

DEVELOPING RESILIENCE AND REDUCING VULNERABILITY IN THE PACIFIC: A HEAD-START ON HEALTH DISASTER RISK MANAGEMENT THROUGH SCHOOLS



The Problem and Current Situation

Throughout the Pacific, public health curriculum generally does not include issues related to health disaster risk reduction and management. Teachers of the Pacific lack the proper training and equipment to deliver health or disaster risk management curricula. Furthermore, there is a paucity of culturally appropriate material available to Pacific Island teachers to instruct on these topics. Thus, there is a need: (1) to bring together the region's available information and materials on health disaster risk management (HDRM) for use in schools; (2) to identify, develop and document traditional knowledge of common disasters in the Pacific countries; (3) and to train teachers in health disaster risk management.

Proposed Project

This 5-year project aims to bring available information and materials together (in particular, traditional knowledge). This body of knowledge will form the basis for developing a curriculum on health disaster risk management for schools through out the Pacific island states. Then, to appropriately deliver this curriculum, teachers will be trained and teaching sites will be chosen.

Objectives, Activities and Indicators

Objective 1: An In-Country Situational Analysis of Pacific Island States is conducted.

1. A situational analysis will be done in the pilot Pacific Island states.
2. The analysis will
 - 1) identify the health and disaster risk reduction components of the existing school curriculum
 - 2) identify traditional knowledge and practices in response to common disasters
 - 3) review the status of the current teaching capacity and facilities

- 4) analyze training needs
3. The reports from the situational analysis will be discussed at a national forum of all stakeholders
4. A project secretariat will be chosen.
5. Expected Outcomes: By the end of the first year
 - 1) health and risk reduction components of the current curriculum in participating countries will have been compiled
 - 2) traditional knowledge and practices of participating countries will have been identified
 - 3) an assessment of current teaching capacities, supplies and equipment in participating countries will have been completed
 - 4) a presentation of the results will have been presented at a national forum of all stakeholders
 - 5) a project secretariat will have been chosen

Objective 2: A Health and Disaster Risk Management Curriculum is developed.

1. A Pacific Health and Disaster Risk Management (PHDRM) curriculum will be drafted at the forum of all stakeholders. Each country will be represented to present and discuss their respective needs.
2. The curriculum will be translated in French for French speaking nations.
3. Each Pacific Island nation will be given a copy of the curriculum for review and adaptation for their national use.
4. Expected Outcome: By the end of the second year, using input from the compiled documents, a Pacific Health and Disaster Risk Management curriculum will have been drafted, disseminated, translated and reviewed by individual nations.

Objective 3: Lead teachers are trained and qualified to teach health disaster risk management in their own nation.

1. The PHDRM curriculum will be used as the basis for training teachers at the country level.
2. The project secretariat will organize a training session for one teacher or one teacher supervisor of each nation. These participants will become trainers for their respective nation of the Pacific.
3. Expected Outcome: List of lead teachers who participated to the training.

Objective 4: Twenty teachers are trained in each nation

1. A teaching facility needed to deliver the curriculum will be identified and obtained in each nation.
2. A group of 20 teachers will be trained by the lead teacher of each nation.
4. Expected Outcomes: By the end of year 3
 - 1) at least one teacher or teacher supervisor in each nation will have been trained in the new curriculum
 - 2) a list of the teaching facilities that will be used will be compiled
 - 3) lists of the 20 teachers who attended the session offered by the lead teacher of each nation will have been compiled

Objective 5: The PHDRM Education Project is monitored and evaluated on an on-going basis.

1. Evaluation and monitoring will be the responsibility of the project secretariat. The secretariat will manage this process to ensure timely submission and distribution of reports; organize workshops; and monitor the use of the curriculum.
2. The project will be reviewed bi-annually and the project secretariat will produce a formative evaluation every six months and a summative evaluation at the end of the project.
3. Expected Outcome: Twice each year, the project secretariat will review progress and suggest improvements as appropriate.

Project Collaboration

A number of agencies and organizations at various levels of government (from each of the 22 participating countries) will be involved in the effort as follows:

- * Ministry of Education: will lead and house the project at the national level. At the outset the buy-in of this Ministry is essential for the success of the project.

- * Ministry Of Health: will provide national technical support and will work closely with the Ministry of Education and other national stakeholders to ensure the success of the project.
- * Traditional leaders and their communities: are the repositories of traditional knowledge. They need to be involved at all levels.
- * National Stakeholders: will work closely with the communities and also act in a liaison role. NGOs (Red Cross, PTA, Teachers' Associations, training institutions) will be involved
- * Regional and international organizations (including the South Pacific Board of Education, Secretariat of the Pacific Community, Fiji School of Medicine, the University of the South Pacific, the South Pacific Applied Geoscience Commission (SOPAC), the Centers for Disease Control and Prevention/ Pacific Emergency Health Initiative (CDC/PEHI), and the South Pacific Regional Environment Program (SPREP) will provide expertise in education, environment, disaster risk management, curriculum development and health. The involvement of these organizations is necessary to make this project reflect Pacific perspectives and expertise.

Monitoring/ Evaluation Methodology

At the beginning of the project and throughout its life, the Secretariat will manage and monitor the project. Bi-annual reports will be produced to review the project and provide formative information for project management. At the end of the project, a summative evaluation will be conducted. The reports will be submitted to the various, appropriate national and regional authorities.

Budget Summary

The total cost of the project for the 22 countries of the Pacific is estimated to \$1,351,900 US.

Category	Project Expense (US\$)	In-Kind Contribution (US\$)	Total Budget (US\$)
Personnel (Salary/ Benefits)			
Project Secretariat			
Team leader	30,000/year X 5 years		150,000
Program officer	20,000/year X 5 years		100,000
Administrative Assistant	15,000/year X 5 years		75,000
Consultants (2)	20,000/year X 2 X 5 years		200,000
Travel			
Consultants	Situational analysis in 22 countries X 2 at 2,000		88,000
Trainees	22 countries X 3 people X 2,000		132,000
CDC/PEHI	Advisors' travel @ 10,000 per year X 5 years		50,000
Direct Implementation Costs	Utilities @ 5,000 per year X 5 years		25,000
Equipment	IT, office equipments, and furniture		55,400
Operational Costs	Regional meeting for 22 regional representatives		132,000
	Regional meeting venue		5,000
	In-country meetings X 22 countries @ 10,000 each		220,000
	In-country teacher training for 20 teachers in each of 22 countries @ 20,000 each		440,000
	Teaching facilities for schools in 22 countries @ 5,000 each		110,000
Sub-total Project Expenses			1,782,400
10% contingency			178,240
Total Budget			1,960,640

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