Summary of Workshop Evaluation
Environmental and Natural Resource Economics Course
5th – 24th May, 06
Workshop Value and Quality

Part 1: Overall Evaluation

S.N	Questions	Respondents Grades				
		Low			High	
		1	**2**	**3**	**4**	**5**
1.	Relevance of this activity to your current work			2	9	10
2.	Extent to which you have acquired information that is new to you			3	8	10
3.	Usefulness to you of the information that you have acquired			1	9	11
4.	Focus of this activity on what you specifically needed to learn			1	10	10
5.	Extent to which the content of this activity matched the announced objectives				6	15
6.	Overall usefulness of this activity				6	15
7.	Please identify sessions that were MOST useful to you ▪ Economic valuation of non-marketed goods ▪ Resources extraction (renewable and non-renewable resources) ▪ Externalities, policy, poverty and environment ▪ Valuation of environmental goods and services (Non-market goods) ▪ Amalgam of maths, economics and environment ▪ Renewable resources ▪ CPR and game theory ▪ Review of welfare economics ▪ Introduction to public goods and externalities ▪ Health impact ▪ Poverty and environment ▪ Environment taxes, fees, charges ▪ TCM ▪ Non-renewable resources	5 3 1 2 1 8 3 2 7 6 5 1 1 3 2				

	▪ Tradeable permits	6
	▪ Valuing productivity changes	2
	▪ Math economics review, project preparation and presentation	2
	▪ Management of water resources	1
	▪ Hedonic price model	
8.	Please identify sessions that were LEAST useful to you	
	▪ Environmental pollution	1
	▪ Water resources in Bangladesh	3
	▪ Climate change	6
	▪ TDP game	1
	▪ CPR and game theory	2
	▪ Math and economic review	2
	▪ Renewable resources	1
	▪ Introduction to non-renewable resources	1
	▪ Air pollution Delhi study	1
	▪ Stated preferences	1
	▪ Introduction to public goods and externalities	1

Other Comments

1. This workshop was very helpful as I was new to environment and natural resources economics. Including econometrics will be more fruitful in future.
2. Average quality of the workshop was above expectation.
3. The course provided many inputs in environment and natural resources. It gave good opportunity to non-environmentalists who can now use EE in their carrier. If the course is scheduled for a month, it will be good.
4. Workshop is very useful but if its degree of difficulty can be reduced its better (Since it is an introductory course).
5. More detailed analysis of empirical problems and practical problems would be helpful.
6. Preferably more concentration should be one applied side.
7. It will be better to incorporate review of econometrics in the course.
8. Training duration should be increased for one more week and courses on econometrics and research methodology should be added. Data analyses on computer software should also be included in assignment.
9. It is very well planned and good course. I am a teacher and I am going to offer this course at graduate and post-graduate level classes.
10. I am not from pure economics background. And I had little knowledge of economics and lots of interests in natural resources and environmental economics. After attending this course, I found it more useful to me for my further professional and academic carrier.
11. Very good program to encourage youths toward environmental issues. This rewards SANDEE for long lasting.
12. Sessions on related to agriculture and environment based on chemical (pesticide, fertilizers) use in agricultural production and environment would be more useful for the agriculture related people to develop correct concept notes. Information on how to link soil renewable resources with environment where data on soils are limited and changes with natural condition as well would have been very useful.
13. Anu's personal care, strong capacity building, good participatory approach, good exchange of thoughts, personal care, and Priya's personality,

unforgettable in life – all have made me emotional while leaving.

14. It is a great opportunity for new researchers for capacity building and doing research. Exchange and sharing of research methodology was very useful.
15. Need more days for training. Econometrics review was helpful and would be fine if it is incorporated with the training session.
16. I think it would have been better if we could include, some sessions on solid waste management.
17. Course is very much useful for me as I have done economics and agriculture but not environmental and resource economics. I can start research on this area and teach certain areas in a more confident manner as an academician and a researcher.
18. Lack of internet facility became a very big issue.
19. The course provided a very good starting point.
20. If you can introduce new reading materials on mining problem and renewable resources it will be more beneficial.
21. Most topics start with econometrics; it would be useful to have adequate theoretical background.
22. Impact of climate change on economy especially food security, biodiversity and renewable resources should be included.

Part 2: Module Evaluation

S.N	Questions	Respondents Grades				
		Low				**High**
Module 1: Review of concepts		**1**	**2**	**3**	**4**	**5**
1.	The module provided a good review of the subject matter.			2	15	6
2.	The lectures were appropriate given the topic			2	14	7
3.	The readings were relevant			1	14	8
4.	The level of difficulty of the readings was just right			5	12	4
5.	Additional comments, if any 1. It would have been better if we had done consumer theory and production theory well first, mathematically with some application assignment and functions forms. 2. The lecture topics are relevant to the model but model have many reference topics which are not handled properly i.e. skipped or left for researcher's to learn themselves. 3. It could be very useful if the instructor used some examples in the class. 4. We need to solve numerical problems while discussing the topics. Take numbers instead of just notations and abstracts, one that student understand and go for generalization. 5. Explained well. 6. Exceptionally good.						
Module 2: Economics of Natural Resource Management						
1.	The module provided a good review of the subject matter.		1		11	11
2.	The lectures were appropriate given the topic			1	8	14
3.	The readings were relevant			3	10	10
4.	The level of difficulty of the readings was just right		1	8	8	6
5.	The non lecture sessions (assignment, presentations, discussions) were very instructive		3	5	10	5
6.	Additional comments, if any 1. Operato optimality should be covered full.						

	2. Without basic knowledge it was difficult to solve the problems and also to understand things clearly. 3. More practical/applied assignment should be included. 4. Assignments should be provided with the assistance of the instructor. 5. In some cases it was difficult to applying theory to practical application. 6. More theoretical. 7. I could get nice conceptual clarity. 8. Biodiversity was missing in sessions. 9. Actually lot of lectures is needed to understand such a massive but very important topic like the global and regional economy.				

Module 3: Pollution Management

1.	The module provided a good review of the subject matter.		1	3	12	7
2.	The lectures were appropriate given the topic		1		13	9
3.	The readings were relevant			3	8	12
4.	The level of difficulty of the readings was just right		3	5	7	8
5.	The non lecture sessions (assignment, presentations, discussions) were very instructive		2	5	7	9

6. Additional comments, if any

1. Just covered Chapter 5, 7 and 9 of Kolstad partially - empirical studies should be part of it. Assignments were good but reading time and time available for assignment was very short.
2. First day was very hectic but gradually it became interesting.
3. Discussion on assignment in some cases was too fast to understand.
4. Fantastic
5. Difficult to apply theory to solve problem of Kolstad.
6. Covered well, but more time required
7. All types of pollution management were not taught within the limited period of time. Lecturer was concerned with air and water pollution but solid waste pollution was totally absent.

Module 4: Valuation of Environmental Problems

1.	The module provided a good review of the subject matter.			2	12	8
2.	The lectures were appropriate given the topic		1	4	11	6
3.	The readings were relevant		1	4	9	8
4.	The level of difficulty of the readings was just right		1	3	13	5

5.	The non lecture sessions (assignment, presentations, discussions) were very instructive	1	1	8	6	6
6.	Additional comments, if any 1. Climate change presentation was poor. 2. More empirical focus needed. 3. Presentation was poor. 4. There should be some more empirical work presentation on stated preference and hedonic prices. 5. Assignment given to us was little difficult to do, since we were new to the area. If you could provide guidance it would be very much helpful. 6. Environmental issues related with agriculture were limited. 7. More examples should be included. 8. Some of the important issues -drawback of Travel Cost model were left out to be covered.					

Module 5: Policies and Practices

1.	The module provided a good review of the subject matter.			1	16	5
2.	The lectures were appropriate given the topic			4	14	4
3.	The readings were relevant			3	12	7
4.	The level of difficulty of the readings was just right			7	6	9
5.	Additional comments, if any 1. Floating question and answering them through empirical findings was really good. 2. Climate change session was not so good. It did not depict the real picture of climate change, its mechanics and who is vulnerable to which climatic factors. 3. Water resource management presented an overview of the region from a height of 40,000ft. It did not explain hardware and software arrangement for water resource management, system losses, sources of inefficiencies etc. 4. If you could include some theoretical background to poverty, it would be easy to understand. (Not having concepts of poverty, difficult to understand the knowledge). 5. Limited examples were given with regard to agriculture and poverty, impact of climate change and affect on agriculture. 6. The lecture on water resource management was very interesting and the poverty and environment lectures were informative. 7. Need more time for understanding poverty and environment concept in detail. 8. Climate change - not satisfactory, explanation was not up to the mark. It must be discussed in the way poverty and environment was discussed. 9. Climate change could have been discussed in a formal manner. Research issues were not clearly identified. 10. Lectures on climate change were very general and not covering the more important issues of climate change.					

Part 3: Assignment Evaluation

S.N	Questions	Respondents Grades				
		Low			High	
1.	Please, rate the assignments according to its usefulness to you	**1**	**2**	**3**	**4**	**5**
a.	Assignment 1: The Mining Problem		1	5	10	6
b.	Assignment 2: Estimation of Maximum Sustainable Yield (Fisheries)			2	13	7
c.	Assignment 3: Eco-system Services/ Reading and group presentation			6	8	8
d.	Assignment 4: Problem set on externalities		3	6	7	6
e.	Assignment 5: Problem set 1-7 from chapter 5, Kolstad			6	8	8
f.	Assignment 6: Kolstad Chapter 7: 1, 5, 6 and Kolstad Chapter 9: 3, 4, 6, 7			6	9	7
g.	Assignment 7: Travel Cost		1	2	9	9
h.	Assignment 8: Reading and presentation on productivity changes			4	7	11
i.	Assignment 9: CBA		1	2	7	12
j.	Research idea presentation				3	19
k.	Rate the ecosystem services field visit		1	7	9	4

		Too Difficult	About Right	Too Easy
2.	The level of difficulty of assignments was			
a.	Assignment 1: The Mining Problem	2	19	1
b.	Assignment 2: Estimation of Maximum Sustainable Yield (Fisheries)		19	3
c.	Assignment 3: Eco-system Services/ Reading and group presentation	1	12	9
d.	Assignment 4: Problem set on externalities	10	10	2
e.	Assignment 5: Problem set 1-7 from chapter 5, Kolstad	9	12	1
f.	Assignment 6: Kolstad Chapter 7: 1, 5, 6 and Kolstad Chapter 9: 3, 4, 6, 7	9	12	1
g.	Assignment 7: Travel Cost	5	16	1
h.	Assignment 8: Reading and presentation on productivity changes	2	18	2
i.	Assignment 9: CBA	3	14	5
3.	Please identify the assignments that were MOST useful to you ▪ Travel cost ▪ Mining problem ▪ Fisheries ▪ Eco-system services ▪ Productivity changes ▪ CBA ▪ Kolstad book exercise ▪ Externalities	9 3 3 1 4 9 2 3		
4.	Please identify the assignments that were LEAST useful to you ▪ CBA ▪ Reading on ecosystem services ▪ Fishing ▪ Externalities ▪ Kolstad exercises	4 4 1 3 4		

	▪ Mining Problem	4
	▪ Travel cost	2
5.	Other comments 1. Estimation of vulnerability in gradually degrading environment was missing. 2. No assignment on economic valuation of noise. 3. Empirically oriented tools would be more useful. The assignments were more sealed with the gymnastics of mind and spending a lot of time on solutions rather than this conceptualizing type of problem and introducing more empirical and policy oriented exercises will be good. Environment (from Kolstad) resource person should be introducing more literate. We completed five chapters of Kolstad in two sessions and were asked to solve the problems and in the next two days the resource person failed to give us exposure to next two chapters. 4. If you can introduce new reading materials on mining problem and renewable resources it will be more beneficial. 5. It is better if you can give new assignments on CBA, TC and fisheries. 6. Assignments are good but should give sufficient time and facilities. 7. For highly difficult problems such as assignments by Dr. Shreekant, I feel a little time should be given first to absorb the lectures and then apply. 8. The entire set of assignments on externalities was extremely difficult, but taught a lot. 9. Some empirical examples from externalities were needed.	

Part 4: Faculty Evaluation

S.N	Questions	Respondents Grades				

Name of the Faculty: Prof. R. N. Bhattacharya
Module: Economics of Natural Resource Management

S.N	Questions	Low				High
		1	**2**	**3**	**4**	**5**
I.	**Knowledge and Mastery of the subject matter – the instructor………..**					
1.	Demonstrates thorough and broad knowledge of the subject				8	15
2.	Identifies and stresses important points		1	1	9	12
3.	Relates the topic to current policy issues/concerns	1	1	6	13	2
4.	Uses a comprehensive up-to-date and relevant reading list		2	6	9	6
II.	**Organization and planning – the instructor………**					
1.	Explains the objectives, expectations and requirements of the session				12	11
2.	Comes to class well prepared				5	18
3.	Presents the subject matter clearly and systematically				6	17
4.	Uses interesting teaching methods and instructional materials				13	8
III.	**Motivation for learning- the instructor……….**					
1.	Stimulates the participants to learn more			4	10	9
2.	Fosters an atmosphere that encourages class participation			5	11	7

		1	2	3	4	5
3.	Invites questions from the participants		1	7	5	10
4.	Answers questions adequately			1	8	14

		Low				High
IV.	**Communication- the instructor………**	**1**	**2**	**3**	**4**	**5**
1.	Speaks clearly and audibly				5	18
2	Respects participants' comprehend and appreciate complex ideas				7	16
3.	Is able to make participants comprehend and appreciate complex ideas			3	7	13
4.	Explains the concepts again when the concepts are not well understood		1		5	17
5.	Admits errors is the presentation of subject matter		3	3	8	9
6.	Treats participants tactfully; does not embarrass them				7	16
7.	Invites respect through behavior and general appearance			2	4	17

V.	**Other comments**

1. I express my love and respect for him for his ideal approach. May he live long to contribute more to this field. His love for me is unforgettable.
2. He is a fantastic teacher and has the ability to keep all the participants attentive throughout the whole class - and I think he deserves a little bit more time and I expect that will be better for us.
3. He is very good teacher, should be given more time to teach
4. Intelligent

Name of the Faculty: Prof. Enamul Haque
Module: Valuation of Environmental Problem

		Low				High
I.	**Knowledge and Mastery of the subject matter - the instructor………..**	**1**	**2**	**3**	**4**	**5**
1.	Demonstrates thorough and broad knowledge of the subject				4	18
2.	Identifies and stresses important points				4	15
3.	Relates the topic to current policy issues/concerns				8	14
4.	Uses a comprehensive up-to-date and relevant reading list			1	10	11
II.	**Organization and planning - the instructor………**					
1.	Explains the objectives, expectations and requirements of the session			1	10	11
2.	Comes to class well prepared		1	4	6	11
3.	Presents the subject matter clearly and systematically		1	2	9	10
4.	Uses interesting teaching methods and instructional materials		2	4	7	9
III.	**Motivation for learning- the instructor……….**					
1.	Stimulates the participants to learn more			1	8	12
2.	Fosters an atmosphere that encourages class participation		1	1	11	9
3.	Invites questions from the participants		1	1	10	10
4.	Answers questions adequately		1	3	6	12

		Low				High
IV.	**Communication - the instructor………**	**1**	**2**	**3**	**4**	**5**
1.	Speaks clearly and audibly		1		7	14
2	Respects participants' comprehend and appreciate complex ideas	1		1	8	12
3.	Is able to make participants comprehend and appreciate complex ideas	1			9	12
4.	Explains the concepts again when the concepts are not well understood	1		1	8	12
5.	Admits errors is the presentation of subject matter		2	1	6	13
6.	Treats participants tactfully; does not embarrass them		1		6	15
7.	Invites respect through behavior and general appearance	1		1	5	15
V.	**Other comments**					

1. A very good lecturer who can teach subject matters to new one (beginner).
2. More depth is required.

S.N	Questions	Respondents Grades				

Name of the Faculty: Dr. Shreekant Gupta
Module: Pollution Management

S.N	Questions	Low				High
I.	**Knowledge and Mastery of the subject matter - he instructor………..**	**1**	**2**	**3**	**4**	**5**
1.	Demonstrates thorough and broad knowledge of the subject		1	1	6	15
2.	Identifies and stresses important points			2	8	13
3.	Relates the topic to current policy issues/concerns			3	8	12
4.	Uses a comprehensive up-to-date and relevant reading list		1	1	9	12
II.	**Organization and planning - the instructor………**					
1.	Explains the objectives, expectations and requirements of the session		1	3	9	10
2.	Comes to class well prepared		2	3	7	11
3.	Presents the subject matter clearly and systematically		1		16	6
4.	Uses interesting teaching methods and instructional materials		2	2	11	8
III.	**Motivation for learning- the instructor……….**					
1.	Stimulates the participants to learn more	1			11	11
2.	Fosters an atmosphere that encourages class participation		1	2	8	12
3.	Invites questions from the participants	1		2	4	16
4.	Answers questions adequately			3	3	17

| IV. | Communication - the instructor……… | Low | | | | High |
		1	2	3	4	5
1.	Speaks clearly and audibly				5	18
2	Respects participants' comprehend and appreciate complex ideas				6	17
3.	Is able to make participants comprehend and appreciate complex ideas	1	1	3	8	10
4.	Explains the concepts again when the concepts are not well understood		1	1	7	14
5.	Admits errors is the presentation of subject matter		2	2	6	13
6.	Treats participants tactfully; does not embarrass them			1	10	12
7.	Invites respect through behavior and general appearance			3	6	14

V. **Other comments**

1. He should be well prepared and should have covered more material related to latest developments, happenings in the world and South Asia.
2. More time should be given to him.
3. A very good teacher.
4. He was very good in his knowledge and expression. But I did not appreciate the incentives and encouragement method he adopted by giving dollars for those who came out successful. This is not expected at this level.
5. Goes a little bit fast maybe due to less time and more stuff to cover.

S.N	Questions	Respondents Grades				
		Low				**High**
		1	**2**	**3**	**4**	**5**
	Name of the Faculty: Dr. Priya Shyamsundar **Module: Policies and Practices**					
I.	**Knowledge and Mastery of the subject matter - the instructor………..**					
1.	Demonstrates thorough and broad knowledge of the subject				5	17
2.	Identifies and stresses important points				9	13
3.	Relates the topic to current policy issues/concerns				8	14
4.	Uses a comprehensive up-to-date and relevant reading list			1	8	13
II.	**Organization and planning - the instructor………**					
1.	Explains the objectives, expectations and requirements of the session			1	8	13
2.	Comes to class well prepared			1	7	14
3.	Presents the subject matter clearly and systematically			2	5	15
4.	Uses interesting teaching methods and instructional materials				12	9
III.	**Motivation for learning- the instructor……….**			1	4	17
1.	Stimulates the participants to learn more			1	3	18
2.	Fosters an atmosphere that encourages class participation			1	3	18
3.	Invites questions from the participants			2	4	16
4.	Answers questions adequately				4	18

IV.	Communication - the instructor………	Low				High
		1	**2**	**3**	**4**	**5**
1.	Speaks clearly and audibly				4	18
2	Respects participants' comprehend and appreciate complex ideas	1		1	2	18
3.	Is able to make participants comprehend and appreciate complex ideas		1	1	5	15
4.	Explains the concepts again when the concepts are not well understood				6	16
5.	Treats participants tactfully; does not embarrass them	1			6	15
6.	Invites respect through behavior and general appearance	1		1	2	18

V. **Other comments**

1. It could be useful if you can give basic concepts for analyzing it. For example, in poverty lecture, it's better if we were given some basic idea about poverty and measurement.
2. She is "great', great researchers with vast knowledge. Inspiring approach, salute to her.
3. Assignment was missing.
4. She is inspiring lady. She has got enough capacity to motivate others.
5. Very Good
6. More preparation required.

S.N	Questions	Respondents Grades				

S.N	Questions	Low 1	2	3	4	High 5
	Name of the Faculty: Tanzir Chowdhury					
I.	**Knowledge and Mastery of the subject matter -the instructor………..**					
1.	Demonstrates thorough and broad knowledge of the subject			1	14	7
2.	Identifies and stresses important points	1		8	6	7
3.	Relates the topic to current policy issues/concerns	1	2	8	7	4
4.	Uses a comprehensive up-to-date and relevant reading list			5	12	5
II.	**Organization and planning - the instructor………**					
1.	Explains the objectives, expectations and requirements of the session	1	1	3	10	7
2.	Comes to class well prepared			3	8	11
3.	Presents the subject matter clearly and systematically			6	5	11
4.	Uses interesting teaching methods and instructional materials	2		7	7	6
III.	**Motivation for learning - the instructor……….**					
1.	Stimulates the participants to learn more	1	1	4	8	8
2.	Fosters an atmosphere that encourages class participation	1	2	3	8	8
3.	Invites questions from the participants			1	1	10	9
4.	Answers questions adequately			1	2	9	10

	Communication - the instructor………	Low				High
		1	**2**	**3**	**4**	**5**
1.	Speaks clearly and audibly			4	7	11
2	Respects participants' comprehend and appreciate complex ideas	2		4	10	6
3.	Is able to make participants comprehend and appreciate complex ideas	1	2	3	9	7
4.	Explains the concepts again when the concepts are not well understood		1	4	7	10
5.	Admits errors is the presentation of subject matter	1	3	2	9	7
6.	Treats participants tactfully; does not embarrass them	2	1	5	7	7
7.	Invites respect through behavior and general appearance	2	1	7	8	4
5.	Other comments					

1. Questions should be floated, rather than directly put to individual researchers. Poor in motivation and focus. Every thing gets on equal weight not good thing to do.
2. Must teach with reference relevant to the course. Examples referred to not relevant to the theme of the course.
3. He is a good instructor.