

Greenstone Publications Online@USP

Presentation for the PacLII Workshop

1-2 October 2010

Emalus Campus, Port Vila, Vanuatu

Sin Joan Yee

University Librarian

Digitisation @USP Library (Laucala Campus)



- Began in 2001 (AusAid grant). Aim to provide access by USP's distance students to rare Pacific materials, USP theses, materials that are in demand (e.g. Reserve, Exam papers), and digital resources through commercial online databases.
- Delays due to staffing, copyright and bandwidth problems
- Project gained momentum after problems overcome.
- Now an integral part of the Library operations, fully funded by USP. Two full time staff members who work within the Library Systems team: professional Librarian and library assistant
- Policies and procedures were developed and put in place. Greenstone was selected as the platform to provide access to the digital collections

What is Greenstone?



Greenstone Digital Library Software : a suite of open-source software developed by the New Zealand Digital Library Project at the University of Waikato

- Two interactive interfaces: the *Reader Interface* and the *Librarian Interface*.
- To access the information, Users use the *Reader Interface* which operates within a web-browser.
- Librarians use the *Librarian Interface*, a Java-based graphical user interface, to create and build the collections.
- Most document formats are supported: pdf, rtf, html, plain text, zip, excel, ppt, gif, jif, jpeg, tiff, MP3 audio, mpeg, midi, etc. Plug-ins are available for special library formats such as MARC, CDS/ISIS, Pro-Cite, Dspace, etc.

Why Greenstone?



- Easy to install and relatively easy to use
- No software cost and no licensing fees
- Library friendly searching and browsing features: users can do keyword, author, title, or subject searches; full-text is searchable with OCR
- Training co-sponsored by Unesco (2003, 2005, 2007); also FAO and WHO
- Very good support and service. The developers were the trainers - we can go direct to them for assistance. Based in NZ
- Very active international user group (more than 82 countries), including Pacific users such as SPC

Other Positive Features

- Can be customized/personalised as per user needs (USP Library has only customized the look/brand)
- Can be distributed online or via portable media such as CDs and DVDs (e.g. *PADDLE* and *Directions*)
- Compatible with other library systems and can be linked to library catalogues
- Allows multiple collections, both large and small
- Has a multi-lingual interface: the Librarian Interface offers 4 languages and the *Reader Interface 35*
- Has good security features; produces reports, etc.

Technical Details of Greenstone



- Offered under the GNU General Public Licence and can be downloaded from the Greenstone website <http://www.greenstone.org/> or from a CD-Rom distributed by Unesco.
- Runs on all versions of Windows, Unix/Linux and Mac OS-X. USP Library uses the Windows version which is very easy to install.
- No configuration is required for the default Windows configuration but if configuration is required, the Greenstone website provides documentation at <http://www.nzdl.org>
- Works with standard server software (e.g. Apache)
- Supports OAI-PMH (Open Archive Initiative Protocol for Metadata Harvesting) and METS (Metadata Encoding Standard)

Some Difficulties

- Maintaining the source code can be complex and requires advanced computing and programming skills
- Support at this level is scarce
- Issues arise if Windows drivers and files are missing

Work Process@USPLibrary



- Select the document as per TORs and if necessary, clear copyright
- Scan the document using Adobe Acrobat Professional Resolution; Edit (clean, correct, etc.) and Save
- OCR the document using ABBYY Fine Reader Professional. This process allows the full-text of a document to be searched and retrieved.
- Create Greenstone Collection through the “Librarian Interface”: Design the collection, Create the Metadata, Create the search indexes, Set up and add browsing classifiers, etc.
- Publish the collection online or on portable media (CD, DVD, etc.)

Digital Collections@USPL



Greenstone collections at <http://www.usp.ac.fj/library>:

- *USP Theses* (232 theses - 77,488 pages scanned and OCR'ed)
- *Fiji Parliamentary Papers, 1970-* (more than 2,600 documents)
- *PIMRIS Regional Repository* (371 documents) – Greenstone databases are also being developed with partners (e.g. Ministries of Fisheries) under the ODIN-PIMRIS project sponsored by the IODE (IOC Oceanographic Data Exchange). Training by USPL.

Digital collection available through online library catalogue

- *USP Exam Papers*: 5633 papers (34,340 pages) scanned

In-Progress:

- *Government Documents (Pacific)*: 2991 documents (135,616 pages) scanned
- *Pacific Photographs*: 420 images with text
- *Miscellaneous*: 1642 documents

http://www.usp.ac.fj/library



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http://www.usp.ac.fj/index.php?id=61/

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USP Theses Collection




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Address <http://uspdli.library.usp.ac.fj/cgi-bin/library?i=about&c=usplibr1>



QUALITY, RELEVANCE AND SUSTAINABILITY



USP Theses Collection

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The USP Library's collection is diverse and rich. The Pacific Collection in particular holds 55,000 volumes of work in the following formats : books, newspapers, reports, conference proceedings, reprints, videotapes, microfiches, CD-ROM's, ephemera, maps, posters, government documents. Included in this collection are Theses that cover a wide range of topics pertaining to the Pacific. In academia, a thesis is usually a document that presents an author's research and findings and which is submitted in support of candidature for a professional qualification.

This unique collection brings together original research about the Pacific islands, its people and the environment written by Pacific islanders and non Pacific islanders. The works help facilitate:

- the research and study needs of staff, students and researchers at USP
- the information needs of international and pacific scholars whose scope of study pertain to the Pacific region.

Available in digitized format, are the theses of authors who have given permission for public access to their work. Included in this collection are works that range from 1970's to the current year.

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USP Library Homepage

Clicking this [link](#) will return you to the Library Homepage.

This collection contains **217 documents**, a total of **69 Mb** of indexed text and metadata.

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Fiji Parliamentary Papers, 1970-



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Address <http://uspd.library.usp.ac.fj/cgi-bin/library?p=about&c=govtdocu>



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Fiji Parliamentary Papers

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Welcome to Fiji Parliamentary Papers

About this collection

The purpose of this collection is to preserve and to give access to information otherwise difficult to be easily obtained by tertiary students, staff and researchers residing outside of Suva, Fiji. The contents of this collection include Debates of Fiji Senate and House of Representatives (formerly Council), and Annual Reports from other Statutory Institutions in Fiji. The documents added to this collection begin from 1970.

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How to find information in the Fiji Parliamentary Papers collection

There are 4 ways to find information in this collection:

- search for particular words that appear in the text by clicking the Search link
- browse documents by Subject by clicking the Subject link
- browse documents by Organization by clicking the Organization link
- browse documents by Year by clicking the Year link

This collection contains **322 documents**, a total of **25 Mb** of indexed text and metadata.

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Fiji Parliamentary Papers, 1970- cont'd



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Fiji Parliamentary Papers



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Fiji Parliamentary Papers

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- House of Representatives Papers
- Senate Papers
- Addresses



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Menu











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Search


Search for at level that contain of the words, sorting results by

Results

More than 50 documents matched the query. Results 41 to 50:

-  Senate 1973 : part 10
-  Senate 1973 : part 9
-  Senate 1973 : part 17
-  Senate 1973 : part 3
-  Senate 1973 : part 16
-  Senate 1973 : part 12
-  Senate 1973 : part 1
-  Senate 1973 : part 13
-  Senate 1974 : part 7
-  Senate 1974 : part 10

Matches 21 - 40

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Fiji Parliamentary Papers 1970- Cont'd

A screenshot of a Mozilla Firefox browser window. The title bar reads 'doc.pdf (application/pdf Object) - Mozilla Firefox'. The address bar shows the URL 'http://uspd.library.usp.ac.fj/gsd/collect/govtdocu/index/assoc/HASH0103/4f126063.dir/doc.pdf'. The browser interface includes a menu bar (File, Edit, View, History, Bookmarks, Tools, Help), a search bar with 'Google', and a toolbar with navigation and printing icons. The main content area displays a PDF document with the following text:

The purpose of this Bill is to enable those Government employees who were elected on the coming into force of the Pensions (1958) Ordinance to remain in the Government Employees Provident Fund. That those who were subsequently promoted to pensionable posts, to obtain a refund of deposits at present frozen in the Government Employees Provident Fund.

I commend the Bill to Council.

HON. S.N. WAQANIVAVALAGI.— Sir, I beg to second the motion.

Bill read a second time.

Motion agreed to.

In committee:

Clauses 1, 2, title and enacting clause agreed to.

Transferring data from uspd.library.usp.ac.fj...

PRIDE Collections



PRIDE (Pacific Regional Initiatives for the Delivery of Basic Education):

- PADDLE (Pacific Archive of Digital Data for Learning and Education)
- Directions: Journal of Educational Studies 1978-2008


PADDLE

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Address <http://paddle.usp.ac.fj/> Go Links McAfee



PADDLE Pacific Archive of Digital Data for Learning and Education

Home Search Titles A-Z Authors A-Z Subjects Countries About Help

Pacific Archive of Digital Data for Learning and Education (PADDLE)

As of 2010, Paddle is an archived collection

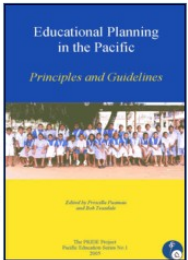
PADDLE has been developed as part of the PRIDE Project (Pacific Regional Initiatives for the Delivery of basic Education). The PRIDE Project seeks to enhance student learning in fifteen Pacific countries by strengthening the capacity of each Ministry of Education to plan and deliver quality basic education. The Project is implemented by the Institute of Education at the University of the South Pacific and is jointly funded by the European Union and the New Zealand Agency for International Development.

PADDLE facilitates the sharing of best practice and experience amongst the fifteen Pacific countries of the Project. The focus of PADDLE is to provide access to all relevant education policy, planning and development material from the participating countries. Most of these documents have previously been unavailable in digital form.

PADDLE provides full text access to a comprehensive collection of Pacific education material. This includes publications from the participating Ministries of Education including strategic plans, education legislation, curriculum frameworks and school policies. It also contains national development plans, statistics and budget information for the fifteen Pacific countries.

PADDLE also includes material from international and regional organisations including UNESCO, the Asian Development Bank, the Commonwealth Secretariat, the Commonwealth of Learning, Pacific Resources for Education and Learning (PREL), and the Pacific Islands Forum Secretariat.

The PRIDE Resource Centre developed and managed PADDLE from 2004 to the end of 2009. The University of the South Pacific Library will manage PADDLE from 2010. For queries contact qica_e@usp.ac.fj



Educational Planning
in the Pacific
Principles and Guidelines

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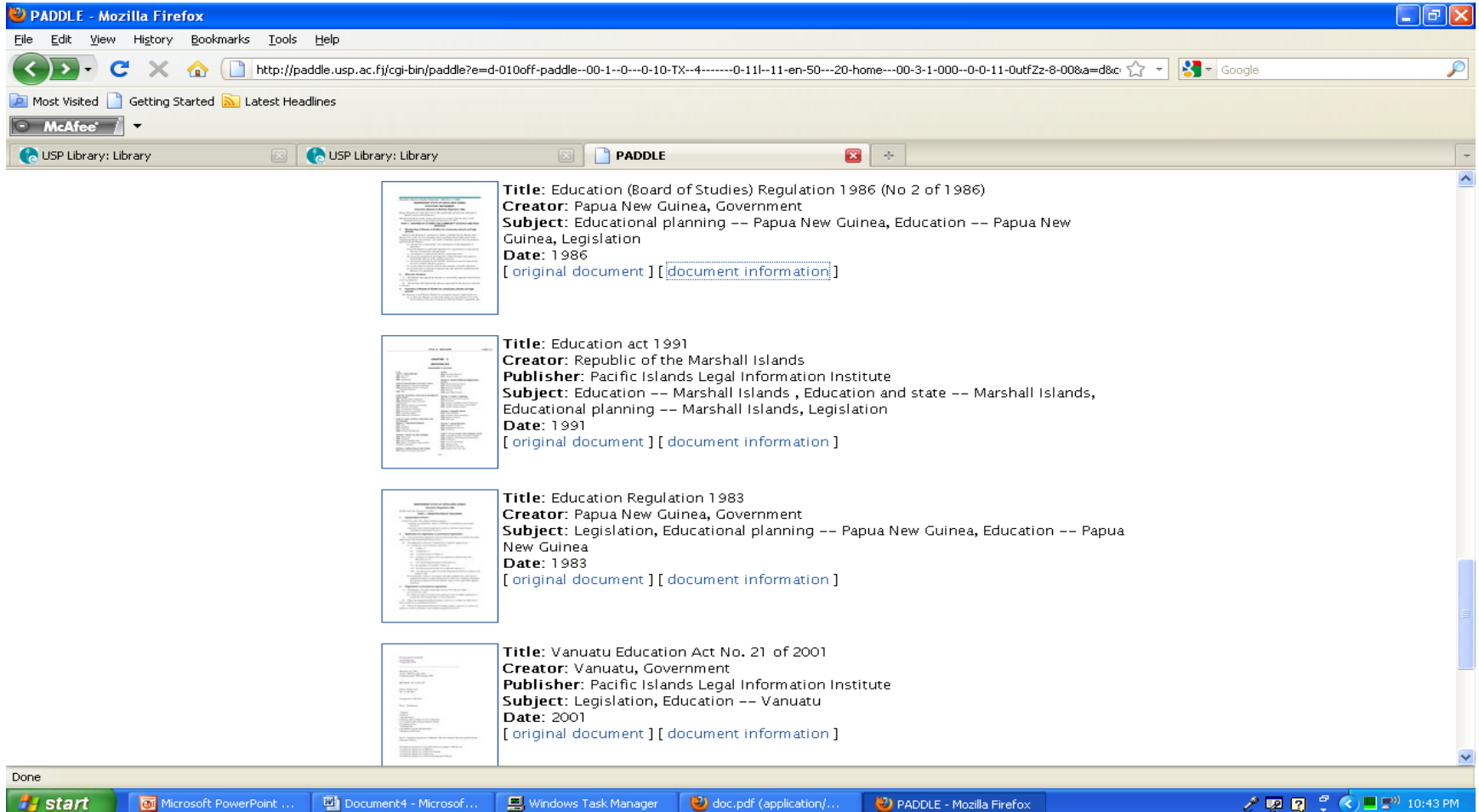
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- + Forum Basic Education Action Plan (FBEAP)
- + Forum Education Ministers
- + Gender
- + Girls -- Education -- Commonwealth countries
- + Globalisation
- + Governance
- + High schools—Curricula
- + Human development
- + Human rights education
- + Inclusive education
- + Indigenous Knowledge
- + Indigenous peoples – education
- + Information and Communication Technology (ICT)
- + Information literacy
- + International students
- + Knowledge, Sociology of
- + Language
- + Legislation
- + Literacy
- + Marshallese language

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Title: Education (Board of Studies) Regulation 1986 (No 2 of 1986)
Creator: Papua New Guinea, Government
Subject: Educational planning -- Papua New Guinea, Education -- Papua New Guinea, Legislation
Date: 1986
[[original document](#)] [[document information](#)]

Title: Education act 1991
Creator: Republic of the Marshall Islands
Publisher: Pacific Islands Legal Information Institute
Subject: Education -- Marshall Islands , Education and state -- Marshall Islands, Educational planning -- Marshall Islands, Legislation
Date: 1991
[[original document](#)] [[document information](#)]

Title: Education Regulation 1983
Creator: Papua New Guinea, Government
Subject: Legislation, Educational planning -- Papua New Guinea, Education -- Papua New Guinea
Date: 1983
[[original document](#)] [[document information](#)]

Title: Vanuatu Education Act No. 21 of 2001
Creator: Vanuatu, Government
Publisher: Pacific Islands Legal Information Institute
Subject: Legislation, Education -- Vanuatu
Date: 2001
[[original document](#)] [[document information](#)]

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Title	Education act 1991
Subject	Education -- Marshall Islands , Education and state -- Marshall Islands, Educational planning -- Marshall Islands, Legislation
Publisher	Pacific Islands Legal Information Institute
Source	Marshall Islands
Creator	Republic of the Marshall Islands
Date	1991
Rights	Reproduced with permission from the Pacific Islands Legal Information Institute from the PacLII website, http://www.pacii.org .
Filesize	81013 bytes
File Format	PDF
Number of pages	18

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CHAPTER 3.

EDUCATION ACT

ARRANGEMENT OF SECTIONS

Section	Section
PART I - PRELIMINARY	§324. Secondary Education.
§301. Short Title.	§325. Student Conduct.
§302. Policy.	
§303. Interpretation.	Division 4 - Student Health and Supplementary Services
	§326. Student Health and Safety.
PART II- DEPARTMENT OF EDUCATION	§327. School Transportation.
§304. Department of Education Established.	§328. Residence Assistance.
§305. Minister and Secretary of Education; Duties and Functions.	§329. Nutrition.
§306. Staff.	§330. School Meal Program.
	Division 5 - Teacher Certification
PART III- NATIONAL AND LOCAL BOARDS OF EDUCATION.	§331. Teacher's Certificates required.
§307. National Board of Education.	§332. Revocation.
§308. Membership; Terms; Vacancies; Compensation.	§333. Penalty for Teaching without Certification.

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TITLE 14 – EDUCATION

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**CHAPTER 3.
EDUCATION ACT
ARRANGEMENT OF SECTIONS**

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Section
PART I – PRELIMINARY

§324. Secondary Education.

§301. Short Title.

§325. Student Conduct.
§302. Policy.

§303. Interpretation.

**Division 4 – Student Health and Supplementary
Services**

PART II– DEPARTMENT OF EDUCATION

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Conclusion

- USP Library is satisfied with Greenstone as the platform for our online digital collections. We are using the standard configuration and have found it relatively easy to use to provide access to our digital collections.
- However, the IODE has suggested that we migrate the *PIMRIS E-Repository* to D-Space (developed by Hewlett-Packard as a non-commercial package in conjunction with MIT Libraries). IODE has expert support for DSpace.

Migration between Greenstone & D-Space (either way) can be done smoothly through a “bridge” called StoneD.

- *USP Research e-repository*: USP Research Office has decided to use EPrints, another open-source software developed by the School of Electronics and Computer Science, University of Southampton.

Thank You