



# Indraprastha College for Women

## University of Delhi

Course Name:	GEC – III Sem
Paper Title:	Human Wildlife Conflict and Management
Unique Paper Code:	2184001004
Semester:	III
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Year:	2024

<b>Work Plan (Theory)</b>			
Period	Unit No.	Learning Objective	Topics to be Covered
1 <sup>st</sup> Aug -3 <sup>rd</sup> Aug	I	Understand the need for environmental management and moral obligations towards wildlife conservation.	Need of environmental management; wildlife conservation: moral obligation?
5 <sup>th</sup> Aug-10 <sup>th</sup> Aug	I	Explore the philosophy of wildlife management and the necessity of addressing human-wildlife conflicts.	Philosophy of wildlife management; role of government, wildlife biologists, social scientists; deep and shallow ecology
12 <sup>th</sup> Aug-17 <sup>th</sup> Aug	II	Trace the evolution of wildlife management from ancient to modern times.	Journey of mankind from predator to conservator; Bhimbetka wall paintings; wildlife in King Ashoka's reign
19 <sup>th</sup> Aug-24 <sup>th</sup> Aug	II	historical and contemporary wildlife conservation	Bishnoi community; wildlife management, conservation, and policies in the 21st century
26 <sup>th</sup> Aug-31 <sup>st</sup> Aug	II	Evaluate the positive values of wildlife conservation.	Positive values of wildlife conservation (monetary, recreational, scientific, ecological benefits)
2 <sup>nd</sup> Sep-7 <sup>th</sup> Sep	I & II	Review and assess understanding of Unit I and II.	Review and test I and II.
9 <sup>th</sup> Sep-14 <sup>th</sup> Sep	III	Understand the legal framework governing wildlife conservation in India.	Types of protected areas; IUCN categories; Natural World Heritage sites; core and buffer areas
16 <sup>th</sup> Sep-21 <sup>st</sup> Sep	III	Wildlife conservation laws and their implementation.	Wildlife Protection Act 1972; Forest Act 1927; Environmental Protection Act 1986; Forest Conservation Act 1920
23 <sup>rd</sup> Sep-28 <sup>th</sup> Sep	III	Analyze the current status of protected areas and initiatives like the Tiger Task Force.	Tiger Task Force; status of current protected areas in India

30 <sup>th</sup> Sep-5 <sup>th</sup> Oct	III	Review and assess understanding of Unit III.	Review and assess understanding of Unit III.
7 <sup>th</sup> Oct-12 <sup>th</sup> Oct	IV	Examine socio-economic and legal bases of human-wildlife conflicts.	Development and encroachment; impact of conflict on humans and wildlife; habitat fragmentation
14 <sup>th</sup> Oct-19 <sup>th</sup> Oct	IV	Understand the socio-economic impact of forest conservation practices.	Social inequality in forest conservation; luxury hotels vs. displacement of native tribes; forest produce
21 <sup>st</sup> Oct-26 <sup>th</sup> Oct	IV	Learn about tribal rights and the demographic profile of tribes in India.	Tribal rights in India; demographic profile of tribes; importance of forest produce; Forest Rights Act 2006.  Review Unit – IV
28 <sup>th</sup> Oct-2 <sup>nd</sup> Nov			MID SEMESTER BREAK
4 <sup>th</sup> Nov-9 <sup>th</sup> Nov	V	Analyze significant wildlife conflicts in India.	Keoladeo National Park conflict; Human-elephant conflicts in Kerala; Fisherman-tiger conflict in Sundarbans
11 <sup>th</sup> Nov-16 <sup>th</sup> Nov	VI	Understand human-wildlife coexistence and the role of community participation in forest management.	Symbiotic relationship between tribals and forest; community participation; case study of Chipko movement
18 <sup>th</sup> Nov-23 <sup>rd</sup> Nov	VI	Learn about the role of sacred groves and the Bishnoi community in wildlife conservation.	Sacred groves; Bishnoi community conservation practices  Conservation reserves; community reserves; wildlife corridors
25 <sup>th</sup> Nov-27 <sup>th</sup> Nov	V&VI	Review and assess understanding of Unit V and VI.	Review and assess understanding of Unit V and VI.
28 <sup>th</sup> Nov			DISBERSAL OF CLASSES

<b>Work Plan (practical)</b>			
Period	Unit No.	Learning Objective	Topics to be Covered
1 <sup>st</sup> Aug -3 <sup>rd</sup> Aug	-	Prepare a case study that has potential to develop as a human-wildlife conflict.	Identify and select an area for the case study; research on potential human-wildlife conflicts in that area
5 <sup>th</sup> Aug-10 <sup>th</sup> Aug	-	Review and Report writing, checking	Review and Report writing, checking
12 <sup>th</sup> Aug-17 <sup>th</sup> Aug	-	Analyze the case study; identify and describe the aspects of the conflict; create a schematic diagram	Describe different aspects of human-wildlife conflict and depict all associated factors schematically.
19 <sup>th</sup> Aug-24 <sup>th</sup> Aug	-	Research historical cases; analyze solutions applied in the past and their relevance today	Demonstrate the importance of historical facts in providing solutions to present-day conflicts.
26 <sup>th</sup> Aug-31 <sup>st</sup> Aug	-	Review and Report writing, checking	Review and Report writing, checking

2 <sup>nd</sup> Sep-7 <sup>th</sup> Sep	-	Study multistage sampling techniques; discuss merits and demerits	Evaluate merits and demerits of multistage sampling technique while collecting information.
9 <sup>th</sup> Sep-14 <sup>th</sup> Sep	-	Questionnaire design principles; identifying key factors and variables	Develop a questionnaire to identify the causal factors of human-wildlife conflicts.
16 <sup>th</sup> Sep-21 <sup>st</sup> Sep	-	Review and Report writing, checking	Review and Report writing, checking
23 <sup>rd</sup> Sep-28 <sup>th</sup> Sep	-	Study psychological theories; analyze case studies with psychological factors	Analyze the roles of psychological factors in the development of human-wildlife conflicts.
30 <sup>th</sup> Sep-5 <sup>th</sup> Oct	-	Review and Report writing, checking	Review and Report writing, checking
7 <sup>th</sup> Oct-12 <sup>th</sup> Oct	-	Study the impact of resource scarcity and abundance on conflicts; analyze case studies	Evaluate the relationship between resource scarcity and abundance in determining conflicts.
14 <sup>th</sup> Oct-19 <sup>th</sup> Oct	-	Review and Report writing, checking	Review and Report writing, checking
21 <sup>st</sup> Oct-26 <sup>th</sup> Oct	-	Study institutional frameworks; analyze successes and failures in conflict resolution	Correlate the success and failure in resolving conflicts with institutional frameworks.
28 <sup>th</sup> Oct-2 <sup>nd</sup> Nov			MID SEMESTER BREAK
4 <sup>th</sup> Nov-9 <sup>th</sup> Nov	-	Methods of triangulation; field observation techniques; Problem Animal Control Reports	Use complementary methods to understand and suggest solutions for conflicts.
11 <sup>th</sup> Nov-16 <sup>th</sup> Nov	-	Study policy mediation techniques; analyze case studies of successful mediation	Understand mediation among policies on societal benefits and wildlife conservation
18 <sup>th</sup> Nov-23 <sup>rd</sup> Nov	-	Review and Feedback	Review key concepts and provide feedback on practical assignments.
25 <sup>th</sup> Nov-27 <sup>th</sup> Nov	-	Finalize and Feedback	Finalize and present all practical assignments, summarizing key findings and learnings.
28 <sup>th</sup> Nov			DISBERSAL OF CLASSES

Unit	TOPICS
I	<p><b>Introduction to Wildlife Management</b></p> <ul style="list-style-type: none"> <li>• <b>Need for Environmental Management:</b> Understanding the necessity of managing the environment for the sustainability of wildlife and ecosystems.</li> <li>• <b>Wildlife Conservation as a Moral Obligation:</b> Discussing the ethical considerations and responsibilities towards conserving wildlife.</li> <li>• <b>Philosophy of Wildlife Management:</b> Exploring the underlying principles and philosophies guiding wildlife management practices.</li> <li>• <b>Human-Wildlife Conflicts:</b> Understanding why it is crucial to address conflicts between humans and wildlife.</li> <li>• <b>Roles of Government, Wildlife Biologists, and Social Scientists:</b> Analyzing the contributions of various stakeholders in wildlife management.</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Concept of Deep and Shallow Ecology:</b> Differentiating between deep ecology (intrinsic value of all living beings) and shallow ecology (human-centered conservation).</li> </ul>
II	<p><b>Evolution of the Concept of Wildlife Management</b></p> <ul style="list-style-type: none"> <li>• <b>Historical Association between Wildlife and Humans:</b> Examining prehistoric records like Bhimbetka wall paintings.</li> <li>• <b>Conservation during King Ashoka's Reign:</b> Reviewing excerpts from rock edicts related to wildlife conservation.</li> <li>• <b>Bishnoi Community's Conservation Practices:</b> Understanding the Bishnoi community's role in wildlife conservation.</li> <li>• <b>Wildlife Management and Conservation Policies in the 21st Century:</b> Analyzing modern policies and their impact.</li> <li>• <b>Positive Values Provided by Wildlife Conservation:</b> Discussing the monetary, recreational, scientific, and ecological benefits of wildlife conservation.</li> </ul>
III	<p><b>Wildlife Conservation Laws in India</b></p> <ul style="list-style-type: none"> <li>• <b>Types of Protected Areas:</b> Understanding Wildlife Sanctuaries, National Parks, and Biosphere Reserves.</li> <li>• <b>IUCN Categories of Protected Areas:</b> Reviewing the International Union for Conservation of Nature (IUCN) categories.</li> <li>• <b>Natural World Heritage Sites:</b> Exploring the significance of World Heritage sites.</li> <li>• <b>Concept of Core and Buffer Areas:</b> Understanding the zoning within protected ranges.</li> <li>• <b>Introduction to Key Wildlife Protection Laws:</b> <ul style="list-style-type: none"> <li>○ Wildlife Protection Act of 1972</li> <li>○ Forest Act of 1927</li> <li>○ Environmental Protection Act of 1986</li> <li>○ Forest Conservation Act of 1920</li> </ul> </li> <li>• <b>Tiger Task Force and Status of Protected Areas in India:</b> Analyzing the efforts and current status.</li> </ul>
IV	<p><b>Socio-Economic and Legal Basis of Conflicts</b></p> <ul style="list-style-type: none"> <li>• <b>Development and Encroachment:</b> Exploring the concepts of development and encroachment on wildlife habitats.</li> <li>• <b>Impact of Conflict on Humans and Wildlife:</b> Assessing how conflicts affect both humans and wildlife.</li> <li>• <b>Impact of Habitat Fragmentation:</b> Understanding how fragmentation of habitats leads to conflicts.</li> <li>• <b>Social Inequality in Forest Conservation:</b> Discussing issues like luxury hotels within protected areas vs. displacement of native tribes.</li> <li>• <b>Forest Produce: Need vs. Exploitation:</b> Balancing the needs of forest produce with conservation.</li> <li>• <b>Introduction to Tribal Rights in India:</b> Exploring the rights of tribes and their importance.</li> <li>• <b>Demographic Profile of Tribes in India:</b> Understanding the demographic aspects of tribes.</li> <li>• <b>Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006:</b> Reviewing the act and its implications.</li> </ul>

V	<p><b>Wildlife Conflicts</b></p> <ul style="list-style-type: none"> <li>• <b>Case Studies of Wildlife Conflicts:</b> <ul style="list-style-type: none"> <li>○ Keoladeo National Park Conflict, Bharatpur</li> <li>○ Human-Elephant Conflicts in Kerala</li> <li>○ Fisherman-Tiger Conflict in Sundarbans Forest</li> <li>○ Shifting Cultivation in North East India</li> </ul> </li> </ul>
VI	<p><b>Human-Wildlife Coexistence</b></p> <ul style="list-style-type: none"> <li>• <b>Symbiotic Relationship between Tribals and Forest:</b> Exploring the mutually beneficial relationship between tribes and forests.</li> <li>• <b>Forest and Development:</b> Discussing how forests contribute to development.</li> <li>• <b>Inclusive Growth of Tribes:</b> Focusing on community participation in forest management.</li> <li>• <b>Case Studies:</b> <ul style="list-style-type: none"> <li>○ Chipko Movement</li> <li>○ Sacred Groves Forests</li> <li>○ Bishnoi Community's Conservation Practices</li> </ul> </li> <li>• <b>Ecological-Economic Welfare and Development:</b> Balancing conservation with economic welfare.</li> <li>• <b>Role of International Organizations:</b> Understanding programs like Man and Biosphere.</li> <li>• <b>Concept of Conservation and Community Reserves:</b> Exploring conservation strategies.</li> <li>• <b>Importance of Wildlife Corridors:</b> Discussing how corridors minimize conflicts and aid conservation.</li> </ul>
S. No.	Name of Authors/Books/Publishers
1.	Angelici, F.M. and Rossi, L., 2020. Problematic Wildlife II. Springer International Publishing.
2.	Conover, M. 2001. Resolving Human Wildlife Conflicts, CRC Press
3.	Conover, M.R. and Conover, D.O., 2022. Human-Wildlife Interactions: From Conflict to Coexistence. CRC Press.
4.	Hill, C.M., Webber, A.D. and Priston, N.E. eds., 2017. Understanding conflicts about wildlife: A Biosocial Approach (Vol. 9). Berghahn Books.