

PROMOTING GENDER EQUITY IN THE PACIFIC ICT SPACE



The South Pacific Computer Society

Advancing Information and Communications Technology in the South Pacific

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Ada – the World's First Programmer

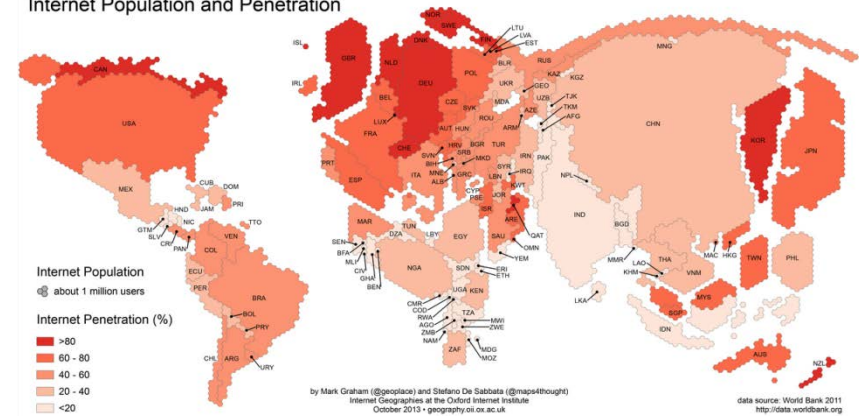


Global Internet Population

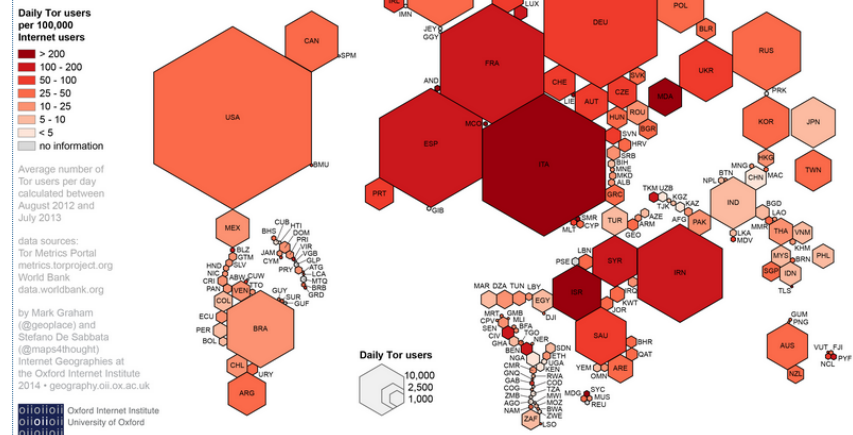
Globally Internet Users make 2.7 billion



Internet Population and Penetration

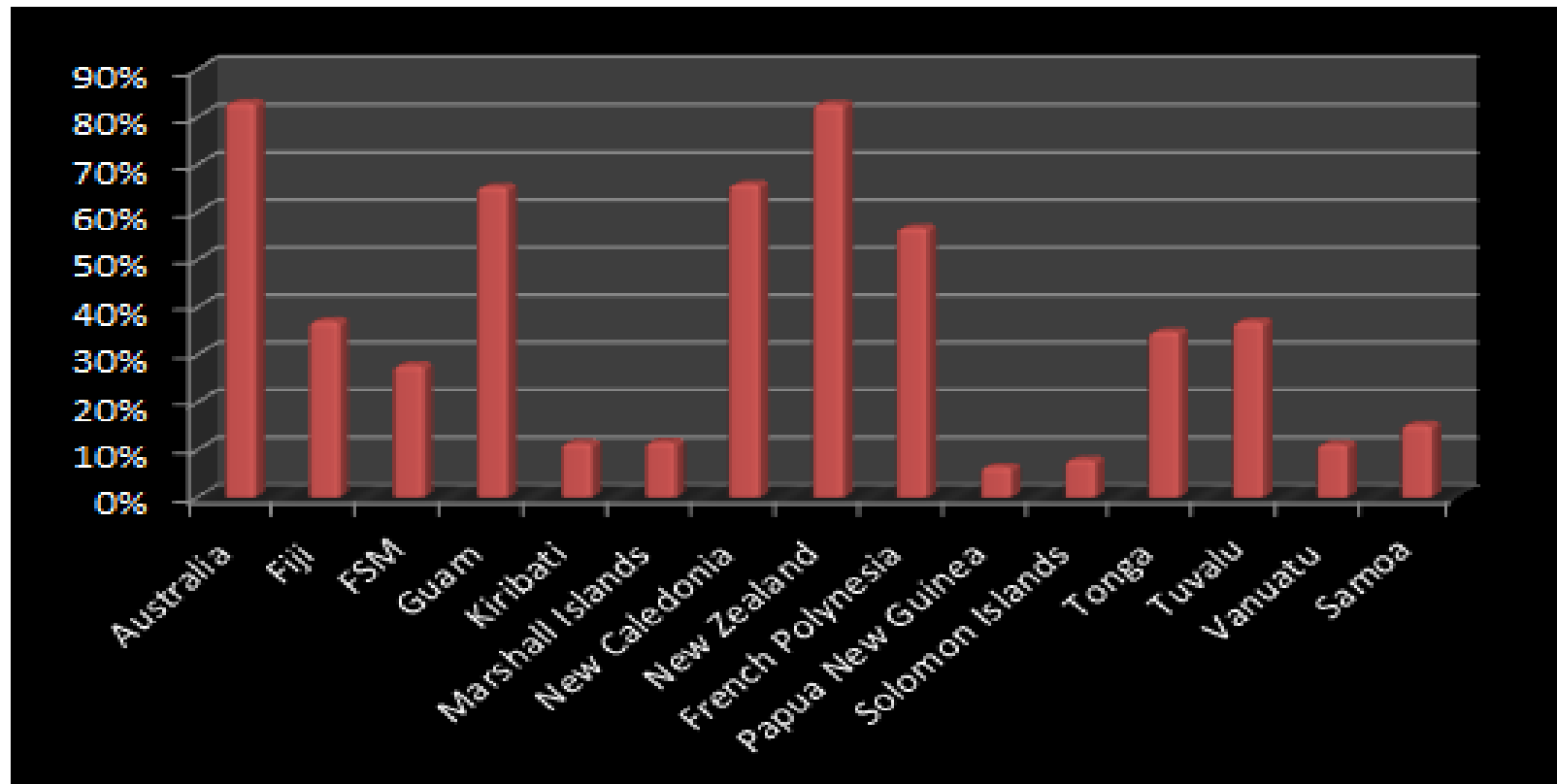


The anonymous Internet



Internet Penetration Rate in PICs

Internet Penetration Rate for Pacific Island Countries 2014



Setting the Context



- The Pacific Ocean: world's largest ocean spanning one third of the earth's surface and is home to two third of the world's tuna stock;
- There are **27** countries and territories within the Pacific that are assigned **country code top level domain names (ccTLDs)**;
- 3 of the world's top ten country code top level domains come from the Pacific, namely .tk [Tokelau], .tv [Tuvalu] and .au [Australia]
- Challenges of Small Island Developing States include resilience development from the impact of climate change, natural disasters, food and water crisis, poverty, conflict etc.

USP's Role in Building the ICT ecosystem

- USP is the Council of the Regional Organisations in the Pacific (CROP) Chair for ICT which is responsible for reviewing the **2010 Framework for Action on ICT Development in the Pacific (FAIDP)** and developing the new **Regional Strategy**
- and collaborating with the Pacific Islands Forum Secretariat to convene the **Regional ICT Ministers Meeting**
- Premier **Education Service Provider** in the Region and was established in 1968
- USP has contributed to the development of ICT professionals in technology, engineering, software developers, mathematicians, lawyers, accountants, GIS, etc
- USP is committed to **long term sustainable development** of the **ICT space**

USP and ICT

- USP has been a **forerunner** in the use of **ICT** to proliferate **ACCESS** to education
- Over the years' it has built **critical information infrastructure** to provide seamless services and **ACCESS** to the 12 countries and territories that are a part of USP through the **USPNET**
- USP takes its role as the leading education service provider in the Region seriously as it remains committed to building the next generation of leaders in the Pacific
- Today, USP Alumni are in virtually every sector, industry within the 27 countries and territories in the Pacific
- USP is also behind the establishment of the **Pacific Islands Regional Research and Educational Network (PIRREN)**

Issues that Girls and Women Face

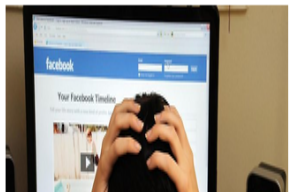
- Gender Discrimination in the workplace in Industry;
- Low ratio of women in ICT in the workplace;
- Bullying in the workplace;
- Lack of Incentive to join ICT
- Perception that it is largely a male dominated sphere

STOMPED ON !


Thursday, May 22, 2014

"I will haunt you down", "I'm hurt and torn by your words", "You left me with nothing but fear", Words are real which sip in deep that takes years and years to recover stuck with a mask of betrayal by people whom you once called your best friends. I once told you my deepest darkest secrets and yet you exposed them for the world to see and judge me on. Likes and comments increasing every minute and rumors uncovering what is not the truth, caused me to be stomped on deep in the dark, leaving me all alone, anti-social as most people say.

Cyber bullying is it's common name which uses the internet or other digital devices as E-mail, like any form of bullying which is mysteriously suffered it is intended to make the victim feel frightened, humiliated, helpless and too often – hopeless. What makes cyber bullying particularly harmful and in the case of at least five young people who have committed suicide, so deadly, is the nature and virulent reach of electronic medium.



About Me


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▼ May (1)
"I will haunt you down", "I'm hurt and torn by yo..."

Our Role in Empowering Communities

- ICT4D initiatives eg. 2012 [Youth Tech Camp](#) ;
- ICT4W eg. [Pacific Digital Alliance for Women in ICT](#);
- Child Online Protection Project;
- Cyber Security;
- Bridging the Digital Divide;



Japan Pacific ICT Centre

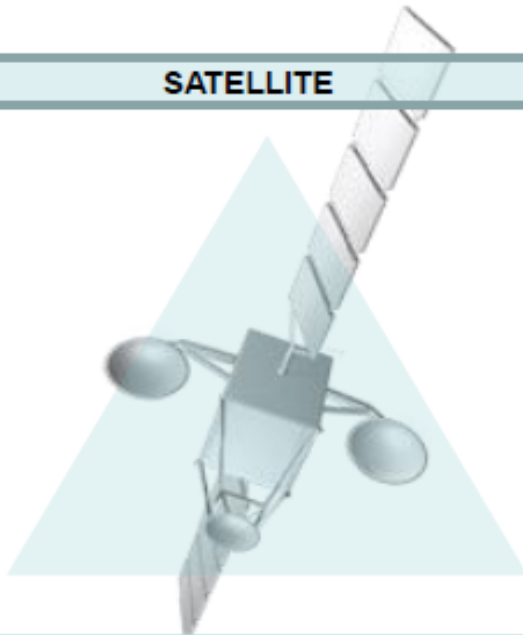
ICT Centre is home to the following Offices:

- Pacific Computer Emergency Response Team ([PACCERT](#))
- Pacific Islands Regional Regulators Resource Centre ([PIRRC](#))
- Pacific Islands Telecommunications Association ([PITA](#))
- Department of Information and Technology Services
- School of Computing Information and Mathematical Science
- Pacific Digital Alliance for [Women in ICT](#);
- South Pacific Computer Society ([SPaCS](#))



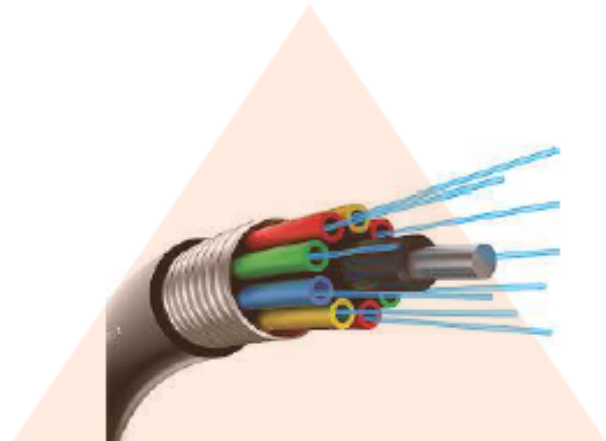
Hybrid Technology

SATELLITE



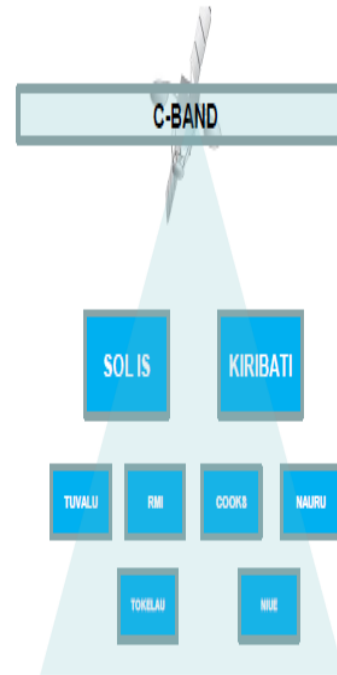
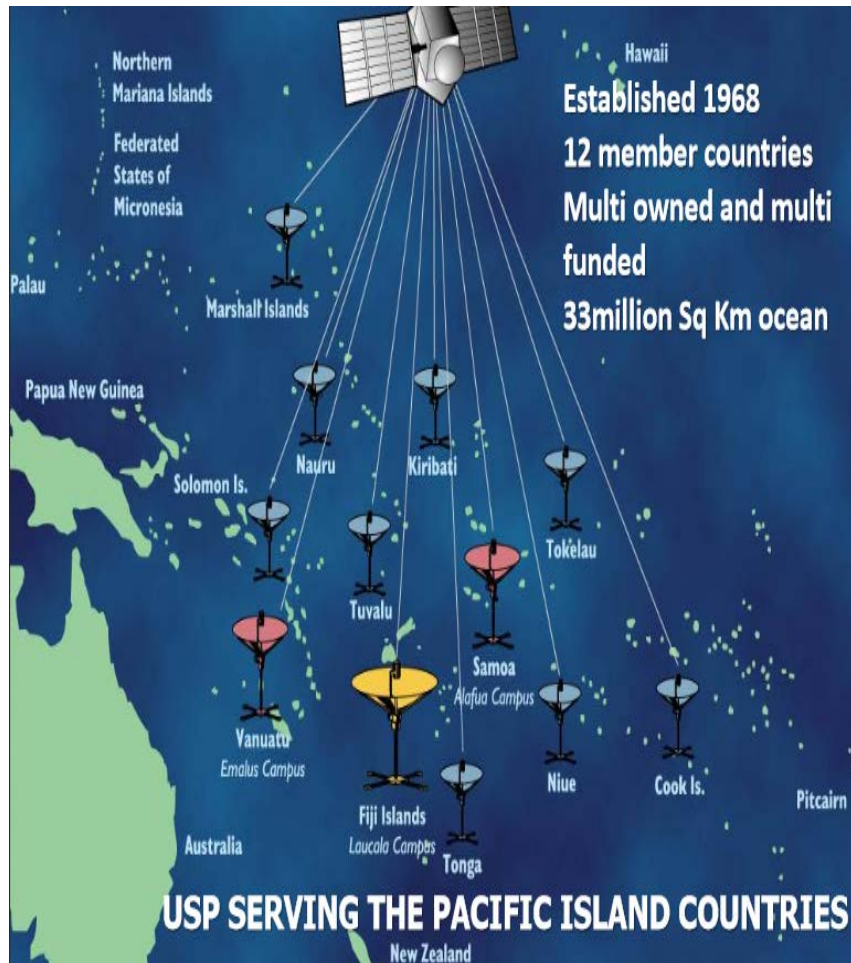
- High Latency [RT 500ms]
- Limited Capacity [<70Mbps]
- Rain Fade / Sun Interference
- High Recurrent Cost of Leased Capacity [US\$3500/Mbps]
- High CAPEX Investment Costs [>US\$5M]
- Geographical Reach / Terrain Independent
- Point to Multi-Point

FIBRE OPTICS

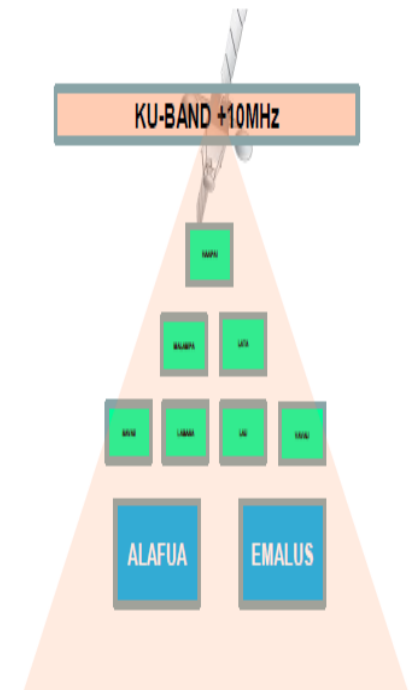


- Low Latency [RT 50ms]
- Essentially Un-Limited Capacity [Terabytes/sec]
- No environmental interference
- Lower Unit Recurrent Cost of Leased Capacity [US\$100/Mbps]
- High CAPEX Investment Costs – Dedicated Providers.
- Limited Reach

Satellite Reach



- 10MHz NSS-9
- Fewer Main USP Campuses



- 15MHz – IS18
- Small Sub-Campuses + Main Campuses

- Solomon Islands Congestion.
- Ku Band Frailties

- Vanuatu Interchange Cable:
 - Better ISP Provisions
 - Imminent Direct Capacity 100Mbps [Dec 2014]

Way Forward

- Greater integration internally within the University in Outreach and Development;
- Enhanced collaboration with other stakeholders;
- Encouraging Research that meets Pacific ICT space needs e.g. Cyber security, Disaster Risk Reduction, Gender Equity, Access, Internet Governance etc
- Working with ICT Industry:
 - ICT Programme Advisory Committee (PAC)
 - Mentoring Programmes
 - Work Placement
 - Industry Projects
- Identifying Industry needs in the Pacific

Showcasing ICT4W Event

[Watch Video](#)

THE END

Questions and Expressions of Interest to
Collaborate, Partner are welcomed.