

## SOPAC Economic Publications

To date economic studies have been produced on a number of issues including:

### **Aggregates**

#### **An economic feasibility assessment of lagoon dredging in Funafuti, Tuvalu .**

SOPAC-EU Technical Report ER0137.

[download pdf version \( 1667kB\)](#)

#### **Household aggregate mining on Funafuti, Tuvalu.**

SOPAC-EU Technical Report ER0132.

[download pdf version \(1211kB\)](#)

#### **Economic assessment of the true costs of aggregate mining on Majuro.**

SOPAC Technical Report TR0383.

[download pdf version \(1.34 MB\)](#)

#### **Economic analysis of aggregate mining on Tarawa- Summary Report.**

SOPAC-EU Project Report ER0071b.

[download pdf version \(333.49 KB\)](#)

#### **Economic analysis of aggregate mining on Tarawa- Technical Report.**

SOPAC-EU Project Report ER0071a.

[download pdf version \(2.63 MB\)](#)

#### **Economic analysis of aggregate mining on Tuvalu.**

Forthcoming SOPAC-EU Project Report.

#### **Nauru Technical Report - Economic analysis of establishing a sub-regional aggregate supply in Nauru .**

SOPAC-EU Project Report ER0126r  
(CONFIDENTIAL TO NAURU)

#### **Feasibility assessment: Lagoon dredging on Funafuti**

Angela Ambroz

[download full report \(925kb\)](#)

**An economic feasibility assessment of lagoon dredging in Funafuti, Tuvalu**

Angela Ambroz

[download full report \(152kb\)](#)

**Disaster Management**

**Cook Islands Investment in Disaster Risk Management, April 2011**

SOPAC Economic Report PR23 (Samatha Cook)

[download pdf version](#) (1.4Mb)

**Vanuatu Investment in Disaster Risk Management, April 2011**

SOPAC Economic Report PR21 (Samatha Cook)

[download pdf version](#) (1.6Mb)

**Nadi Floods Economic Costs January 2009.**

SOPAC Technical Report TR0426

[download pdf version \(1010kB\)](#)

**Economic Costs of Natural Disasters in the Pacific Islands Region - Out of Session Paper October 2009 .** [Economic Costs of Natural Disasters in the Pacific Islands Region.pdf \(51.90 Kb\)](#)

**Ba Floods Economic Costs January 2009.**

SOPAC Technical Report TR0425

[download pdf version \(1893kB\)](#)

**Summary - SOCIOECONOMIC FLOOD IMPACT ASSESSMENT IN NADI AND BA, Fiji**

[Summary.pdf \(2.91 Mb\)](#)

**Economic tools for flood risk reduction: bridging the gap between science and policy in Pacific Island countries .**

SOPAC Miscellaneous Report MR0696

[download pdf version \(188kB\)](#)

**An economic analysis of flood warning in Navua, Fiji.**

SOPAC-EU Project Report ER0122.

[download pdf version \(1.54 MB\)](#)

**Economic assessment of flood management options for the lower Vaisigano catchment, Apia, Samoa .**

SOPAC-EU Project Report ER0069g.

[download pdf version \(4.83 MB\)](#)

**Economic Impact of Natural Disasters on Development in the Pacific Volume I: Research Report ,**

SOPAC-AusAID Joint Report JC0179a.

[download pdf version \(3.44 MB\)](#)

**Economic Impact of Natural Disasters on Development in the Pacific Volume II: Economic Assessment Tools .**

SOPAC-AusAID Joint Report JC0179b.

[download pdf version \(2.79 MB\)](#)

**Disaster Risk Management in the Pacific: economic analysis and advocacy.**

SOPAC Miscellaneous Report MR0679.

Paper presented at the Inaugural Pacific Regional disaster Risk Management Meeting for Pacific CEOs of Finance/Planning and Disaster Management, 24-25 July 2008, Nadi.

SOPAC Miscellaneous Report MR0679.

[download pdf version \(121 kB\)](#)

**Relationship between natural disasters and poverty: A Fiji case study.**

SOPAC Miscellaneous Report MR0678

[download pdf version \(121 kB\)](#)

**Reducing flood risk - from Science to Policy: The Samoa Process**

SOPAC Miscellaneous Report MR0693

[download pdf version \(394kB\)](#)

**Disaster risk management in the Pacific: economic analysis and advocacy.**

SOPAC Miscellaneous Report MR0679

[download pdf version \(121kB\)](#)

**Navua Flood Warning System**

Michael Bonte-Grapentin, John Fenwick FagaFiniasi, RajendraPrasad, Joeli Rokovada, Paula Holland, Anthony Blake1

[download full report \(3.2mb\)](#)

**INTEGRATED FLOOD MANAGEMENT IN SAMOA - From Science to Policy**

Amataga Penaia, Ausetalia Titimaea, Jude Kohlase, Filomena Nelson, Netatua Pelesikoti, Michael Bonte-Grapentin, Litea Biukoto, Allison Woodruff & Darren Lumbroso

[download full report \(4.4mb\)](#)

More DRM publications and information can be found in Pacific Disaster Net, the portal for Disaster Risk Management in the Pacific region. <http://www.pacificdisaster.net>

### Energy

#### **Economic Feasibility of the SOPAC-CATD Biofuel Project, Nadave, Tailevu, Fiji Islands.**

SOPAC Miscellaneous Report MR0707

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#### **The potential for Renewable Energy to promote sustainable development in Pacific Island Countries.**

SOPAC Miscellaneous Report MR0692

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#### **Are renewable technologies a cost-effective option for promoting rural electrification in Pacific Island countries ?**

SOPAC Miscellaneous Report MR0695

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#### **The economics of renewable energy for rural electrification in Pacific Island Countries.**

SOPAC Miscellaneous Report MR0694

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#### **Economic and financial analysis of the use of Liquid Petroleum Gas (LPG) for household cooking in Nauru .**

(CONFIDENTIAL TO NAURU)

#### **Potential for Liquid Biofuels in Fiji.**

SOPAC Miscellaneous Report MR0677

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#### **Economic assessment of renewable energy options for rural electrification in Pacific Island Countries .**

SOPAC Technical Report 397.

[download pdf version \(2.04 MB\)](#)

## **Aquaculture**

### **A cost-benefit analysis of projects implemented to assist the black pearl industry in Manihiki Lagoon, Cook Islands .**

SOPAC Technical Report TR371.

[download full report \(2.54 MB\)](#)

## **Water**

### **The DCCEE-IUCN project: assessing the social and economic value of climate change adaptation in the pacific region**

Case study: water quality, quantity and sanitation improvements as an adaptation to climate change, Tuvalu – a preliminary assessment Federica Gerber, Paula Holland and Padma Lal

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### **LEAST-COST ANALYSIS OF WATER SUPPLY OPTIONS IN NIUE** (Integrated Water Resource Management Technical Report) - SOPAC Technical Report 447 - September 2011

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### **AN ECONOMIC ASSESSMENT OF WATER SAFETY PLANNING: NIUE** - SOPAC Technical Report 443 - April 2011

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### **A Preliminary Economic Assessment of Integrated Water Resources Management: Laura, Republic of the Marshall Islands**

SOPAC Technical Report 438 November 2010 (Federica Gerber)

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### **Economic cost of watershed degradation - using economic tools to create incentives to protect watersheds on Rarotonga**

SOPAC Miscellaneous Report MR0697

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## **Miscellaneous**

### **Simple Introduction to Cost-Benefit Analysis**

Prepared for SPREP PACC Cost-Benefit Analysis Workshop: Food Security Pilot Demonstration Projects, Suva, 24-27 January 2012

Paula Holland

[download full report \(327kB\)](#)

### **A Pacific Regional Economics of Climate Change Study: Assessing adaptation needs in Small Island Developing States**

Regional Economics of Climate Change: Practitioners Workshop

Angela Ambroz

[download full report \(415kb\)](#)

### **An Economic Assessment of Drinking Water Safety Planning Koror-Airai, Palau [SOPAC**

Technical Report 440 – Gerber]

[download full report \(394kB\)](#)

### **NIUE TECHNICAL REPORT: Economic Analyses of Bathymetric Data for Niue. SOPAC**

Technical Report ER0149

[download full report \(661kB\)](#)

### **Preliminary assessment of the economics costs and benefits of establishing the maritime boundaries of Pacific islands states .**

SOPAC Technical Report TR0415 (RESTRICTED TO SOPAC MEMBER STATES UNTIL FURTHER NOTICE)

### **Managing non-living resources in the Pacific through economics.**

SOPAC Miscellaneous Report MR0698

[download full report \(104kB\)](#)

### **Benefit-cost analysis for improved natural resource decision-making in Pacific Island Countries .**

Paper presented at the CRISP Economic Workshop, 26-30 May 2008, Suva.

SOPAC Miscellaneous Report MR0675.

[download full report \(1.92kB\)](#)

**The Economics of Drinking Water Safety Planning: An Advocacy Tool**

SOPAC Miscellaneous Report MR0714

[download full report \(1.8Mb\)](#)

**Desalination in Pacific Island Countries - A Preliminary Overview**

SOPAC Technical Report 437

[download full report \(1.2Mb\)](#)