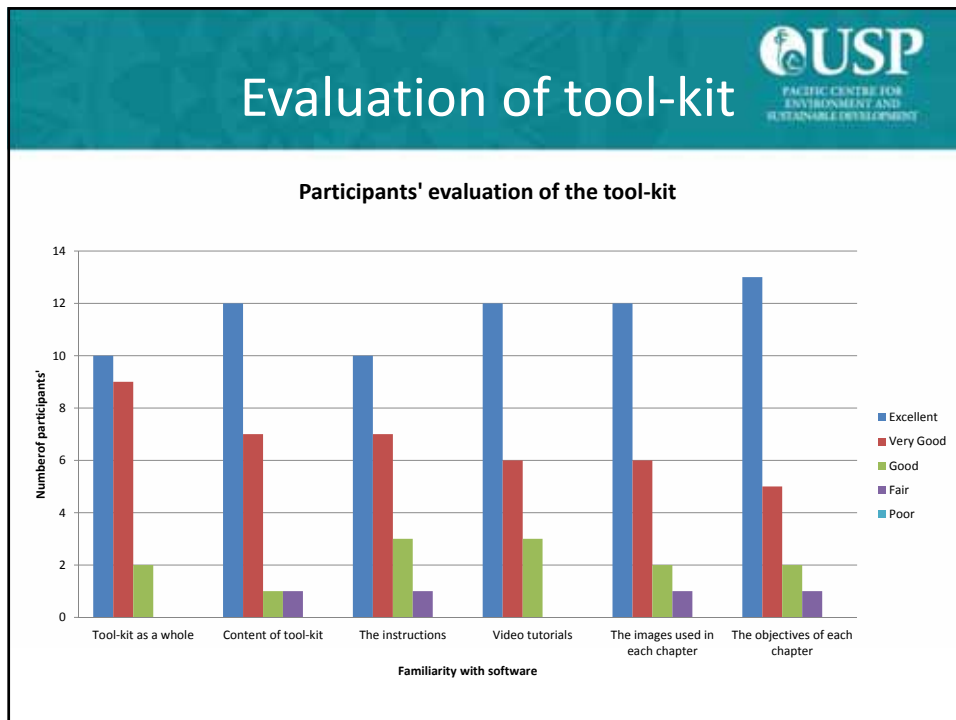
This Moodle page will be your area to go over the toolkit in detail.

ACTIVITIES

- Databases
- Feedback
- Forums
- Questionnaires
- Quizzes
- Resources







Objectives achieved?

USP
PACIFIC CENTRE FOR ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

USP CMGIS: Community Mapping and QGIS

CMGIS > Upload your map > View list

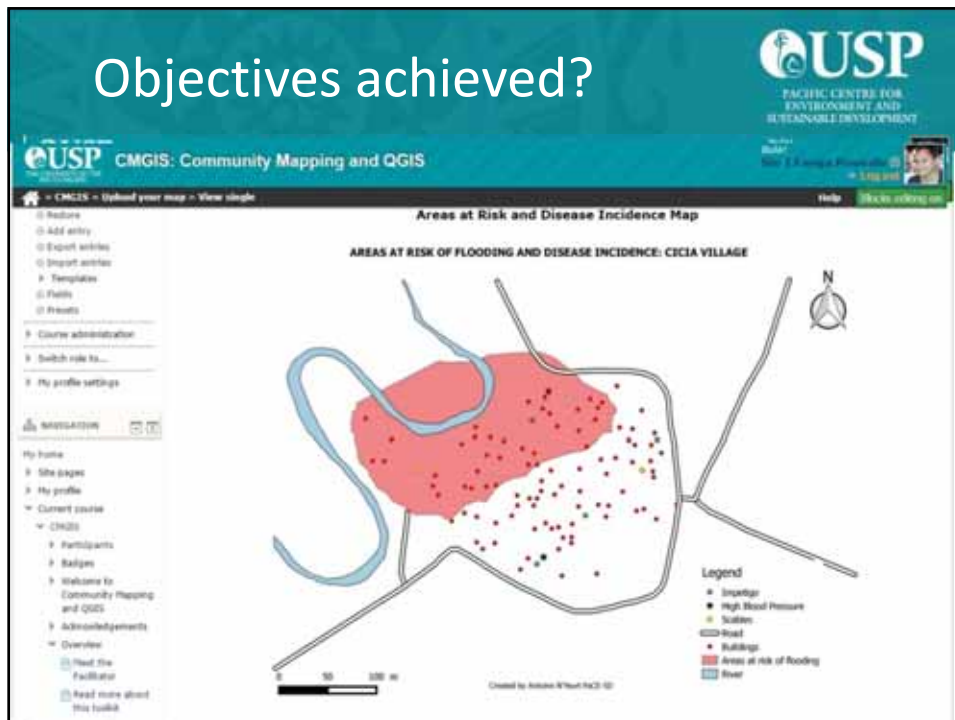
Upload your map

To upload your map click on the "Add entry" tab, enter the name for your map and then upload JPEG image. You can browse through other participants' entries to see if you are on the right track once you have uploaded your map.

[View list](#) [View single](#) [Search](#) [Add entry](#) [Export](#) [Templates](#) [Fields](#) [Presets](#)

Map Name	Map	Added by
Awneesh's map		Added by Awneesh Singh on Tuesday, 31 March 2015, 12:42 PM
Peni Hovea		Added by Peni Hovea on Tuesday, 31 March 2015, 1:03 PM
Map of Cicla Island - Sarah		Added by Sarah Hasmah-Beth Iommama Griffin on Tuesday, 31 March 2015, 1:31 PM
Sarah Hasmah-Beth Iommama Griffin		Added by Sarah Hasmah-Beth Iommama Griffin on Tuesday, 31 March 2015, 1:31 PM
Sarah Hasmah-Beth Iommama Griffin		Added by Sarah Hasmah-Beth Iommama Griffin on Tuesday, 31 March 2015, 1:31 PM

Objectives achieved?



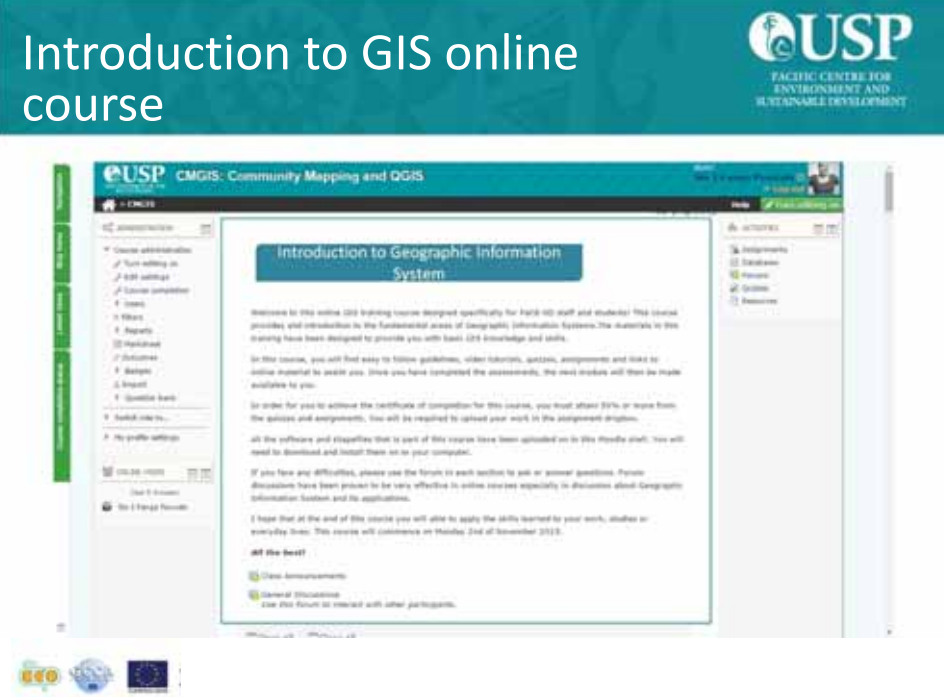
Some problems and limitations

- Time – trial & feedback for participants’.
- Installation of software.
- Familiarity of participants’ with laptops and tool-kit prior to implementation.
- Commitment






Introduction to GIS online course




The screenshot shows the USP (Pacific Centre for Environment and Sustainable Development) online course interface. The main content area displays the title 'Introduction to Geographic Information System' and a welcome message. The message states that the course is designed for FNU staff and students, covering the fundamentals of GIS. It mentions that the course includes guidelines, video tutorials, quizzes, assignments, and links to additional material. A requirement is noted that users must attend 20% of the course. The interface also features a navigation menu on the left and a user profile section on the right.



PACIFIC CENTRE FOR ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

- Current research topic **“An analysis of the response to the Community Mapping & QGIS, climate and disaster risk mapping tool-kit.”**
- **Objectives:** - Determine the effectiveness of the Community mapping tool-kit in different community environments
- Analyze the technical, cultural and social factors that affect the use of the tool-kit in different community settings.
- Analyze the role of the tool-kit as a technology that influences the way the community thinks of their village spatially in terms of climate change adaptation and resilience and capacity building.
- 3 selected sites in Fiji (coastal, inland and island environment).
- Criteria for site selection: Geography, vulnerability, social and technical.





Siu Pouvalu
Junior Research Fellow
USP EUGCCA project
Pacific Centre for Environment &
Sustainable Development.

pouvalu_s@usp.ac.fj