

APF Net Curriculum 4
Sustainable Use of Forest Ecosystem Services

Course Schedule

Start Week	Module/Unit	Core Ideas	Learning Activities
❖ Module 1: Concept of Sustainable Development Revisit (by Wan Razali)			
1	Module 1 Topic 1 Economic Growth and Sustainable Development	TBD	<ul style="list-style-type: none"> ○ Review course introduction and overview materials. ○ Read background information ○ Read online lecture presentations ○ Investigate resources ○ Answer self-reflection questions
1	Module 1 Topic 2 SFM Criteria and Indicators of Inter-governmental Processes	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentation ○ Investigate resources ○ Answer self-reflection questions
2	Module 1 Topic 3 SFM Principle and Criteria of Non-Governmental Processes	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentations ○ Answer self-reflection questions
2	Module 1 Topic 4 SFM Criteria and Indicators of Region and/or Country led Initiatives	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentation ○ Answer self-reflection questions ○ Do a self-test for Module 1
❖ Module 2: Classification of Forest Ecosystem Services (FES) (by Awang Noor)			
3	Module 2 Topic 1 Provisioning Services & Regulating Services	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentations ○ Investigate resources ○ Answer self-reflection questions

4	Module 2 Topic 2 Supporting Services & Cultural Services	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentations ○ Investigate resources ○ Answer self-reflection questions
4	Module 2 Topic 3 Importance of Forest Ecosystem Services in National Economy	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentations ○ Investigate resources ○ Answer self-reflection questions ○ Do a self-test for Module 2
❖ Module 3: Multiple Use Concept and Sustainable Use of Forest Ecosystem Services (by Awang Noor & Wan Razali)			
5	Module 3 Topic 1 Multiple use Approach and Trade-offs	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentation ○ Investigate resources ○ Answer self-reflection questions
6	Module 3 Topic 2 Strategic Use and Conservation of Forest Resources	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentation ○ Investigate resources ○ Answer self-reflection questions ○ Do a self-test for Module 3
❖ Module 4: Concept and Theory of Economic Valuation of Forest Ecosystem Services (by Awang Noor)			
7	Module 4 Topic 1 Utility Theory and Welfare Economics	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentation ○ Investigate resources ○ Answer self-reflection questions
8	Module 4 Topic 2 Economic Valuation of FES	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentation ○ Investigate resources ○ Answer self-reflection questions ○ Do a self-test for Module 4

❖ **Module 5: Approaches and Techniques of Forest Ecosystem Services Valuation**
(by Awang Noor)

9	Module 5 Topic 1 Market-based Techniques	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentations ○ Investigate resources ○ Answer self-reflection questions
10	Module 5 Topic 2 Stated Preference Methods - CVM vs. DCM	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentations ○ Investigate resources ○ Answer self-reflection questions
11	Module 5 Topic 3 Revealed Preference Methods - TCM vs. Hedonic Price	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentations ○ Investigate resources ○ Answer self-reflection questions ○ Do a self-test for Module 5

❖ **Module 6: Application of Forest Ecosystem Services Valuation and Case Study of Economic Valuation (by Awang Noor & Wan Razali)**

12 & 13	Module 6 Topic 1 Benefit Cost Analysis (BCA), Natural Resources Accounting in National Forest Policy	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read online lecture presentations ○ Investigate resources ○ Answer self-reflection questions
13 & 14	Module 6 Topic 2 A Case Study of Economic Valuation - Stumpage Valuation & Recreation and Protected Area Valuations	TBD	<ul style="list-style-type: none"> ○ Read background information ○ Read lecture presentations ○ Investigate resources ○ Answer self-reflection questions ○ Do a self-test for Module 6