

Summary of Workshop Evaluation
Training Workshop in Econometrics for Environment Economists
Dhaka, Bangladesh
December 9-14

No. of Participants: 17

Evaluation Forms Filled By: 17

S.N.	Questions	Respondents Grades				
		Low				High
		1	2	3	4	5
1.	Relevance of this activity to your current work			1	5	11
2.	Extent to which you have acquired information that is new to you		1	10	4	2
3.	Usefulness to you of the information that you have acquired			1	5	11
4.	Focus of this activity on what you specifically needed to learn			4	7	6
5.	Extent to which the content of this activity matched the announced objectives			2	8	7
6.	Overall usefulness of this activity			1	7	9

7. Do you have enough training now to undertake a research project and do the econometric analyses on your own?
- a. Yes. But it would be better if this workshop had a bit more time.
 - b. No. As I had very little background on Econometrics I need to go through the theory more.
 - c. Since this is my first Econometrics course which I have followed and do need more practice and go through the book you have given. This training provided a good guideline to go ahead in the field of Econometric.
 - d. Given the fact that Natural Resource and Environmental Economics is quite a new field of study for me, I think, by applying the econometric tools, it will be possible for me to undertake a research project.
 - e. I was trained in Econometrics during my post graduate studies. But the learning was theoretical in the absence of computers. I passed my masters in 1986. This programme,
 - Helped me recollect all that I learnt in 1985-86
 - Informed me about the changes that occurred since 1986
 - Made me capable to practically use the knowledge using computersYes, it has increased my confidence in using Econometric tools.
 - f. The discussions of the workshop, especially, sharing of the experience by the faculty, enabled, I suppose to carry out researches at elementary level. However, some additional tools are necessary.
 - g. Not yet, entirely because of my own deficient baseline knowledge of Econometrics.
 - h. The course improved my confidence in dealing with quantitative aspects of a research topic. Further it provided lot of materials on which I can build upon my econometrics skills in future research studies.
 - i. No, I need more practice.
 - j. Yes. And I need to brush up and sharpen it through practice.
 - k. Yes. But time constraints limited sufficient training. However, now, I can manage some kind of Econometric Analysis.
 - l. I have gained a lot from this training therefore I am more confident about econometric analysis than I was. But further discussion, advice will be required when tending my research program.
 - m. If this training is followed by enough reading, Yes. Also the training would achieve more in this direction, if the topics are covered in some more detail -taking some more time.
 - n. The concepts introduced in this workshop were quite pertinent to my job. But keeping in mind the time constraints, I believe I need some more practice. Though now I am able to interpret that models and would be able to develop a research proposal incorporating the economics.
 - o. Yes.
 - p. Not quiet. It would have been better to master the rationale rather than the practice.
 - q. I think I have the basic for that. It's my perception. I will see if this hypothesis stand test of time. But my feeling is that this training is fairly elementary; so, I don't know if I can handle complex problems. But I think given shortage of time the trainers did fairly good job, particularly on linking theory with practice. Overall I think I can do a research project and its econometric analysis.

SANDEE
Training Workshop in Econometrics for Environmental Economists
Dhaka, Bangladesh
December 9-14, 2003
Course Structure

No. of Participants: 17
 Evaluation Form Filled By: 17

S.N	Questionnaire	Yes	No
1.	<p>Did this course structure work for you?</p> <p>Was the balance among the environmental economics topics, econometric theory and practice appropriate?</p> <p>Comments:</p> <ol style="list-style-type: none"> 1. Structure of the course was well-balanced but the time was not sufficient to complete all the lessons and practice. In the very first day first part of the session was too much, the practice session in the evening was not enough for the course covered during the day. 2. I felt the need for more emphasis on econometrics. 3. The first two days should have concentrated on explaining the econometrics only and then completely concentrated on the environmental economics side. 4. Somewhat balanced, but should also provide many case studies related to the problems. 5. I would have placed greater emphasis on econometric theory, for this purpose, the first week should have been dedicated exclusively to it. Then, environmental economics topics and practice should have followed in the second week. 6. Need to be spaced a little more in between. 7. Environmental economics topics and econometric theory or practice was balanced but it would have been better if the duration of the programme was for two weeks. 	16	1
		4	1

	<ol style="list-style-type: none">8. It has covered essence of Environmental Economics upto some extent.9. Our resource persons tried to make a good balance but it turned out to be too compact.10. I think this course needs some prior knowledge both in Econometrics and Environmental Economics. If this is not the case, the course will not be very helpful.11. While the course can be based on a text like Gujarati it is always useful to develop a separate course material kit to adapt the content into environmental topics. I hope the aspect will give the course a unique identity with its own and will help to maintain a better balance in theory and practice in future.12. I would suggest that SANDEE considers employing the service of "Training Specialists" to make the structure more useful.13. Since the workshop focused on elementary econometric techniques that researchers do generally require; there was a fair balance between the econometric theory and environmental issues.14. It would have been more appropriate in some topics like Hedonic pricing, contingent valuation was covered in a rigorous manner as far as econometric theory is concerned.		
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2.	If you were to improve on the structure of the program, what would you suggest?	More	Less	Same
	<p>Time on economic theory and applications</p> <p>Time on econometric theory</p> <p>Time for computer practice</p>	<p>8</p> <p>10</p> <p>5</p>	<p></p> <p>1</p> <p>3</p>	<p>6</p> <p>3</p> <p>4</p>
	<p>Other Comments:</p> <ol style="list-style-type: none"> 1. Since the workshop did not target at economic theory, the discussions on economic issues was sufficient. However, by giving shorter time to practice sessions, the workshop would have been more meaningful if relatively higher attention had been given to econometric issues. 2. I would just change the order. Please check for "Kolb's Experiential Learning Cycle" on the internet. 3. The present course derivation is too short too absorb certain difficult topics and resource persons also are helpless given the vast area, they have to cover within a given session. Therefore to people who have limited exposure to such topics can get only a vague idea. 4. More time on theory and practice was indeed. 5. Economic theory is fine. Econometric needs to be elaborated more. Topics were covered at a great speed. A little shorting down would bring better result. More computer results and practice needed. It would be of great use if more research papers (published or so) are taken as samples and statistics being worked out in the class. 6. Extension of period by 2 more days might cover more topic and practice sessions. 7. I think it was pretty well balanced. 8. The theory helps a lot to interpret the data. If there was more time it would have been better/easier for us to understand the material. 9. I think the first day clubbed in a lot which could be split up in two days. 10. Time should be same but time for theory and Econometrics is the important. 			

COURSE CONTENT

3.	Please identify sessions that were MOST or LEAST useful to you:	Most Useful	Least Useful
	1. Introduction to Regression	7	4
	2. Multiple Regression – Interval Estimation & Hypothesis testing	5	3
	3. Violation of Assumptions Multicollinearity	2	
	4. Heteroscedasticity, Autocorrelation	3	3
	5. Introduction to EViews	10	4
	6. Valuation: Travel Cost Models	10	4
	7. Application Proxy variables : Dummy Variables	8	4
	8. Practice Session : Hedonic	10	4
	9. Hedonic Models	10	4
	10. Application Errors in Specification	7	3
	11. Practice Session :Hedonic	9	5
	12. Contingent Valuation	8	5
	13. Application Binary Choice (Tobit, Logit, Probit) models	10	4
	14. Practice Session :CVM	6	5
	15. Simultaneous Systems	5	3
	16. Practice Session : 2SLS	7	3
	Comments:		
	<p>I personally do not find much relevance in using cum + hedonic valuation methodology; associated methods would be more relevant.</p> <p>The resource people were good but due to time constraint we were not able to extract more information from them.</p> <p>During theory session, teacher should provide clear techniques of interpretation of computer output. This makes clear during computer application.</p> <p>Each practice session should have included review sessions, discussing the interpretation and writing style especially for academic journals in a greater detail.</p>		

<p>4.</p>	<p>Please identify specific sessions that you feel needed more time and teaching</p> <p>Heteroscedasticity, Autocorrelation, Simultaneous System and Dummy Variables Valuation(TCM, Hedonic, CVM) Econometric theories Cost functions, simultaneous equations Introduction to reviews Application Errors in specification Application Binary choice (Tobit,Logit,Probit) models Environmental Economics(practicing methods used in econometric modeling) Simultaneous System Multicollinearity The lesson slotted for first day needs to be spread over two days</p>	<p>2 1 1 1 2 2 3</p>
<p>5.</p>	<p>Please identify additional topics that you feel should have been included in the course.</p> <ol style="list-style-type: none"> 1. Cost-Benefit and Simulation techniques 2. More theoretical topics on environment economics 3. Since the series analysis are integrated parts of econometric and are useful from environmental economics view point, I really miss these. Hope that SANDEE will include these in a similar workshop in futures. 4. An introduction to time series models also should be given in the content of environmental economics. 5. A session on Simulation, which was initially planned, would have been useful. 6. Application of Econometrics in productivity change method. 7. Time series analysis and forecasting in relation to environmental impact assessments. 8. Replacement costs, effects on production, morality and morbidity. 9. Actual case studies in the South Asian Region (Pakistan) to be included and more topics of environmental econometrics economics. 10. Something on loss of productivity analysis. 11. Time series data analysis. 12. Time series Econometrics. 	

