

DETAILED SCHEDULES

Mid Career Training of Indian Forest Service (IFS) Officers Phase-III

Modules Structure and design

By



Lead Institution

Indian Council of Forestry Research and Education, Dehradun

Partner Institutions

Wildlife Institute of India, Dehradun

Forest Survey of India, Dehradun

Indian Institute of Management, Ahmedabad

**Phase-III: Mid Career Training of Indian Forest Service (IFS) Officers:
Environment Impact Assessment & Valuation Module**

Module ID: P-III-2

21st-22nd December, 2009

Date Time	0900-0930	0930-1015	1015-1100	1100-1115	1115-1200	1200-1245	1245-1415	1415-1500	1500-1515	1515-1600	1600-1645
21.12.2009 (Monday)	Opening of MCT Programme at IGNFA, Dehradun. Welcome of participants by DG, ICFRE & introduction of faculty members	Environmental Policy Framework: Global and National perspectives [DV]	Tea Break		EIA: Legislative and Procedural aspects [AR]	Lunch Break		Shrinivas Memorial Lecture [from 1400-1515]	Tea Break	Case Study: Renuka HEP [VKT]	
22.12.2009 (Tuesday)	Recapitulation of previous day's delivery by the Module Leader	Framework for Biodiversity Inclusive Impact Assessment [AR]			EIA of Narmada Sagar Project: Lessons Learnt [VBM]			Strategic Environment Assessment (SEA): A tool for Integrated Sustainability Appraisal [VBM]			

Faculty:

AR - Dr Asha Rajwanshi, Head EIA WII Dehradun

VBM - Dr VB Mathur, Dean, WII Dehradun

VKT - Shri VK Tewari, Chief Environment Specialist, HPPCL, Shimla

DV - Dr. Dharmendra Verma, ADG (EIA) ICFRE Dehradun

**Phase-III: Mid Career Training of Indian Forest Service (IFS) Officers:
Emerging Environmental Issues on Forest Carbon & Climate Change Module**

Module ID: P-III-1

23rd-24th December, 2009

Date Time	0915-0930	0930-1015	1015-1100	1100-1115	1115-1200	1200-1245	1245-1415	1415-1500	1500-1515	1515-1600	1600-1645
23.12.2009 (Wednesday)	Introduction & Objectives of module by Module Leader	Climate Change and Natural Ecosystems : Projections and IPCC Reports [RS]	International Negotiations and Institutional Mechanism for Addressing Climate Change [RS]	Tea Break	CDM A/R Projects: Modalities and Procedures [VRSR]	Identification of baseline Scenarios and Additionality for Developing CDM A/R Projects [HDK]	Lunch Break	Evaluation of Ecosystem Services and Carbon Evaluation in the Himalayan Forest Ecosystems [SPS]	Tea Break	Changing Climate Scenario: Group discussion based on 'Inconvenient Truth' movie by Al Gore [AS]	
24.12.2009 (Thursday)	Recapitulation of previous day's delivery by the module Leader	Validation and Verification Process for CDM A/R Projects [MM]			Carbon Markets and Forestry Sector [UM]	CDM A/R projects in India: Case Study of Haryana [DC]		Forests and Climate Change: Vulnerability, Adaptation and Mitigation [RS]			

Faculty:

RS- Dr. Renu Singh, Head BCC, ICFRE

VRSR- Sh. VRS Rawat, Scientist-D, ICFRE

HDK- Shri H.D. Kulkarni

SPS- Prof S. P. Singh, Vice Chancellor (Retd.), HNB Garhwal University

DC- Sh. D. Chakraborty, Lecturer, AIGWES, Noida

MM- Shri Manu Mudgal, Technical Specialist, GTZ, New Delhi

UM- Shri Uma Maheshwaran

**Phase-III: Mid Career Training of Indian Forest Service (IFS) Officers:
Disaster Management Module
Module ID: P-III-4
26th December, 2009**

Date Time	0915-0930	0930-1015	1015-1100	1100-1115	1115-1200	1200-1245	1245-1415	1415-1500	1500-1515	1515-1600	1600-1645
26.12.2009 (Saturday)	Introduction & Objectives of module by Module leader [VRRS]	Institutional and Policy Framework for Disaster Management in India – National Disaster Management Framework. [AKG]	Management and control of forest fires [ARS]	Tea Break	Geo – Hazards in Himalayan Regions and Role of Forestry Sector in Disaster Management [PR]	Disaster Prevention, Mitigation and Management [AKG]	Lunch Break	Treatment of landslides in Varnavart – A case study [HB]	Tea Break	Preparation of District Disaster Management Plan [SN]	

Faculty:

VRRS- Dr. VRR Singh

ARS- Shri A.R. Sinha

PR- Dr Piyush Rautela

HB- Dr HB Vashishtha

AKG- Dr Anil Kumar Gupta

SN- Dr. Sumeet Naithani

**Phase-III: Mid Career Training of Indian Forest Service (IFS) Officers:
Management of Natural Resources: Issues Challenges & Approaches Module
Module ID: P-III-6
28th – 29th December, 2009**

Date Time	0915-0930	0930-1015	1015-1100	1100-1115	1115-1200	1200-1245	1245-1415	1415-1500	1500-1515	1515-1600	1600-1645
28.12.2009 (Monday)	Module Introduction & Objectives of module by Module Leader	Expanding scope and horizon of forestry through agro-forestry and extension. [RS]		Tea Break	Patenting Issues in NTFP trade [VCV]		Lunch Break	Resource Assessment of NTFPs [GSR]		Tea Break	Certification standards for NTFP trade [PB]
29.12.2009 (Tuesday)	Recapitulation of previous day's delivery by the Module Leader	Sustainable Management of NTFPs - case-studies [BMSR]			Money Laundering Act & Role of Forest Officers [RKU]			Challenges & Planning for management of forests & Natural resources [RBSR]			Marketing Channel Efficiency [NSB]
Evening session (28.12.2009/ 29.12.2009)		Open session on Forest Law (Evening) 6:00pm to 7:30 pm, with discussions on legal issues confronting [RKU]									

Date Time	0915-0930	0930-1015	1015-1100	1100-1115	1115-1200	1200-1245	1245-1415	1415-1500	1500-1515	1515-1600	1600-1645	
30.12.2009 (Wednesday)	Recapitulation of previous day's delivery by the modulator	National Bamboo Mission case studies [VD]	Bamboo Resources of our country [HBN]	Tea Break	Public-Industrial participation & partnership for wood production [RCD]	Expanding scope and horizon of forestry through urban forestry and extension [PVR]	Lunch Break	Module P-III-3	Tea Break	Module P-III-3		
03.01.2010 (Sunday)		Field Visit (OPTIONAL) Medicinal plants nursery, Lesser known tree species, CAP, Selaqui, etc. / Mussoorie - works of eco task force [NWFP / Silvi. / Ecology Division]										

Faculty:

RBSR - Dr. R.B.S.Rawat, IFS, PCCF, UK

PVR- Dr. P.V. Ramanareddy, Executive Director, Andhra Pradesh Tourism Development Corpn, 3-5-891, Himanat Nagar, Hyderabad

RS- Dr. Ramesh Singh, IFS, PCCF Haryana

BMSR- Sh. BMS Rathore, IFS, Winrock International

VCV- Dr. V.C. Vivekanandan, Dean, RGSIP, IIT Khrgrpr

GSR- Sh. G.S. Rawat, IFS, Professor, WII

NSB- Dr. N.S. Bisht, IFS, CCF, Mizoram

HBN- Dr HB Naithani, Consultant and Bamboo expert, UK

RCD- Dr. R.C. Dhiman, Genral Manager, WIMCO

RKU- Sh. R.K. Upadhyay, IFS, Conservator of Forests (Publicity), Tamil Nadu Forest Deptt.

PB- Sh. P Bhattacharya, Professor, IIFM

VD- Sh. Vimal Dhiman, Manager, UBFDB, UK

**Phase-III: Mid Career Training of Indian Forest Service (IFS) Officers:
Bioremediation & other Mitigation Measures Module
Module ID: P-III-3
30th December, 2009**

Date Time	0915-0930	0930-1015	1015-1100	1100-1115	1115-1200	1200-1245	1245-1415	1415-1500	1500-1515	1515-1600	1600-1645
30.12.2009 (Wednesday)	Introduction & Objectives of module by Module Leader	Module P-III-6		Tea Break	Module P-III-6		Lunch Break	Regional & global environmental Problems [PS]	Tea Break	Characterization of solid waste for hazardous nature & its disposal [AKT]	Bioremediation mitigation measures in promoting sustainable development. (Case Studies) [NSKH]

Faculty:

PS- Dr. (Mrs.) P.Soni

AKT- Dr. A.K. Tripathi

NSKH- Dr. NSK Harsh, Head, Forest Pathology Division, FRI

**Phase-III: Mid Career Training of Indian Forest Service (IFS) Officers:
Geomatics in Natural Resource Management**

Module ID: P-III-8

31st December, 2009, 1st & 2nd January 2010

Date Time	0915-0930	0930-0945	0945-1105	1105-1125	1125-1210	1210-1305	1305-1400	1400-1530	1530-1600	1600-1645
31.12.2009 (Thursday)	Introduction & Objectives of module by Module Leader	Role of Geo-informatics in Forestry [RDJ]	Application of remote sensing, GIS and GPS in forestry: an overview [SA]	Tea Break	Introduction to Global Positioning System [SS]	Demonstration and hands on exercise on hand held GPS [SS, SR, VKB, UC]	Lunch Break	Demonstration and hands on exercise on hand held GPS [SS, SR, VKB, UC]	Tea Break	Demonstration and hands on exercise on differential GPS [SS, SR, VKB, UC]
01.01.2010 (Friday)	Recapitulation of previous day's delivery by the Module Leader	Practical exercise on Geo-rectification of map* (Using high resolution satellite data, differential global positioning system and Digital Image Processing Software) [SA, RKB, SS, SMR, SR, KR]			Practical exercise on Geo-rectification of map [SA, RKB, SS, SMR, SR, KR]			Practical exercise on Geo-rectification of map [SA, RKB, SS, SMR, SR, KR]		Visit to National Forest Data Management Centre & Demonstration of Forest Type Mapping [RKB, TK]
02.01.2010 (Friday)	Recapitulation of previous day's delivery by the module Leader	Demonstration of software to discern encroachment with respect to the 'Tribals and Forest Dwellers' Act [AKJ]			Effective use of internet for geo-informatics [RKB]	Carbon assessment of India's forests [RK]		Analysis of eligibility of land for afforestation and reforestation projects under clean development mechanism(CDM) & brief presentation on Forest Type Mapping of India [SA]		Visit to National Forest Data Management Centre & Demonstration of Forest Type Mapping [RKB, TK]

Faculty:

RDJ - Dr. R.D. Jakati, Director General, FSI

AKJ – Shri A.K. Jha, CCF Maharashtra

SA – Shri Subhash Ashutosh, Joint Director (NFDMC), FSI

RK – Shri Rajesh Kumar, Sr. Deputy Director, FSI

KR – Kumar Rajeev, Technical Associate, FSI

SAg – Shri Sanjay Aggarwal, Senior Technical Assistant, FSI

SR – Shri Sanjay Rawat, Senior Technical Assistant, FSI

UC – Shri Uttam Chand, Junior Technical Assistant, FSI

VKB – Shri V.K. Bhalla, Ex-STA, FSI

RKB – Shri Raj Kumar Bajpai, Deputy Director, FSI

SS – Shri Sushant Sharma, Deputy Director, FSI

SMR – Shri S.M. Ravi, Assistant Director, FSI

TK – Tajinder Kaur, Technical Associate, FSI

**Phase-III: Mid Career Training of Indian Forest Service (IFS) Officers:
Wildlife and Biodiversity Conservation Module
Module ID: P-III-10&11
4-13th January, 2010**

Date	0900-0915	0915-1015	1020-1120	1120-1145	1145-1300	1300-1430	1430-1530	1530-1545	1545-1715
04-01-10 (Monday)		Introduction to the module. Presentation on WII's Mandate & Achievements [DM]	Changing scenario in forestry sector with special reference to Wildlife Management contd... [HSP]	Tea Break	Changing scenario in forestry sector with special reference to Wildlife Management [HSP]	Lunch	Application of Modern Technologies in Wildlife Conservation [QQ]	Tea Break	Natural Heritage Conservation [VBM]
05-01-10 (Tuesday)	Recapitulation of previous day's delivery by the Module Leader	Visit to Forensic Lab, WII (Group-A) [SPG/SKG] Discussion on Research-Management Interface (Group-B) [PKM]	Visit to Forensic Lab, WII (Group-B) [SPG/SKG] Discussion on Research-Management Interface (Group-A) [PKM]		contd...		Species based conservation approaches: Snow Leopard [YVB]		Panel Discussion: Species based conservation approaches [AK/ KR/ YVB]
06-01-10 (Wednesday)	--do--	Panel Discussion: Human Wildlife Conflict Mitigation [VT/ SSB/PRS]			Wetland Management [SAH]		Visit to Asan Conservation Reserve [DM/PS/SS/GGV]		
07-01-10 (Thursday)	--do--	Panel Discussion: Tiger Re-introduction in India [HSPL/PRS/KR/PN]			Tiger Conservation: Panna Story [HSPL]		Management of Corbett Tiger Reserve: An Overview [RB]	Tea Break	Population Estimation in Wild Carnivores [HSPL]
08-01-10	Field visit to Corbett Tiger Reserve								

Date	0900-0915	0915-1015	1020-1120	1120-1145	1145-1300	1300-1430	1430-1530	1530-1545	1545-1715
(Friday)					[VBS/HSPL/SS/DM/RAK/TT/ADC]				
09-01-10 (Saturday)					Field visit to Corbett Tiger Reserve [VBS/HSPL/SS/DM/RAK/TT/ADC]				
10-01-10 (Sunday)					Field visit to Corbett Tiger Reserve [VBS/HSPL/SS/DM/RAK/TT/ADC]				
11-01-10 (Monday)	Recapitulation of previous day's delivery by the Module Leader	Management Planning [VBS]	Tiger Conservation Plans [PKM]	Tea Break	Participatory Approaches in Wildlife Conservation [VKM]	Lunch	Preparation of Management Plan of Dudhwa Landscape [RUD]	Tea Break	Panel Discussion: Participatory Management in PAs [VKM/AKB/TT/RB]
12-01-10 (Tuesday)	--do--	Policy and Legal Instruments for Wildlife Conservation [RD]			Field visit to Rajaji National Park Group A: Chilla; Group B: Gandikhata [AKB/SPG/BKM/GGV/TT/ADC]				
13-01-10 (Wednesday)	--do--	Biodiversity Loss and Emerging Infectious Diseases [PKML]	Valuation of Ecosystem Services [AR]	Tea Break	Management Effectiveness Evaluation of PAs [VBM]	Course Feedback and Evaluation & Lunch [PRS/VBM/DM]			

Faculty:

DM-Dr. Dhananjai Mohan
AK-Dr. Anmol Kumar

HSP-Shri H.S. Panwar
YVB-Dr. Yash Veer
Bhatnagar

RD- Shri Ritwik Dutta
BCC-Shri B.C. Choudhury

VBM-Dr. V.B. Mathur
PKM-Dr. P.K. Mathur

SAH-Dr. S.A. Hussain
SPG-Dr. S.P. Goyal

KS-Dr. K. Sivakumar
VBS-Shri V.B. Sawakar
VKM-Dr. V.K. Melkani
QQ-Qamar Qureshi
RAK-Shri Rakesh Dogra

PS-Shri Pratap Singh
PRS-Shri P.R. Sinha
VT-Shri Vinay Tandon
SSB-Shri S.S. Bist
TT-Dr. Tara Teel, CSU

GGV-Shri Gopi G.V.
RB-Shri Rajiv Bhartari
KR-Dr. K. Ramesh
RUD-Shri Rupak De
ADC- Mr. Andrew Don Carlos, CSU

HSPL-Dr. H.S. Pabla
BKM-Dr. B.K. Mishra
SS-Shri S. Sen
AR-Dr. Asha Rajvanshi

SKG-Shri S.K. Gupta
PKML-Dr. P.K. Malik
AKB-Dr. A.K. Bhardwaj
PN-Dr. Parag Nigam

**Phase-III: Mid Career Training of Indian Forest Service (IFS) Officers:
Project Formulation, Implementation, Monitoring and Evaluation Module
Module ID: P-III-9
13th - 14th January, 2010**

Time Date	0900-0915	0915-1015 1015-1100	1100- 1115	1115-1200 1200-1245	1245- 1400	1400 - 1415	1415-1500	1500- 1515	1515-1600 1600-1645
13.01.2010 (Wednesday)	Module P-III-10 & 11	Module P-III-10 & 11	Tea Break	Module P-III-10 & 11	Lunch Break	Module Introduction & Objectives of module by Module Leader	How to write scientific reports [SK]	Tea Break	Basic techniques & approaches of planning, project formulation, monitoring & evaluation [JC/SMV]
14.01.2010 (Thursday)	Recapitulation of previous day's delivery by the Module Leader	Project formulation exercise by groups. [PA/JC/SMV]		Project formulation exercise by groups. [PA/JC/SMV]		Presentation & discussion on the group exercise. [PA/JC/SMV]	Demonstration of a feasible Project; Summarization of module by the module leader [PA/JC/SMV]		

Faculty:

JC- Dr. Jagannadham Challa, National Academy of Agricultural Research (ICAR), Hyderabad
SMV- Dr. S.M. Virmani, Retd. Scientist, International Crops Research Institute for the Semi-Arid Tropics, Hyderabad

SK- Dr. Shailendra Kumar, Prof., Department of Library and Information Science, Delhi University
PA- Sh. Pankaj Agrawal, ADG(PF), ICFRE, Dehradun

