

## STUDY UNIT DESCRIPTION

### STUDY UNIT 1

MS415: Climate Change Vulnerability And Adaptation Assessment (V&A) I  
MS416: Climate Change Vulnerability And Adaptation Assessment (V&A) II

Tentative template for study unit description to be offered as part of the course leading to the MSc in Sustainable Development of Islands and Small States:

<b>Study Unit Table</b>	
Offered by <ul style="list-style-type: none"><li>• University:</li><li>• Faculty:</li><li>• Department:</li><li>• Contact person:</li><li>• Contact details (Phone, fax, email):</li></ul>	The University of the South Pacific Faculty of Islands and Oceans PACE-SD (Env. Centre) Kanayathu Koshy Tel (679) 323 2894 Fax (679) 323 2891 koshy_k@usp.ac.fj
Main discipline:	Climate Change Vulnerability and Adaptation Assessment
Course objective:	<p>Candidates must pass all modules to obtain a pass in the course. This is an intensive training course in climate change vulnerability and adaptation assessment, comprising nine modules with lectures, reading assignments, simulation exercises and oral and written reporting, feedback and evaluation.</p> <p>This course includes presentation of scoping reports, presentation of data sets and development of baselines, development and testing of methods, selection of scenarios, conduct of vulnerability and adaptation assessments, preparation of draft synthesis of results, presentation of critique of drafts, re-drafting and presentation of final reports, review and conclusions.</p>
Main topics	The modules are: 1. Scoping the assessment 2. Methods for vulnerability adaptation assessment 3. Dataset and baseline development and testing methods

	4. Scenario development 5. Impact and vulnerability assessment 6. Adaptation Assessment I 7. Adaptation Assessment II 8. Country-Specific Study I 9. Country-Specific Study II
Readings	Climate Impacts and Adaptation Assessment Martin Parry and Timothy Carter, Earthscan, 1998., Course File with several handouts.
Method of campus tuition	formal lectures, plus tutorials
Method of assessment	Continuous Assessment + final Exam
Method of distance tuition (if any)	Currently being reoriented for Distance teaching and the course will be condensed into IPG equivalent.
Credits assigned (suggestion 7 contact hours by lecturer/tutors equals 1 credit)	22.5 (11,25 – new course)
Course accredited by	USP

## STUDY UNIT 2

SE 444: Pacific Islands Community-based Conservation

Tentative template for study unit description to be offered as part of the course leading to the MSc in Sustainable Development of Islands and Small States:

<b>Study Unit Table</b>	
Offered by <ul style="list-style-type: none"> <li>• University:</li> <li>• Faculty:</li> <li>• Department:</li> <li>• Contact person:</li> <li>• Contact details (Phone, fax, email):</li> </ul>	The University of the South Pacific Faculty of Islands and Oceans PACE-SD (Env. Centre) Kanayathu Koshy Tel (679) 323 2894 Fax (679) 323 2891 koshy_k@usp.ac.fj
Main discipline:	Natural Resource Management, Conservation
Course objective:	The Aim of the course is to build and improve the capacity of conservation practitioners; community representatives,

	<p>government technical officers, NGO technical officers, training personnel in the management of community-based conservation projects and sites for the sustainable conservation and management of natural resources.</p> <p>The course will provide participants with the practical knowledge and skills required for the sustainable management of Conservation Areas (CAs), Locally Managed Marine Areas (LMMA) and other forms of protected areas.</p>
Main topics	<p>Conservation management, including the role of Conservation Area systems in protecting biological and cultural diversity, major natural and cultural threats to sustainable conservation area establishment and management; use a range of participatory planning and consultation tools in support of conservation area management and the development of community-based conservation action plans; enterprise planning; basic themes and processes of business planning; basic business skills; a range of interpersonal and communication skills including how to generate public support and how to understand the role of partners in education programmes; main steps in project cycle management, know how to develop grant proposals and use project monitoring tools.</p>
Readings	Course File + hand outs
Method of campus tuition	<p>formal lectures, plus tutorials</p> <p>There will be some direct teaching, interspersed in most sessions with activities – individual, paired or group exercises of varying lengths. Presentations, discussion and reviews will reinforce the active learning component. Taught elements will be illustrated by case studies and examples from the member countries and from other regions. There will be field visits to bring issues to light and to provide opportunities to rehearse skills. These visits will include a 3-4 day</p>

	<p>excursion to provide practical, in-field and in-the-community experience in applying the principles and skills learned during the course.</p> <p>NB: Plans are underway for the full conversion of this course into DFL. DFL conversion is expected to start in 2007.</p>
Method of assessment	Continuous Assessment
Method of distance tuition (if any)	Oc (f-2-f)
Credits assigned (suggestion 7 contact hours by lecturer/tutors equals 1 credit)	11.25
Course accredited by	USP

### STUDY UNIT 3

EC 415: Environmental And Natural Resource Economics

Tentative template for study unit description to be offered as part of the course leading to the MSc in Sustainable Development of Islands and Small States:

<b>Study Unit Table</b>	
Offered by <ul style="list-style-type: none"> <li>• University:</li> <li>• Faculty:</li> <li>• Department:</li> <li>• Contact person:</li> <li>• Contact details (Phone, fax, email):</li> </ul>	The University of the South Pacific Faculty of Business and Economics School of Economics To be decided Tel (679) 323 2894 Fax (679) 323 2891 Koshy_k@usp.ac.fj
Main discipline:	Environment and economics
Course objective:	This course in environmental and resource economics will address selected issues relevant for sustainable economic growth.
Main topics	market failures; common property issues; institutions; global environment and natural resources; economic tools of environmental assessment; public policy issues relating to

	environment and natural resource conservation.
Readings	handouts
Method of campus tuition	formal lectures, plus tutorials
Method of assessment	Continuous Assmt 60% + Exam 40 %
Method of distance tuition (if any)	OC (f-2-f)
Credits assigned (suggestion 7 contact hours by lecturer/tutors equals 1 credit)	11.25
Course accredited by	USP

#### STUDY UNIT 4

##### ED461: Global Education Instruments

Tentative template for study unit description to be offered as part of the course leading to the MSc in Sustainable Development of Islands and Small States:

<b>Study Unit Table</b>	
Offered by <ul style="list-style-type: none"> <li>• University:</li> <li>• Faculty:</li> <li>• Department:</li> <li>• Contact person:</li> <li>• Contact details (Phone, fax, email):</li> </ul>	The University of the South Pacific Faculty of Arts and Law School of Education Konai Thaman Tel (679) 323 2357 Fax thaman_k@usp.ac.fj
Main discipline:	Education for Sustainable Development
Course objective:	The Course will critically examine FOUR global educational initiatives - MDGs, EFA, UNLD and UNDESD, especially their underlying values and ideals as well as their goals and target dates.
Main topics	The reasons why the above initiatives were set up will be examined, together with their similarities and differences. Students will conduct research on how Pacific communities conceptualise the main ideas associated with the initiatives, e.g. development, education, literacy and sustainable development, and critically analyse the implications of their

	perspectives for their successful implementation in students` home countries.
Readings	Negotiated international texts for the global instruments, handouts
Method of campus tuition	formal lectures, plus tutorials
Method of assessment	Continuous assessment + exams
Method of distance tuition (if any)	OC (f-2-f)
Credits assigned (suggestion 7 contact hours by lecturer/tutors equals 1 credit)	11.25
Course accredited by	USP

### STUDY UNIT 5

#### BI442: Biodiversity and Conservation

Tentative template for study unit description to be offered as part of the course leading to the MSc in Sustainable Development of Islands and Small States:

<b>Study Unit Table</b>	
Offered by <ul style="list-style-type: none"> <li>• University:</li> <li>• Faculty:</li> <li>• Department:</li> <li>• Contact person:</li> <li>• Contact details (Phone, fax, email):</li> </ul>	The University of the South pacific Faculty of Science and Technology Biology Division Dr. Craig Morley Tel (679) 323 2559 craig.morley@usp.ac.fj
Main discipline:	Biodiversity
Course objective:	This multidisciplinary course considers the concepts and principles of how to design, manage and implement conservation strategies for threatened species and ecosystems.
Main topics	The theory and practicalities of monitoring plant and animal species for conservation will be discussed along with how to conserve their genetic resources. Topics covered include case studies on animal and plant conservation, biodiversity action, and recovery plans, general principles for integrated conservation in communities

	and, project management tools and techniques.
Readings	List important text books and published articles, if any. List a few major internet sites.
Method of campus tuition	formal lectures, plus field trip
Method of assessment	Continuous Assmt 50% + Exam 50%
Method of distance tuition (if any)	OC (f-2-f)
Credits assigned (suggestion 7 contact hours by lecturer/tutors equals 1 credit)	11.25
Course accredited by	USP

## STUDY UNIT 6

### TS311: Sustainable Tourism Development

Tentative template for study unit description to be offered as part of the course leading to the MSc in Sustainable Development of Islands and Small States:

<b>Study Unit Table</b>	
Offered by <ul style="list-style-type: none"> <li>• University:</li> <li>• Faculty:</li> <li>• Department:</li> <li>• Contact person:</li> <li>• Contact details (Phone, fax, email):</li> </ul>	The University of the South Pacific Faculty of Islands and Oceans Tourism Dept Mr Jess Ponting Tel (679) 323 2815 Fax jess.ponting@usp.ac.fj
Main discipline:	Tourism and Sustainable Development
Course objective:	This course aims to provide students in their third year with an understanding of both theory and practice in sustainable tourism development. Students will also explore issues concerning socio-cultural and environmental impacts and techniques for mitigating negative results of tourism development. Case studies are incorporated into each topic area for a comprehensive review of sustainable tourism projects in other areas of the world.
Main topics	The content includes the origins of sustainable concepts with particular focus on planning and managing tourism enterprises. Other areas of the course include ecotourism,

	visitor impact management, interpretation and education, economics, and marketing.
Readings	<b>Prescribed Text:</b> Swarbrook J. Sustainable Tourism Management. Wallingford: CABI, 1999.
Method of campus tuition	<b>Contact Hours: 4 Delivery Modes:</b> Print in Semester 1 Face-to-Face in Semester 1
Method of assessment	Continuous Assessment: 50/100 Examination: 50/100
Method of distance tuition (if any)	OC/DFL
Credits assigned (suggestion 7 contact hours by lecturer/tutors equals 1 credit)	11.25
Course accredited by	USP

## STUDY UNIT 7

### DG 417:NGOs, Civil Society and Development

Tentative template for study unit description to be offered as part of the course leading to the MSc in Sustainable Development of Islands and Small States:

<b>Study Unit Table</b>	
Offered by <ul style="list-style-type: none"> <li>• University:</li> <li>• Faculty:</li> <li>• Department:</li> <li>• Contact person:</li> <li>• Contact details (Phone, fax, email):</li> </ul>	The University of the South Pacific Faculty of Arts and Law Development Studies Dr. Manoranjan Mohanty Tel (679) 323 2537 Fax manoranjan.mohanty@usp.ac.fj
Main discipline:	Sustainable Development, Participatory Approach
Course objective:	People centred development, incorporating greater popular participation, is now recognised as an important development strategy. Civil society organisations (CSOs) and non governmental organisations (NGOs) with their participatory approaches and grassroots connections have emerged as important catalysts for change and development. This course examines the nature of and processes involved in the deepening of democracy through civil society organisations.
Main topics	Introductory: NGO and Civil Society :

	Definition, types and nature *Civil Society - State and Development Perspectives Development from Below: Emergence of NGOs as alternative Development Strategy Participatory Development: Types and Role of NGOs ?NGOs and Social Movements in Developing Countries ?Globalisation, NGO and Civil Society ?Resource Mobilisation and Funding to NGOs ?NGOs , Capacity Building and Human development ?Constraints in Voluntarism : Organisational / Non-organisational issues ?Governance of NGOs: Code of conduct, ethics and best practices NGO, Government and Donor Relationships NGOs and Development in Small Island States: Strengths and Weaknesses Strengthening Civil Society: Challenges for NGOs ?NGOs and Sustainable Development: Policies and Strategies
Readings	To be provided by the Lecturer
Method of campus tuition	f-2-f, Lectures, Tutorials
Method of assessment	Continuous + Final Exam
Method of distance tuition (if any)	OC (f-2-f)
Credits assigned (suggestion 7 contact hours by lecturer/tutors equals 1 credit)	11.25
Course accredited by	USP

## STUDY UNIT 8

### JN 405: Special Topics in Journalism

Tentative template for study unit description to be offered as part of the course leading to the MSc in Sustainable Development of Islands and Small States:

<b>Study Unit Table</b>	
Offered by <ul style="list-style-type: none"> <li>• University:</li> <li>• Faculty:</li> <li>• Department:</li> <li>• Contact person:</li> </ul>	The University of the South Pacific Faculty of Arts and Law Dept of Journalism Dr. Charu Uppal Tel (679) 323 2685

<ul style="list-style-type: none"> <li>Contact details (Phone, fax, email):</li> </ul>	Fax charu.uppal@usp.ac.fj
Main discipline:	Special Topics in Journalism: Environmental Journalism
Course objective:	To give Journalist an opportunity to specialize in some areas of vital importance for the sustainable development of SIDS  It will also include special journalism production or research projects, but such projects must be approved by the journalism coordinator before enrolment in this course.
Main topics	Possibilities of this course will include specialist topics such as investigative journalism, environmental journalism, economic journalism, business journalism and political/parliamentary journalism.
Readings	
Method of campus tuition	<b>Contact Hours:</b> 2 hours pwk
Method of assessment	Continuous Assessment +Final Exam
Method of distance tuition (if any)	OC (f-2-f)
Credits assigned (suggestion 7 contact hours by lecturer/tutors equals 1 credit)	11.25
Course accredited by	USP

### STUDY UNIT 9

SE 441: Regional Management of Marine Resources

Tentative template for study unit description to be offered as part of the course leading to the MSc in Sustainable Development of Islands and Small States:

<b>Study Unit Table</b>	
Offered by <ul style="list-style-type: none"> <li>University:</li> <li>Faculty:</li> <li>Department:</li> <li>Contact person:</li> <li>Contact details (Phone, fax, email):</li> </ul>	The University of the South Pacific Faculty of Islands and Oceans School of Marine Studies Dr. Joeli Veitayaki Tel (679) 323 2860 Fax

	veitayaki_j@usp.ac.fj
Main discipline:	Sustainable Marine Resource Management
Course objective:	This course will provide an opportunity to focus on aspects of Regional management of marine resources in the South Pacific in line with the special interests of individual candidates.
Main topics	Emphasis will be on the work carried out by relevant regional organisations such as the Secretariat of the Pacific Community (SPC), Forum Fisheries Agency (FFA), South Pacific Regional Environment Program (SPREP) and the South Pacific Applied Geoscience Commission (SOPAC). These include, integrated coastal management, Marine protected areas, marine resource management, international waters, marine policy etc.
Readings	List important text books and published articles, if any. List a few major internet sites.
Method of campus tuition	e.g. formal lectures, plus tutorials
Method of assessment	Continuous assessment + Final Exam
Method of distance tuition (if any)	Face to face
Credits assigned (suggestion 7 contact hours by lecturer/tutors equals 1 credit)	11.25
Course accredited by	USP

### STUDY UNIT 10

ES 405: Field and Laboratory Techniques in Environmental studies

Tentative template for study unit description to be offered as part of the course leading to the MSc in Sustainable Development of Islands and Small States:

<b>Study Unit Table</b>	
Offered by	
<ul style="list-style-type: none"> <li>• University:</li> <li>• Faculty:</li> <li>• Department:</li> <li>• Contact person:</li> <li>• Contact details (Phone, fax, email):</li> </ul>	<p>The University of the South Pacific Faculty of Science and Technology Earth Science Dr. Kifle Kahsai Tel (679) 323 2845</p>

	Fax kifle.kahsai@usp.ac.fj
Main discipline:	Environmental Science
Course objective:	There is a need in the Pacific Region to encourage the sustainable use of its resources. Environmental Ministries and Departments are expanding and many government institutions and departments have their own environmental officer. Currently these people need to leave the Pacific Region to obtain postgraduate qualifications in Environmental Science/Studies. The course has been developed against this background
Main topics	This course covers the main data gathering methods used in environmental analysis, both in the field and in the laboratory. These include chemical, physical and biological parameters and the study of waters, soils and the biota. Methods of gathering social data are also discussed. The presentation of data in graphs and maps the use of geographical information systems and remote sensing are also included as well as data analysis and modelling. Students will also practice these techniques.
Readings	Environmental Management – A Systematic Approach, 3 volumes, edited by B. Nath; L. Hens; P. Compton and D. Devayst, UNESCO Press, 1992. Handouts and journals.
Method of campus tuition	e.g. formal lectures, plus tutorials
Method of assessment	Minor assignment 30% + Major assignmt 40% + Seminar presentations 30%
Method of distance tuition (if any)	Face to face
Credits assigned (suggestion 7 contact hours by lecturer/tutors equals 1 credit)	11.25
Course accredited by	USP