

Course Objectives:

The objectives of this course are to provide a comprehensive understanding of

1. the challenges,
2. opportunities, and
3. approaches to managing wildlife protected areas
4. and sustainably.

Course Learning Outcomes:

On completion of the course, the students will be able to;

1. **Acquire** theoretical knowledge about ecology of the protected areas.
2. **Compare** different protected areas.
3. **Collect** the field information of protected areas and amagement issue
4. **Evaluate** the Global challenges to Protected Areas, policy frameworks, innovative solutions, and emerging technologies.

Course Outline:

1. **Introduction to Protected Areas:** Definition and Classification of protected areas, International conventions, and agreements on Protected Areas.
2. **Ecology of Protected Areas:** Concepts of biodiversity, ecosystem, species, ecological succession, trophic levels, and interactions in ecosystems.
3. **Principles of Conservation Biology:** Conservation threats, extinction, conservation strategies, and planning.
4. **Management Planning:** Planning process, socio-economic and ecological considerations, community engagement, stakeholder analysis, and evaluation of management effectiveness.
5. **Protected Area Administration and Governance:** Institutional and legal frameworks, stakeholder involvement, community-based management, and participatory approaches.
6. **Human-Wildlife Conflict:** Causes, mitigation strategies, and management techniques.
7. **Monitoring and Evaluation of Protected Areas:** Monitoring methods, data management, and evaluation approaches.
8. **Ecotourism:** Ecotourism as a tool for conservation, principles, and practices, management, and marketing.
9. **Wildlife Law Enforcement:** Illegal trade, poaching, trafficking, and measures to address wildlife crimes.
10. **Challenges and Opportunities:** Global challenges to Protected Areas, policy frameworks, innovative solutions, and emerging technologies.

Teaching-Learning Strategies

Teaching will be a combination of class lectures, class discussions, and group work. Short videos /films will be shown on occasion.

Assignments

The sessional work will be a combination of written assignments, class quizzes, presentation, and class participation/attendance.

Assessments and Examination

Sessional Work:	25 marks
Midterm Exam:	35 marks
Final term Exam:	40 marks

Text and Reference Books:

1. Nigel Dudley and Sue Stolton 2010. Arguments for Protected Areas: Multiple Benefits for Conservation and Use. ISBN 9781844078813 296 Pages Published by Routledge

2. Michael Lockwood, Graeme Worboys, Ashish Kothari 2009. Managing Protected Areas A Global Guide 1st Ed. ISBN 9781844073030 840 Pages Published by Routledge
3. Natalie Bown and Tim S Gray 2012. Contested Forms of Governance in Marine Protected Areas Publisher by Routledge; 1st edition, 204 pages ISBN-10 : 9780415500647
4. Marco Neubert and Sven Rannow 2014. Managing Protected Areas in Central and Eastern Europe Under Climate Change (Advances in Global Change Research) Springer ISBN: 978-94-024-0302-2
5. Michael Hathaway, Elizabeth Drexler 2001. People, Plants and Protected Areas: A Guide to in Situ Management: Volume 4 (People and Plants International Conservation) Published by Routledge eBook ISBN9781315071848
6. Stan Stevens 2014. Indigenous Peoples, National Parks, and Protected Areas: A New Paradigm Linking Conservation, Culture, and Rights Published by: University of Arizona Press
7. Nina Fascione, Aimee Delach, and Martin E. Smith 2005 People and Predators: From Conflict To Coexistence. Island Press.
8. Vishwas B Sawarkar 2005. A Guide to Planning Wildlife Management in Protected Areas and Managed Landscapes. Natraj Publishers
9. S K Mukherjee and P K Mathur 1999. Bibliography: Wildlife and Protected Area Management in Madhya Pradesh Publisher, M/s Bishen Singh Mahendra Pal Singh; first Edition ISBN-10 : 8121101905
10. Michael L. Morrison 2009 Restoring Wildlife: Ecological Concepts and Practical Applications Island Press.

UZO-596 Wildlife Protected Areas Management (Lab)

Cr.(1)

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Course contents

Field Visit to protected areas

1. National Park
2. Wildlife Sanctuary
3. Game Reserve
4. Private Breeding Center and Game Reserve

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