EU PacTVET

European Union Pacific Technical and Vocational Education and Training on Sustainable Energy and Climate Change Adaptation Project

Pacific Community
Communauté du Pacifique

EUROPEAN UNION

USP
THE UNIVERSITY OF THE SOUTH PACIFIC

Regional Certificates in Resilience (Climate Change Adaptation and Disaster Risk Reduction/CCA & DRR)

Qualifications

Regional Certificate 1 in Resilience

(Climate Change Adaptation & Disaster Risk Reduction/CCA & DRR)

The Certificate 1 in Resilience is a generic qualification aimed at those who may already be working in a field related to Resilience (CCA & DRR), or those who wish to pursue a career in Resilience. Unit standards are applied across diverse fields of Resilience.

	Compulsory Unit Standards
Level 1 credits	33
Level 2 credits	8
Level 3 credits	-
Level 4 credits	-
Minimum totals	**41**

Credit Value:

One credit is equivalent to ten notional learning hours. Notional learning hours include: direct contact time with teachers and trainers (directed learning), time spent in studying, doing assignments, and undertaking practical tasks (self-directed/work related), time spent in assessment.

Resilience

The Pacific island states are particularly vulnerable to the adverse effects of climate change. People living in the many island countries are already suffering from extreme weather events such as cyclones, droughts, heavy rainfall and floods, and their effects, for example coastal erosion and – especially on the atolls – water shortages. The predicted rise in sea levels, altered precipitation patterns, higher temperatures and acidification of the ocean will exacerbate these risks in the coming decades. This jeopardises the livelihoods of the people, most of whom are engaged in agriculture, forestry and fishing and are thus dependent on natural resources. A further problem for the Pacific island countries is their heavy dependence on fossil fuels for energy production. Extreme weather events also have a particularly detrimental impact on health and tourism. The effects of climate change and possible mitigation and adaptation strategies are increasingly being incorporated into policy frameworks and regulations. However, information and knowledge management, and the monitoring and coordination of these measures at regional and national level are in need of improvement in many respects.

The purpose of the certificate level qualifications in Resilience is to use the formal vocational education sector to facilitate building national and regional capacity to: raise the level of awareness of Resilience (CCA&DRR), and develop technical skills and knowledge to accurately monitor and assess impacts of climate change and natural hazards; identify solutions to reduce these risks; and plan, manage and implement risk reduction projects to reduce damage and losses. These qualifications contribute to the developing a Pacific Community whose people are educated and healthy and manage their resources in a sustainable way.

The field of Resilience includes a broad spectrum of skills and knowledge pertaining to Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR). Certificates 1 and 2 in Resilience are generic qualifications. Certificates 3 and 4 in Resilience offer strands in elective fields: Agriculture, Coastal Management, Energy & Resilient construction, Fisheries, Forestry, Health, Tourism, Water Resources.

All outcomes for this Certificate 1 are compulsory covering the following key job roles:

- **Using tools, equipment and materials**: applied safely in the workplace and relating to observation of climate change impacts, hazards and disasters, such as maps and weather instruments,
- **Identifying indicators of climate change and disasters and participate in the implementation of resilience building projects:** report exposure and vulnerability factors, conduct and monitor tasks to implement CCA and/or DRR projects
- **Communicating with stakeholders:** to identify problems, use appropriate technology to convey information effectively, use appropriate culutral protocols to facilitate discussion and resolve conflicts if needed.

Flexibility and Recognition of Prior Learning:
This qualification can be achieved in different settings including the community, workplace and education institutions. Learners can achieve competence in ways most suited to their educational, work or cultural needs and aspirations.

Recognition of prior learning (RPL) acknowledges the skills and knowledge gained from workplace, community experiences or informal training which includes courses or study previously undertaken. Assessment for RPL must be undertaken by a qualified assessor

Entry level/pre-requisites
There are no prerequisites for this qualification. It is expected that entrants to this qualification would have completed at least three years of secondary school education or have at least at least one year of experience working in the a field related to the sector of Resilience (CCA & DRR).

Credit Transfer Arrangements
The Pacific Qualification Framework allows for credit recognition and transfer from other regional or national qualifications through a process of mutual recognition. Credit transfer is a process whereby credits already achieved for one qualification are recognized towards a new qualification. <u>If a learner has obtained competency in the Certificate 1 in Resilience (within the past 3 years) they will receive a credit for unit standards which have been successfully completed</u>

Pathways
On completion of the Certificate 1 in Resilience graduates can progress to further learning in Resilience or other industry areas which provide the opportunity to gain higher level technical skills and knowledge and contribute to the workforce.

Graduate Profile

A graduate of a level 1 certificate is able to: demonstrate basic general knowledge, apply basic skills required to carry out simple tasks, apply basic solutions to simple problems, apply literacy and numeracy skills for participation in everyday life, work in a highly structured context, demonstrate some responsibility for own learning, interact with others.

On completion of a Certificate 1 in Resilience graduates will have broad basic knowledge and skills to engage as competent community members and employees. A graduate would be competent to undertake roles such as: gathering relevant information and data for monitoring and reporting of projects, providing general information, communications and services to communities, government and development partners, and developing community awareness on matters related to vulnerability, climate change adaptation, mitigation and disaster risk reduction, support implementation and monitoring of resilience building (CCA and DRR) projects.

- Create community awareness on matters of climate change and disasters.
- Assist climate change and disaster risk officers collect field data.
- Assist in the conduct of vulnerability assessments using a combination of quantitative and qualitative research tools and technologies.
- Communicate effectively with community stakeholders using appropriate protocols
- Apply and promote Traditional Knowledge in Resilience (CCA& DRR) interventions

Requirements: A Certificate 1 in Resilience comprises 7 compulsory Unit Standards

4 Generic Skills Units:. *The learning and assessment activities in these unit standards will applied in different fields of Resilience.*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CG2001	Participate in a team towards an objective	2	4
CG2002	Collect, present and apply workplace information	2	4
CG1003	Perform workplace calculations	1	2
CG1001	Apply appropriate communication skills	1	8

PLUS

3 Core Skills Units

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR1002	Describe and explain causes and impacts of climate change, hazards and disasters	1	7
CR1003	Apply basic knowledge of Resilience (CCA & DRR)	1	8
CR1001	Select, use and maintain tools, equipment and resources for work practices in Resilience	1	8

Regional Registration Information

Provider Arrangements

Accredited providers/assessors need to apply to the regional accrediting agency (EQAP) to deliver this qualification. In addition, if the Pacific country hosting delivery has national quality and/or registration requirements the provider must comply with the national application processes.

Version

This is the first version of the Certificate 1 in Resilience. This qualification and the unit standards were provisionally endorsed on 19 May 2016 by the Pacific Regional Resilience Industry Standards Advisory Committee (ISAC) in Nadi, Fiji. Final endorsement was obtained in August 2016 through the web-based communication 'Basecamp'.

Certification & Quality Assurance

This qualification will be awarded by the regional accrediting agency on behalf of the Pacific Regional Resilience Industry Standards Advisory Committee. It may also be awarded by a Pacific island national accrediting agency and/or an accredited training organisation.

Workplace assessors assessing against regional unit standards must comply with the Pacific regional (PQAF) and relevant national quality assurance standards.

Review

Regional qualifications exist to meet the needs of learners and the broader Pacific community and economy. All qualifications need to be reviewed periodically to ensure they remain useful, relevant and fit for purpose. Qualifications in sectors where there is rapid change such as Resilience (CCA & DRR) may need to be reviewed more frequently than those sectors where the pace of change is slower.

An initial round of review for the certificate levels 1 to 4 regional qualifications in Resilience will focus on ensuring relevance and appropriateness in a regional and national context. The initial review will be undertaken **within two years** of granting of regional accreditation. Regional qualifications in Resilience will thereafter be reviewed every **three years** to ensure they remain aligned with changing Pacific regional and national priorities. Any person or organization may contribute to the review of this qualification by sending feedback to the Pacific regional quality assurance agency EQAP, or a national education quality agency.

This table indicates the date of accreditation to be noted in the review process.

Accrediting Agency	Version	Review Date
Education Quality Assessment Programme (The Pacific Community)	1	August 2018

Qualification Developer

This qualification was developed by the Pacific Regional Resilience Industry Standards Advisory Committee (ISAC) to EQAP.

Pacific Regional Qualifications Unit

Educational Quality and Assessment Programme (EQAP)
Address: Level 5, Vanua House, Victoria Parade, Suva.
P.O Box 2083 Government Buildings, Suva, Fiji
Phone:(+679) 337 8517
Email: EQAP@spc.int

Regional Certificate 2 in Resilience

Regional Certificate 2 in Resilience

(Climate Change Adaptation & Disaster Risk Reduction/CCA & DRR)

The Certificate 2 in Resilience is a generic qualification aimed at those who may already be working in a field related to Resilience (CCA & DRR), or those who wish to pursue a career in Resilience. Unit standards are applied across diverse fields of Resilience.

	Compulsory Unit Standards
Level 1 credits	-
Level 2 credits	36
Level 3 credits	6
Level 4 credits	-
Minimum totals	**42**

Credit Value:

One credit is equivalent to ten notional learning hours. Notional learning hours include: direct contact time with teachers and trainers (directed learning), time spent in studying, doing assignments, and undertaking practical tasks (self-directed/work related), time spent in assessment.

Resilience

The Pacific island states are particularly vulnerable to the adverse effects of climate change. People living in the many island countries are already suffering from extreme weather events such as cyclones, droughts, heavy rainfall and floods, and their effects, for example coastal erosion and – especially on the atolls – water shortages. The predicted rise in sea levels, altered precipitation patterns, higher temperatures and acidification of the ocean will exacerbate these risks in the coming decades. This jeopardises the livelihoods of the people, most of whom are engaged in agriculture, forestry and fishing and are thus dependent on natural resources. A further problem for the Pacific island countries is their heavy dependence on fossil fuels for energy production. Extreme weather events also have a particularly detrimental impact on health and tourism. The effects of climate change and possible mitigation and adaptation strategies are increasingly being incorporated into policy frameworks and regulations. However, information and knowledge management, and the monitoring and coordination of these measures at regional and national level are in need of improvement in many respects.

The purpose of the certificate level qualifications in Resilience is to use the formal vocational education sector to facilitate building national and regional capacity to: raise the level of awareness of Resilience (CCA&DRR), and develop technical skills and knowledge to accurately monitor and assess impacts of climate change and natural hazards; identify solutions to reduce these risks; and plan, manage and implement risk reduction projects to reduce damage and losses. These qualifications contribute to the developing a Pacific Community whose people are educated and healthy and manage their resources in a sustainable way.

The field of Resilience includes a broad spectrum of skills and knowledge pertaining to Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR). Certificates 1 and 2 in Resilience are generic qualifications. Certificates 3 and 4 in Resilience offer strands in elective fields: Agriculture, Coastal Management, Energy & Resilient construction, Fisheries, Forestry, Health, Tourism, Water Resources.

All outcomes for this Certificate 2 are compulsory covering the following key job roles:

- **Workplace Health and Safety knowledge:** includes identifying and reporting workplace hazards,
- **Using tools, equipment and materials**: relating to observation of climate change impacts, hazards and disasters, such as maps and weather instruments,
- **Identifying indicators of climate change and disasters and participate in the implementation of resilience building projects:** report exposure and vulnerability factors, conduct and monitor tasks to implement CCA and/or DRR projects
- **Communicating with stakeholders:** to identify problems, use appropriate technology to convey information effectively, use appropriate culutral protocols to facilitate discussion and resolve conflicts if needed.

Flexibility and Recognition of Prior Learning:

This qualification can be achieved in different settings including the community, workplace and education institutions. Learners can achieve competence in ways most suited to their educational, work or cultural needs and aspirations.

Recognition of prior learning (RPL) acknowledges the skills and knowledge gained from workplace, community experiences or informal training which includes courses or study previously undertaken. Assessment for RPL must be undertaken by a qualified assessor

Entry level/pre-requisites

Entry to the Certificate 2 level qualification requires **either completion of the Certificate 1 in Resilience or equivalent work/volunteer experience.** The equivalent experience requires evidence of relevant activities undertaken in work and/or community environments within the past 12 months.

Credit Transfer Arrangements

The Pacific Qualification Framework allows for credit recognition and transfer from other regional or national qualifications through a process of mutual recognition. Credit transfer is a process whereby credits already achieved for one qualification are recognized towards a new qualification. <u>If a learner has obtained competency in the Certificate 1 in Resilience (within the past 3 years) they will receive a credit for unit standards which have been successfully completed</u>

Pathways

On completion of the Certificate 2 in Resilience graduates can progress to further learning in Resilience or other industry areas which provide the opportunity to gain higher level technical skills and knowledge and contribute to the workforce.

Graduate Profile

A graduate of a level 2 certificate is able to: demonstrate basic factual and/or operational knowledge of a field of work or study related to Resilience, apply known solutions to familiar problems, apply standard processes relevant to the field of work or study, apply literacy and numeracy skills relevant to the role in the field of work or study, work under general supervision, demonstrate some responsibility for own learning and performance, collaborate with others.

On completion of a Certificate 2 in Resilience graduates will have broad basic knowledge and skills to engage as competent community members and employees. A graduate would be competent to undertake roles such as: assisting with project development proposals and reporting, gathering relevant information and data for monitoring and reporting purposes, providing general communications and services to communities, government and development partners, and developing community awareness on matters related to vulnerability, climate change adaptation, mitigation and disaster risk reduction, support implementation and monitoring of resilience building (CCA and DRR) projects.

In particular, holders of this qualification are able to:

- Create community awareness on the causes of climate change and disasters.
- Assist climate change and disaster risk officers collect field data.
- Conduct vulnerability assessments using a combination of quantitative and qualitative research tools and technologies.
- Communicate effectively with community stakeholders using appropriate protocols
- Apply and promote Traditional Knowledge in Resilience (CCA& DRR) interventions

Requirements: A Certificate 2 in Resilience comprises 8 compulsory Unit Standards

5 Generic Skills Units:. *The learning and assessment activities in these unit standards will applied in different fields of Resilience.*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CG3006	Apply Workplace Health & Safety (WHS) procedures	3	6
CG2001	Participate in a team towards an objective 2	4	
CG2002	Collect, present and apply workplace information 2	4	
CG2004	Identify Institutional Frameworks Used At Local, Government, Regional And International Level in Resilience (CCA & DRR)	2	4
CG2003	Identify and use appropriate Cultural Protocols for communities	2	6

PLUS

3 Core Skills Units

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR2002	Identify and Describe Climate Change, Hazards and Disaster Related Risks	2	6
CR2003	Apply basic knowledge of Resilience (CCA & DRR) in community projects	2	6
CR2001	Apply Environmental Management tools to assess risk and/or vulnerability in Resilience (CCA & DRR)	2	6

Regional Registration Information

Provider Arrangements

Accredited providers/assessors need to apply to the regional accrediting agency (EQAP) to deliver this qualification. In addition, if the Pacific country hosting delivery has national quality and/or registration requirements the provider must comply with the national application processes.

Version

This is the first version of the Certificate 2 in Resilience. This qualification and the unit standards were provisionally endorsed on 19 May 2016 by the Pacific Regional Resilience Industry Standards Advisory Committee (ISAC) in Nadi, Fiji. Final endorsement was obtained in August 2016 through the web-based communication 'Basecamp'.

Certification & Quality Assurance

This qualification will be awarded by the regional accrediting agency on behalf of the Pacific Regional Resilience Industry Standards Advisory Committee. It may also be awarded by a Pacific island national accrediting agency and/or an accredited training organisation.

Workplace assessors assessing against regional unit standards must comply with the Pacific regional (PQAF) and relevant national quality assurance standards.

Review

Regional qualifications exist to meet the needs of learners and the broader Pacific community and economy. All qualifications need to be reviewed periodically to ensure they remain useful, relevant and fit for purpose. Qualifications in sectors where there is rapid change such as Resilience (CCA & DRR) may need to be reviewed more frequently than those sectors where the pace of change is slower.

An initial round of review for the certificate levels 1 to 4 regional qualifications in Resilience will focus on ensuring relevance and appropriateness in a regional and national context. The initial review will be undertaken **within two years** of granting of regional accreditation.

Regional qualifications in Resilience will thereafter be reviewed every **three years** to ensure they remain aligned with changing Pacific regional and national priorities. Any person or organization may contribute to the review of this qualification by sending feedback to the Pacific regional quality assurance agency EQAP, or a national education quality agency.

This table indicates the date of accreditation to be noted in the review process.

Accrediting Agency	Version	Review Date
Education Quality Assessment Programme (The Pacific Community)	1	August 2018

Qualification Developer

This qualification was developed by the Pacific Regional Resilience Industry Standards Advisory Committee (ISAC) to EQAP.

Pacific Regional Qualifications Unit

Educational Quality and Assessment Programme (EQAP)
Address: Level 5, Vanua House, Victoria Parade, Suva.
P.O Box 2083 Government Buildings, Suva, Fiji
Phone:(+679) 337 8517
Email: EQAP@spc.int

Regional Certificate 3 in Resilience

Regional Certificate 3 in Resilience

(Climate Change Adaptation & Disaster Risk Reduction/CCA & DRR)

The Certificate 3 in Resilience is aimed at those who may already be working in a field related to Resilience (CCA & DRR), or those with relevant work experience who wish to pursue a career in Resilience. Learners at this level must elect to study in one of the following fields: ***Agriculture, Coastal Management, Energy & Infrastructure, Fisheries, Forestry, Health, Tourism, Water Resources.***

	Compulsory Unit Standards
Level 1 credits	-
Level 2 credits	-
Level 3 credits	36
Level 4 credits	4
Minimum totals	**40**

Credit Value:

One credit is equivalent to ten notional learning hours. Notional learning hours include: direct contact time with teachers and trainers (directed learning), time spent in studying, doing assignments, and undertaking practical tasks (self-directed/work related), time spent in assessment.

Resilience

The Pacific island states are particularly vulnerable to the adverse effects of climate change. People living in the many island countries are already suffering from extreme weather events such as cyclones, droughts, heavy rainfall and floods, and their effects, for example coastal erosion and – especially on atoll islands – water shortages. The predicted rise in sea levels, altered precipitation patterns, higher temperatures and acidification of the ocean, among other impacts, will exacerbate these risks in the coming decades. This jeopardises the livelihoods of the people, most of whom are engaged in agriculture, forestry and fishing and are thus dependent on natural resources. A further problem for the Pacific island countries is their heavy dependence on fossil fuels for energy production. Extreme weather events also have a particularly detrimental impact on health and tourism. The effects of climate change and possible mitigation and adaptation strategies are increasingly being incorporated into policy frameworks and regulations. However, information and knowledge management, and the monitoring and coordination of these measures at regional and national level are in need of improvement in many respects.

The purpose of the certificate level 3 qualifications in Resilience is to use the formal vocational education sector to facilitate building national and regional capacity to: raise the level of awareness of Resilience (CCA&DRR), and develop technical skills and knowledge to accurately monitor and assess impacts of climate change and natural hazards; identify solutions to reduce these risks; and plan, manage and implement risk reduction projects to reduce damage and losses. These qualifications contribute to developing a Pacific Community whose people are educated and healthy and manage their resources in a sustainable way.

The field of Resilience includes a broad spectrum of skills and knowledge pertaining to Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR). Certificates 1 and 2 in Resilience are generic qualifications. Certificates 3 and 4 in Resilience offer strands in elective fields: Agriculture, Coastal Management, Energy & Infrastructure, Fisheries, Forestry, Health, Tourism, Water Resources.

All outcomes for this Certificate 3 are compulsory covering the following key job roles:
Workplace Health and Safety knowledge: includes identifying and reporting workplace hazards,
Using tools, equipment and materials: relating to observation of climate change impacts, hazards and disasters, such as maps and weather instruments,
Reporting indicators of climate change and disasters and participate in the implementation of resilience building projects: report exposure and vulnerability factors, conduct and monitor tasks to implement CCA and/or DRR projects
Communicating with stakeholders: to identify problems, use appropriate technology to convey information effectively, use appropriate cultural protocols to facilitate discussion and resolve conflicts if needed.

Flexibility and Recognition of Prior Learning:
This qualification can be achieved in different settings including the community, workplace and education institutions. Learners can achieve competence in ways most suited to their educational, work or cultural needs and aspirations.

Recognition of prior learning (RPL) acknowledges the skills and knowledge gained from workplace, community experiences or informal training which includes courses or study previously undertaken. Assessment for RPL must be undertaken by a qualified assessor

Entry level/pre-requisites
Entry to the Certificate 3 level qualification requires **either completion of the Certificate 2 in Resilience or equivalent work/volunteer experience.** The equivalent experience requires evidence of relevant activities undertaken in work and/or community environments within the past 12 months.

Credit Transfer Arrangements
The Pacific Qualification Framework allows for credit recognition and transfer from other regional or national qualifications through a process of mutual recognition. Credit transfer is a process whereby credits already achieved for one qualification are recognized towards a new qualification. <u>If a learner has obtained competency in the Certificate 2 in Resilience (within the past 3 years) they will receive a credit for unit standards which have been successfully completed</u>

Pathways

On completion of the Certificate 3 in Resilience graduates can progress to further learning in Resilience or other industry areas which provide the opportunity to gain higher level technical skills and knowledge and contribute to the workforce.

Graduate Profile

A graduate of a level 3 certificate is able to: demonstrate some operational and theoretical knowledge in a field of work or study related to Resilience, select from and apply a range of known solutions to familiar problems, apply a range of standard processes relevant to the field of work or study, apply a range of communication skills, including appropriate cultural protocols relevant to the role in the field of work or study, apply literacy and numeracy skills relevant to the role in the field of work or study, work under limited supervision, demonstrate major responsibility for own learning and performance, adapt own behavior when interacting with others, contribute to team performance.

Certificate 3 in Resilience graduates will have broad basic knowledge and skills to engage as competent community members and employees. A graduate would be competent to undertake roles such as: contributing to project development proposals and reporting, gathering relevant information and data for monitoring and reporting purposes, providing general communications and services to communities, government and development partners, and developing community awareness on matters related to vulnerability, climate change adaptation, mitigation and disaster risk reduction, support implementation and monitoring of resilience building (CCA & DRR) projects.

In particular, holders of this qualification are able to:
Create community awareness on the causes of climate change, hazards and disasters.
Assist climate change and disaster risk management officers collect field data.
Conduct vulnerability assessments using a combination of quantitative and qualitative research tools and technologies.
Communicate effectively with community stakeholders using appropriate protocols
Apply and promote Traditional Knowledge in Resilience (CCA& DRR) interventions
Implement work plans and work effectively in teams
Master the use of survey tools and technologies designed to measure the impact of climate change and disasters in the elected field of Resilience
Analyse both quantitative and qualitative data and prepare field reports on impacts of Resilience (CCA & DRR)

Requirements: A Certificate 3 in Resilience comprises 7 compulsory Unit Standards

5 Generic Skills Units. *The learning and assessment activities in these unit standards will be applied in the elected field of Resilience: Agriculture, Coastal Management, Energy & Infrastructure, Fisheries, Forestry, Health, Tourism, Water Resources*

ID	Unit Title	PQF Level	PQF Credit
CG3006	Apply Workplace Health & Safety (WHS) procedures	3	6
CG4001	Contribute to team effectiveness in the workplace 4	4	
CG3004	Communicate with a Pacific Island community on matters of Resilience	3	4
CG3007	Analyse Institutional Frameworks used at local, government, regional and international levels in Resilience (CCA & DRR)	3	4
CG3005	Carry simple project activities in Resilience	3	6

PLUS

2 Core Skills Units from the following elected fields in Resilience

AGRICULTURE

The learner will gain skills and knowledge on the climate change and natural hazards impact on subsistence and commercial agriculture, in particular regarding food security and biodiversity. Learning includes understanding and exploring the 'agro-culture' in the Pacific region.

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the agriculture sector;*
- *Identify with local communities options on appropriate crops and livestock and sustainable agricultural management practices, including traditional practices, to reduce the identified risks*
- *Implement resilience building projects in the agriculture sector to improve food security and sustainable development of the agriculture sector*
- *Support local systems to adapt and mitigate environmental hazards and climate sensitive diseases affecting crops and livestock*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting the agriculture sector*

ID	Unit Title	PQF Level	PQF Credit
CR3101A	Conduct Risk Assessment for Climate Change and Hazards (Agriculture)	3	8
CR3102A	Select and implement risk reduction and/or adaptation measures (Agriculture)	3	8

COASTAL MANAGEMENT

The learner will gain an understanding of how coastal environments constantly change as a result of dynamic natural processes but also as a result of natural hazards and climate change and on the different options, including integrated coastal management, to reduce the effects of these changes on coastal ecosystems and communities. An understanding of integrated coastal management includes biodiversity, waste management, infrastructure development and marine resources.

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the coastal area*
- *Identify with local communities information on the causes of costal changes and the options to protect coastal ecosystems, communities and infrastructures*
- *Provide information to local communities on appropriate sustainable coastal management practices to protect the biodiversity of the marine and terrestrial coastal ecosystem*
- *Support local systems to adapt and mitigate environmental and climate-change related risks hazards and climate sensitive diseases affecting the marine ecosystem*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting coastal areas*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR3101CM	Conduct Risk Assessment for Climate Change and Hazards (Coastal Management)	3	8
CR3102CM	Select and implement risk reduction and/or adaptation measures (Coastal Management)	3	8

ENERGY and INFRASTRUCURE

The learner will gain an understanding of the processes for the Pacific region in moving away from high fossil fuel dependence to renewable energy for infrastructure of housing, roads and buildings. Another aspect of the learning will include the risks faced by infrastructure in the Pacific Island Countries, including energy infrastructure, due to natural hazards and climate change.

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the energy and infrastructure sectors*
- *Identify with local communities options on sustainable appropriate climate-sensitive building materials, strategies and resources to reduce the identified risks*
- *Implement resilience building projects in the energy and infrastructure sectors to make them more resilient to climate change and hazards and more energy efficient*
- *Support local communities to systems to adapt and mitigate environmental hazards through integrating renewable energy in buildings and developing infrastructure to build resilience*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting local community access to services through sustainable housing, buildings and roads.*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR3101EI	Conduct Risk Assessment for Climate Change and Hazards (Energy & Infrastructure)	3	8
CR3102EI	Select and implement risk reduction and/or adaptation measures (Energy & Infrastructure)	3	8

FISHERIES

The learner will gain an understanding of the fisheries sector as two distinct areas, oceanic and coastal fisheries and the risks faced by these areas due to hazards and climate change impacts. Learning includes sustainable management of marine resources under sustainable fisheries to improve food security.

The holder of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the fisheries sector*
- *Identify with local communities options on sustainable appropriate options, strategies and resources to reduce the identified risks*
- *Provide information to community and stakeholders on sustainable management and development of subsistence and commercial fisheries, including traditional practices*
- *Support local communities in understanding and applying sustainable fishing practices to improve food security*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting coastal and marine ecosystems.*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR3101Fi	Conduct Risk Assessment for Climate Change and Hazards (Fisheries)	3	8
CR3102Fi	Select and implement risk reduction and/or adaptation measures (Fisheries)	3	8

FORESTRY

The learner will gain an understanding of how sustainable management of forest ecosystems safeguards the natural and cultural environment of the rural population in the long term. Learning includes strategies for forest conservation, reforestation and biodiversity conservation.

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the forestry sector*
- *Identify with local communities options on appropriate biodiversity and integrated forestry practices*
- *Support local systems to adapt and mitigate environmental hazards and climate sensitive affecting forestry*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting local forestry*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR3101Fo	Conduct Risk Assessment for Climate Change and Hazards (Forestry)	3	8
CR3102Fo	Select and implement risk reduction and/or adaptation measures (Forestry)	3	8

HEALTH

The learner will gain an understanding of health-sensitive impacts of hazard and climate change such as stress, trauma, poor nutrition, the spread of vector borne diseases and other hazard and climate change sensitive health impacts on water

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the health sector*
- *Provide information to communities to address health risks of climate change*
- *Support routine systems for surveillance of environmental hazards and climate sensitive diseases*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting health*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR3101H	Conduct Risk Assessment for Climate Change and Hazards (Health)	3	8
CR3102H	Select and implement risk reduction and/or adaptation measures (Health)	3	8

TOURISM

The learner will gain an understanding of the twofold relationship between hazards and climate change and tourism: hazard and climate change impacts on tourism and tourism impacts on vulnerability to climate change and impacts. Learning will include understanding specific components such as the effect of the decline in ecosystems (e.g.: coral reefs) on tourism and the development of business continuity plans

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the tourism sector*
- *Contribute to promoting tourism infrastructure that is resilient to hazards and climate change (including renewable energy sources)*
- *Support tourism practices which adapt, mitigate and protect the environmental hazards, including business continuity plans*
- *Provide information to stakeholders on local eco-tourism practices which support global climate change adaption strategies*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting the tourism sector*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR3101T	Conduct Risk Assessment for Climate Change and Hazards (Tourism)	3	8
CR3102T	Select and implement risk reduction and/or adaptation measures (Tourism)	3	8

WATER RESOURCES

The learner will gain an understanding of freshwater resources and their vulnerability to hazards and climate change. Learning includes understanding hazards and climate change impacts on: water scarcity, water quality, underground freshwater sources, water storage, water usage, saving water.

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks on water resources*
- *Identify with local communities options on sustainable appropriate options, strategies and resources to reduce the identified risks*
- *Contribute to development of community awareness and knowledge on sustainable water management practices for domestic purposes such as SODIS (water purification)*
- *Support sustainable domestic, commercial and industrial water management practices*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting water resources*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR3101W	Conduct Risk Assessment for Climate Change and Hazards (Water Resources)	3	8
CR3102W	Select and implement risk reduction and/or adaptation measures (Water Resources)	3	8

Regional Registration Information

Provider Arrangements

Accredited providers/assessors need to apply to the regional accrediting agency (EQAP) to deliver this qualification. In addition, if the Pacific country hosting delivery has national quality and/or registration requirements the provider must comply with the national application processes.

Version

This is the first version of the Certificate 3 in Resilience. This qualification and the unit standards were provisionally endorsed on 19 May 2016 by the Pacific Regional Resilience Industry Standards Advisory Committee (ISAC) in Nadi, Fiji. Final endorsement was obtained in August 2016 through the web-based communication 'Basecamp'.

Certification & Quality Assurance

This qualification will be awarded by the regional accrediting agency on behalf of the Pacific Regional Resilience Industry Standards Advisory Committee. It may also be awarded by a Pacific island national accrediting agency and/or an accredited training organisation.

Workplace assessors assessing against regional unit standards must comply with the Pacific regional (PQAF) and relevant national quality assurance standards.

Review

Regional qualifications exist to meet the needs of learners and the broader Pacific community and economy. All qualifications need to be reviewed periodically to ensure they remain useful, relevant and fit for purpose. Qualifications in sectors where there is rapid change such as Resilience (CCA & DRR) may need to be reviewed more frequently than those sectors where the pace of change is slower.

An initial round of review for the certificate levels 1 to 4 regional qualifications in Resilience will focus on ensuring relevance and appropriateness in a regional and national context. The initial review will be undertaken **within two years** of granting of regional accreditation. Regional qualifications in Resilience will thereafter be reviewed every **three years** to ensure they remain aligned with changing Pacific regional and national priorities. Any person or organization may contribute to the review of this qualification by sending feedback to the Pacific regional quality assurance agency EQAP, or a national education quality agency.

This table indicates the date of accreditation to be noted in the review process.

Accrediting Agency	Version	Review Date
Education Quality Assessment Programme (The Pacific Community)	1	August 2018

Qualification Developer

This qualification was developed by the Pacific Regional Resilience Industry Standards Advisory Committee (ISAC) to EQAP.

Pacific Regional Qualifications Unit

Educational Quality and Assessment Programme (EQAP)
Address: Level 5, Vanua House, Victoria Parade, Suva.
P.O Box 2083 Government Buildings, Suva, Fiji
Phone:(+679) 337 8517
Email: EQAP@spc.int

Regional Certificate 4 in Resilience

Regional Certificate 4 in Resilience

(Climate Change Adaptation & Disaster Risk Reduction/CCA & DRR)

The Certificate 4 in Resilience is aimed at those who may already be working in a field related to Resilience (CCA & DRR), or those with relevant work experience who wish to pursue a career in Resilience. Learners at this level must elect to study in one of the following fields: ***Agriculture, Coastal Management, Energy & Infrastructure, Fisheries, Forestry, Health, Tourism, Water Resources.***

	Compulsory Unit Standards
Level 1 credits	-
Level 2 credits	-
Level 3 credits	-
Level 4 credits	40
Level 5 credits	3
Minimum totals	**43**

Credit Value:

One credit is equivalent to ten notional learning hours. Notional learning hours include: direct contact time with teachers and trainers (directed learning), time spent in studying, doing assignments, and undertaking practical tasks (self-directed/work related), time spent in assessment.

Resilience

The Pacific island states are particularly vulnerable to the adverse effects of climate change. People living in the many island countries are already suffering from extreme weather events such as cyclones, droughts, heavy rainfall and floods, and their effects, for example coastal erosion and – especially on atoll islands – water shortages. The predicted rise in sea levels, altered precipitation patterns, higher temperatures and acidification of the ocean, among other impacts, will exacerbate these risks in the coming decades. This jeopardises the livelihoods of the people, most of whom are engaged in agriculture, forestry and fishing and are thus dependent on natural resources. A further problem for the Pacific island countries is their heavy dependence on fossil fuels for energy production. Extreme weather events also have a particularly detrimental impact on health and tourism. The effects of climate change and possible mitigation and adaptation strategies are increasingly being incorporated into policy frameworks and regulations. However, information and knowledge management, and the monitoring and coordination of these measures at regional and national level are in need of improvement in many respects.

The purpose of the certificate level 3 qualifications in Resilience is to use the formal vocational education sector to facilitate building national and regional capacity to: raise the level of awareness of Resilience (CCA&DRR), and develop technical skills and knowledge to accurately monitor and assess impacts of climate change and natural hazards; identify solutions to reduce these risks; and plan, manage and implement risk reduction projects to reduce damage and losses. These qualifications contribute to developing a Pacific Community whose people are educated and healthy and manage their resources in a sustainable way.

The field of Resilience includes a broad spectrum of skills and knowledge pertaining to Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR). Certificates 1 and 2 in Resilience are generic qualifications. Certificates 3 and 4 in Resilience offer strands in elective fields: Agriculture, Coastal Management, Energy & Infrastructure, Fisheries, Forestry, Health, Tourism, Water Resources.

All outcomes for this Certificate 3 are compulsory covering the following key job roles:

- **Workplace Health and Safety knowledge:** includes identifying and reporting workplace hazards,
- **Using tools, equipment and materials**: relating to observation of climate change impacts, hazards and disasters, such as maps and weather instruments,
- **Reporting indicators of climate change and disasters and participate in the implementation of resilience building projects:** report exposure and vulnerability factors, conduct and monitor tasks to implement CCA and/or DRR projects
- **Communicating with stakeholders:** to identify problems, use appropriate technology to convey information effectively, use appropriate cultural protocols to facilitate discussion and resolve conflicts if needed.

Flexibility and Recognition of Prior Learning:

This qualification can be achieved in different settings including the community, workplace and education institutions. Learners can achieve competence in ways most suited to their educational, work or cultural needs and aspirations.

Recognition of prior learning (RPL) acknowledges the skills and knowledge gained from workplace, community experiences or informal training which includes courses or study previously undertaken. Assessment for RPL must be undertaken by a qualified assessor

Entry level/pre-requisites

Entry to the Certificate 4 level qualification requires **either completion of the Certificate 3 in Resilience or equivalent work/volunteer experience.** The equivalent experience requires evidence of relevant activities undertaken in work and/or community environments within the past 12 months.

Credit Transfer Arrangements

The Pacific Qualification Framework allows for credit recognition and transfer from other regional or national qualifications through a process of mutual recognition. Credit transfer is a process whereby credits already achieved for one qualification are recognized towards a new qualification. <u>If a learner has obtained competency in the Certificate 3 in Resilience (within the past 3 years) they will receive a credit for unit standards which have been successfully completed</u>

Pathways

On completion of the Certificate 4 in Resilience graduates can progress to further learning in Resilience or other industry areas which provide the opportunity to gain higher level technical skills and knowledge and contribute to the workforce.

Graduate Profile

A graduate of a level 4 certificate is able to: demonstrate broad operational and theoretical knowledge in a field of work or study related to Resilience, select and apply solutions to familiar problems and sometimes unfamiliar problems, select and apply a range of standard and non-standard processes relevant to the field of work or study, apply a range of communication skills relevant to the field of work or study, demonstrate the self-management of learning and performance under broad guidance, demonstrate some responsibility for the performance of others..

Certificate 4 in Resilience graduates will have broad basic knowledge and skills to engage as competent community members and employees. A graduate would be competent to undertake roles such as: designing to project proposals, inlcuding logframes, budgets, and timelines, undertaking a cost-benefit analysis, meeting project and organisation reporting requirements, gathering relevant information and data for monitoring and reporting purposes, providing general and specific communications and services to communities, government and development partners, and developing community awareness on matters related to vulnerability, climate change adaptation, mitigation and disaster risk reduction, support implementation and monitoring of resilience building (CCA & DRR) projects.

In particular, holders of this qualification are able to:

- Create community awareness on the causes of climate change, hazards and disasters.
- Design project proposals for Resilience, coordinate, implement, monitor, and report project activities to meet stakeholder requirements.
- Undertake a cost-benefit analysis for a project in Resilience
- Assist climate change and disaster risk management officers collect field data.
- Conduct vulnerability assessments using a combination of quantitative and qualitative research tools and technologies.
- Communicate effectively with community stakeholders using appropriate protocols
- Apply and promote Traditional Knowledge in Resilience (CCA& DRR) interventions
- Implement work plans and work effectively in teams
- Master the use of survey tools and technologies designed to measure the impact of climate change and disasters in the elected field of Resilience
- Analyse both quantitative and qualitative data and prepare cost-benefit and field reports on impacts of Resilience (CCA & DRR)

Requirements: A Certificate 4 in Resilience comprises 8 compulsory Unit Standards

6 Generic Skills Units. *The learning and assessment activities in these unit standards will be applied in the elected field of Resilience: Agriculture, Coastal Management, Energy & Infrastructure, Fisheries, Forestry, Health, Tourism, Water Resources*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CG4005	Contribute to WHS Hazard Identification and Risk Assessment for work sites	4	6
CG4001	Contribute to team effectiveness in the workplace	4	4
CG4002	Coordinate effective workplace communications	4	4
CG4006	Analyse Institutional Frameworks Used At Local, Government, Regional And International Level in Resilience (CCA & DRR)	4	4
CG4003	Administer and support projects in Resilience	4	6
CG4004	Identify, describe and analyse costs and benefits for a project in Resilience	5	3

PLUS

2 Core Skills Units from the following elected fields in Resilience

AGRICULTURE

The learner will gain skills and knowledge on the climate change and natural hazards impact on subsistence and commercial agriculture, in particular regarding food security and biodiversity. Learning includes understanding and exploring the 'agro-culture' in the Pacific region.

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the agriculture sector;*
- *Identify with local communities options on appropriate crops and livestock and sustainable agricultural management practices, including traditional practices, to reduce the identified risks*
- *Implement resilience building projects in the agriculture sector to improve food security and sustainable development of the agriculture sector*
- *Support local systems to adapt and mitigate environmental hazards and climate sensitive diseases affecting crops and livestock*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting the agriculture sector*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR4101A	Design & organise Risk Assessment for Climate Change and Hazards (Agriculture)	4	8
CR4102A	Design and implement risk reduction and/or adaptation measures (Agriculture)	4	8

COASTAL MANAGEMENT

The learner will gain an understanding of how coastal environments constantly change as a result of dynamic natural processes but also as a result of natural hazards and climate change and on the different options, including integrated coastal management, to reduce the effects of these changes on coastal ecosystems and communities. An understanding of integrated coastal management includes biodiversity, waste management, infrastructure development and marine resources.

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the coastal area*
- *Identify with local communities information on the causes of coastal changes and the options to protect coastal ecosystems, communities and infrastructures*
- *Provide information to local communities on appropriate sustainable coastal management practices to protect the biodiversity of the marine and terrestrial coastal ecosystem*
- *Support local systems to adapt and mitigate environmental and climate-change related risks hazards and climate sensitive diseases affecting the marine ecosystem*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting coastal areas*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR4101CM	Design & organise Risk Assessment for Climate Change and Hazards (Coastal Management)	4	8
CR4102CM	Design and implement risk reduction and/or adaptation measures (Coastal Management)	4	8

ENERGY and INFRASTRUCURE

The learner will gain an understanding of the processes for the Pacific region in moving away from high fossil fuel dependence to renewable energy for infrastructure of housing, roads and buildings. Another aspect of the learning will include the risks faced by infrastructure in the Pacific Island Countries, including energy infrastructure, due to natural hazards and climate change.

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the energy and infrastructure sectors*
- *Identify with local communities options on sustainable appropriate climate-sensitive building materials, strategies and resources to reduce the identified risks*
- *Implement resilience building projects in the energy and infrastructure sectors to make them more resilient to climate change and hazards and more energy efficient*
- *Support local communities to systems to adapt and mitigate environmental hazards through integrating renewable energy in buildings and developing infrastructure to build resilience*
- *Contribute to strengthened preparedness for response to environmental hazards and*

climate change impacts affecting local community access to services through sustainable housing, buildings and roads.

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR4101EI	Design & organise Risk Assessment for Climate Change and Hazards (Energy & Infrastructure)	4	8
CR4102EI	Design and implement risk reduction and/or adaptation measures (Energy & Infrastructure)	4	8

FISHERIES

The learner will gain an understanding of the fisheries sector as two distinct areas, oceanic and coastal fisheries and the risks faced by these areas due to hazards and climate change impacts. Learning includes sustainable management of marine resources under sustainable fisheries to improve food security.

The holder of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the fisheries sector*
- *Identify with local communities options on sustainable appropriate options, strategies and resources to reduce the identified risks*
- *Provide information to community and stakeholders on sustainable management and development of subsistence and commercial fisheries, including traditional practices*
- *Support local communities in understanding and applying sustainable fishing practices to improve food security*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting coastal and marine ecosystems.*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR4101Fi	Design & organise Risk Assessment for Climate Change and Hazards (Fisheries)	4	8
CR4102Fi	Design and implement risk reduction and/or adaptation measures (Fisheries)	4	8

FORESTRY

The learner will gain an understanding of how sustainable management of forest ecosystems safeguards the natural and cultural environment of the rural population in the long term. Learning includes strategies for forest conservation, reforestation and biodiversity conservation.

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the forestry sector*
- *Identify with local communities options on appropriate biodiversity and integrated forestry practices*
- *Support local systems to adapt and mitigate environmental hazards and climate sensitive affecting forestry*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting local forestry*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR4101Fo	Design & organise Risk Assessment for Climate Change and Hazards (Forestry)	4	8
CR4102Fo	Design and implement risk reduction and/or adaptation measures (Forestry)	4	8

HEALTH

The learner will gain an understanding of health-sensitive impacts of hazard and climate change such as stress, trauma, poor nutrition, the spread of vector borne diseases and other hazard and climate change sensitive health impacts on water

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the health sector*
- *Provide information to communities to address health risks of climate change*
- *Support routine systems for surveillance of environmental hazards and climate sensitive diseases*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting health*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR4101H	Design & organise Risk Assessment for Climate Change and Hazards (Health)	4	8
CR4102H	Design and implement risk reduction and/or adaptation measures (Health)	4	8

TOURISM

The learner will gain an understanding of the twofold relationship between hazards and climate change and tourism: hazard and climate change impacts on tourism and tourism impacts on vulnerability to climate change and impacts. Learning will include understanding specific components such as the effect of the decline in ecosystems (e.g.: coral reefs) on tourism and the development of business continuity plans

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks in the tourism sector*
- *Contribute to promoting tourism infrastructure that is resilient to hazards and climate change (including renewable energy sources)*
- *Support tourism practices which adapt, mitigate and protect the environmental hazards, including business continuity plans*
- *Provide information to stakeholders on local eco-tourism practices which support global climate change adaption strategies*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting the tourism sector*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR4101T	Design & organise Risk Assessment for Climate Change and Hazards (Tourism)	4	8
CR4102T	Design and implement risk reduction and/or adaptation measures (Tourism)	4	8

WATER RESOURCES

The learner will gain an understanding of freshwater resources and their vulnerability to hazards and climate change. Learning includes understanding hazards and climate change impacts on: water scarcity, water quality, underground freshwater sources, water storage, water usage, saving water.

Holders of this qualification will be able to:

- *Conduct risk assessment on climate change and hazards related risks on water resources*
- *Identify with local communities options on sustainable appropriate options, strategies and resources to reduce the identified risks*
- *Contribute to development of community awareness and knowledge on sustainable water management practices for domestic purposes such as SODIS (water purification)*
- *Support sustainable domestic, commercial and industrial water management practices*
- *Contribute to strengthened preparedness for response to environmental hazards and climate change impacts affecting water resources*

ID	*Unit Title*	*PQF Level*	*PQF Credit*
CR4101W	Design & organise Risk Assessment for Climate Change and Hazards (Water Resources)	4	8
CR4102W	Design and implement risk reduction and/or adaptation measures (Water Resources)	4	8

Regional Registration Information

Provider Arrangements

Accredited providers/assessors need to apply to the regional accrediting agency (EQAP) to deliver this qualification. In addition, if the Pacific country hosting delivery has national quality and/or registration requirements the provider must comply with the national application processes.

Version

This is the first version of the Certificate 4 in Resilience. This qualification and the unit standards were provisionally endorsed on 19 May 2016 by the Pacific Regional Resilience Industry Standards Advisory Committee (ISAC) in Nadi, Fiji. Final endorsement was obtained in August 2016 through the web-based communication 'Basecamp'.

Certification & Quality Assurance

This qualification will be awarded by the regional accrediting agency on behalf of the Pacific Regional Resilience Industry Standards Advisory Committee. It may also be awarded by a Pacific island national accrediting agency and/or an accredited training organisation.

Workplace assessors assessing against regional unit standards must comply with the Pacific regional (PQAF) and relevant national quality assurance standards.

Review

Regional qualifications exist to meet the needs of learners and the broader Pacific community and economy. All qualifications need to be reviewed periodically to ensure they remain useful, relevant and fit for purpose. Qualifications in sectors where there is rapid change such as Resilience (CCA & DRR) may need to be reviewed more frequently than those sectors where the pace of change is slower.

An initial round of review for the certificate levels 1 to 4 regional qualifications in Resilience will focus on ensuring relevance and appropriateness in a regional and national context. The initial review will be undertaken **within two years** of granting of regional accreditation. Regional qualifications in Resilience will thereafter be reviewed every **three years** to ensure they remain aligned with changing Pacific regional and national priorities. Any person or organization may contribute to the review of this qualification by sending feedback to the Pacific regional quality assurance agency EQAP, or a national education quality agency.

This table indicates the date of accreditation to be noted in the review process.

Accrediting Agency	Version	Review Date
Education Quality Assessment Programme (The Pacific Community)	1	August 2018

Qualification Developer

This qualification was developed by the Pacific Regional Resilience Industry Standards Advisory Committee (ISAC) to EQAP.

Pacific Regional Qualifications Unit

Educational Quality and Assessment Programme (EQAP)
Address: Level 5, Vanua House, Victoria Parade, Suva.
P.O Box 2083 Government Buildings, Suva, Fiji
Phone:(+679) 337 8517
Email: EQAP@spc.int

Pacific Federation of Resilience Professionals (PFRP)
Resilience Industry Standards Advisory Committee

Contact:
Sarah Hemstock: sarahh@spc.int
Tess Martin: tess.martin@usp.ac.fj
Helene Jacot Des Combes: helene.descombe@usp.ac.fj