



UNIVERSITI TEKNOLOGI MARA

PMG657: MARINE PARK MANAGEMENT

Course Name (English)	MARINE PARK MANAGEMENT APPROVED
Course Code	PMG657
MQF Credit	3
Course Description	This subject is focus on the management and conservation of marine park management. It covers topic on biodiversity of the marine life, the management theory and strategy, understanding of the issues and the future of marine parks.
Transferable Skills	Demonstrate ability to manage personal performance to meet expectations and demonstrate drive, determination and accountability.
Teaching Methodologies	Lectures, Field Trip, Tutorial
CLO	CLO1 Demonstrate the basic concept of biodiversity in marine parks management. CLO2 Identify the theory of conservation in marine park management. CLO3 Explain the issues on governance related to marine park management.
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction 1.1) • Introduction to Marine Park Management and Conservation 1.2) • Marine ecology and biodiversity 1.3) • Types of Marine Protected Areas	
2. Marine Protected Areas in Malaysia 2.1) • An Overview 2.2) • Marine Ecotourism 2.3) • Legislation	
3. Techniques for Managing Marine Protected Area. 3.1) • Criteria for the selection of Marine Protected Areas 3.2) • Guiding principles for the selection of MPA's 3.3) • The format of a zoning scheme. 3.4) • Management Plan for marine park. 3.5) • Techniques available to managers	
4. Marine Education and Interpretation 4.1) • Designing an education plan 4.2) • Keys to a successful strategy 4.3) • Education techniques	
5. Issues and Concerns 5.1) • Issue on Marine Park. 5.2) • Involving the community of MPA's 5.3) • The Voluntary Approach to Conservation of Marine Areas.	

Assessment Breakdown	%
Continuous Assessment	50.00%
Final Assessment	50.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Journal/Article Critique	10%	CLO2
	Case Study	n/a	25%	CLO2
	Test	Structure question	15%	CLO1

Reading List	Recommended Text	Reference Book Resources
	<ul style="list-style-type: none"> • Sarva Mangala Praveena, Siti Shapor Siraj, Ahmad Zaharin Aris 2012, <i>Coral reefs studies and Threats in Malaysia: A Mini Review</i> • Gazi Md Nurul Islam, Shzee Yew Tai, Mohd Noh Kusairi, Shuib Ahmad, Farhana Nor Aswani, Mohamad Khair Afnam Muhamad Senan, Ali Ahmad 2017, <i>Community Perspective of Governance for Effective Management of Marine Protected Areas in Malaysia, Ocean and Coastal Management</i> • Brian Garrod, Julie C. Wilson 2003, <i>Marine Ecotourism, Channel View Publications</i> • Geoff Wescott and James Fitzsimons 2011, <i>Stakeholder Involvement and Interplay In Coastal Zone Management And Marine Protected Area Planning</i> 	<ul style="list-style-type: none"> • Susan Gubbay 1995, <i>Marine Protected Areas: Principles and Techniques for Management</i> • Mohd Taupek Mohd Nasir, Nor Ainy Mahyudin 2001, <i>Marine Park of Malaysia, The Department of Fisheries Malaysia and Design Dimension</i> • Jabil Mapjabil, Yahaya Ibrahim, Tan Wan Hin 2014, <i>Pelancongan Pulau di Malaysia, Penerbit UTHM</i> • Department of Marine Park Malaysia 2015, <i>Status of Malaysia Coral Reef</i> • Sukarno W., Nor Hasni O, Abdul Rahim G.Y., Azhar A., Muntalib J., Mohd Ridzuan M.A., Fitra A.Z., Chan, A.A., Md. Nizam I 2015, <i>Pulau Perhentian Marine Park Total Economic Value & Management Effectiveness, Department of Marine Park Malaysia</i> • Mohd Tajuddin Abdullah, Gertrude David 2019, <i>The Mesmerizing Pulau Redang: An Introduction To Its Ecology and Biodiversity</i> • Kamaruddin Ibrahim, Nor Hasni Osman, Azhar Ahmad, Shahmir Sivaraj Abdullah, Albert Apollo Chan 2012, <i>Pulau Redang Marine Park, Management Effectiveness and Total Economic Value</i>
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	