



# Centre for Postgraduate Studies (CPGS)

MSc in Coastal Resources Economics and Management (SLQF Level 10)

Master of Coastal Resources Economics and Management (SLQF Level 9)

Postgraduate Diploma in Coastal Resources Economics and Management (SLQF Level 8)

.....for seekers of blue wealth......





### 1. INTRODUCTION



The Centre for Postgraduate Studies of the Ocean University of Sri Lanka is enrolling students for the second batch of the MSc/PG Diploma in Coastal Resources Economics and Management.

The coastal and marine natural capital environment, ecosystems and resources is under threat from unmanaged human activities including frequent man-made disasters such as ship accidents, causing severe economic and ecological losses to the country. The issues and problems encountered in overcoming such situations amply demonstrate the critical need for better governance and capacity building on environment

and resources economics and marine-based disaster management.

Considering the above requirement, this postgraduate programme is designed around the application of Resources economics - a globally accepted and effective management tools in natural resources management - for the sustainable management of the coastal and marine resources. Ecosystem services valuation for environmental risk and damage assessment, Ecosystem based Disaster Risk Reduction, Integrated Coastal Management, Environmental Impact Assessments are some of the other key elements integrated into the programme as timely requirement for the country as well as for the region.

The programme is developed jointly with IUCN, Sri Lanka with the involvement of both local and international expertise and professionals.





### 2. COURSE AIMS

The proposed course plans to develop human resources with state-of-the-art competencies in:

- Ecosystem valuation and natural capital accounting using internationally accepted methodologies such as the System of Environment Economics Accounting (SEEA)
- Monitoring disaster risks, natural resources damage assessments (NRDA), ecosystembased disaster risk reduction (Eco-DRR) and establishing adaptive and mitigatory action
- Environment certification and auditing and, value chain management
- Remote sensing and GIS for coastal planning and management
- Environmental Impact Assessment (EIA)
- Integrated Coastal Management (ICM)

## 3. COURSE CONTENTS



Economics of Environment and Natura

· Remote Sensing and GIS for Coastal

· A Landscape Approach to Coastal

· Natural Capital Accounting and Valuation

· Natural Resources Damage Assessment

· Environment Impact Assessment

Ecosystem Based Disaster Risk

· Research Project and

Dissertation

Planning and Management

Management Planning

of Ecosystem Services

Resources

Semester 04

#### Coastal Environment

- Oceanography
- Coastal livelihoods and Other Economic Activities
- · Fisheries and Aquaculture
- · Marine and Coastal Tourism
- Marine Pollution and Waste
- Management
- · Environmental Governance
- · Statistics for Natural Resources
- Management

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- Selliesto
- Integrated Coastal Resources Management
- Research Methodology
- Seminars
- System of Environmental Economic Accounting
- · Environmental Certification and Auditing
- · Environment Sustainability and Supply Chain
- Management
- Project analysis and Management
- · Case studies

# 4. PROGRAMME STRUCTURE, PATHWAYS AND DURATION

The structure of the programme is designed following the guidelines of the SLQF. The programme consists of three parts;

- Part I (Contents of Semester 1 and 2),
- · Part II (Contents of Semester 3) and
- Part III (Contents of Semester IV Research Project and dissertation)

Those who successfully complete;

- Part I is eligible for Postgraduate Diploma SLQF level 8, 1 year duration, requires total of 30 credits for completion
- Part I & II is eligible for Master by course work -SLQF Level 9, 1 ½ years duration, requires total of 45 credits for completion
- Part I, II & III is eligible for MSc by Course work with Research - SLQF 10, 2 years duration, requires 60 credits for completion

Candidates can choose to register for any one of them directly.

### 5. ELIGIBILITY AND SELECTION

- Bachelor's degree in biological science, physical science natural resources and environmental management, geography, geology, agriculture, social sciences or economics or any other relevant subject area, or
- Any other equivalent qualification acceptable to the academic council of the ocean university of Sri Lanka
- Students who are awaiting results are also eligible to apply
- Qualified candidates will be selected by the CPGS. Candidates who have experience or engaged in natural resources economics or coastal resources management or candidates in relevant professions are given priority.

### 6. COURSE FEES

 MSc (Masters with course work and a research component)
 -Rs 350,000

 Masters (Masters by course work)
 -Rs 300,000

 PG Diploma
 -Rs 200,000

The course fee can be paid in full at the commencement of the course or in installments during the course duration.

Other fees payable at registration

Application fee Rs 3000.00 Registration fee Rs 5000.00

· fees paid are not refundable and subject to revision time to time

An application fee should be deposited to the credit of; Vice Chancellor.

Ocean University of Sri Lanka,

Account No 214100163629909 at Peoples Bank, Mutwal Branch.

### 7. LECTURER PANEL

Prof. Hemasiri Kotagama

Prof. Prasanthi Gunawardena

Prof. Wasantha Ratnayake

Prof Terney Pradeep Kumara

Prof Kokila Konasinghe

Prof Chamari Dissanayake

Dr. H.B Jayasiri

Dr J.K Rajapakse

Dr. S.U.P Jinadasa

Dr. M.P. .Kumara

Dr. K. Arulananthan

Dr. J. M. Ashoka

Dr. J.M. Menuka Udugama,

Dr. N.W.B.A. Lahiru Udayanga

Dr. D.M.S.B. Dissanayake

Mr. Nalin Mannapperuma

Mr Jagath Gunasekara Mr. Sampath Siriwardena

vii. Gairipatti Giriwardei

Mrs. Kanthi De Silva

Mrs. Devika Vithanage

Mr. Aruna Maheepala Mr. L.H. Indrasiri

Mr. Gamini Hewage

Ms. Padmi Ranasinghe

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