

SANDEE
Training Course in Econometrics for Environmental Economists
Dhaka, Bangladesh (Dec. 9-14)

Time	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
	S-1	S-5	S-9	S-13	S-17	S-21
8.30 – 10.00	Introduction to Regression, CNLRM, Chap 1-4 <i>EH</i>	Valuation: Travel Cost Models – <i>EH</i>	Hedonic Models <i>HG</i>	Contingent Valuation <i>HG</i>	Demand / Cost Functions <i>EH</i>	Simultaneous Systems <i>HG</i> Chap 18-19
10.00 – 10.30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
	S-2	S-6	S-10	S-14	S-18	S-22
10.30 – 12.00	Multiple Regression- Interval Estimation and Hypothesis testing Chap 5-8 <i>HG</i>	Application Proxy variables, dummy variables etc. <i>EH</i> Chap 15	Application Errors in specification <i>HG</i> Chap 13	Application Binary choice (Tobit, Logit, Probit) models Chap 16 <i>SM</i>	Extensions – Production Function, Demand function, Cost Function etc. Chap 6, 7, 8 <i>EH</i>	Practice <i>SUR</i> Forest Extraction / Discount Rate data <i>HG, SM</i>
12.00 – 2.00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
	S-3	S-7	S-11	S-15	S-19	S-23
2.00 – 3.30	Violation of Assumns Multicollinearity Heteroscedasticity Autocorrelation Chap 10-12, <i>SM</i>	Practice <i>Dhaka Zoo Dataset</i> <i>EH, SM</i>	Practice <i>Property values and Air Quality data</i> <i>HG, SM</i>	Practice <i>Sri Lanka WTP dataset</i> <i>HG, SM</i>	Practice <i>Cost Function / Sundarban Dataset</i> <i>EH, SM</i>	Practice <i>Forest Extraction/Discount Rate data</i> <i>HG, SM</i>
3.30 – 4.00	Tea Break	Tea Break	Tea Break	Tea Break	Tea Break	Tea Break
	S-4	S-8	S-12	S-16	S-20	S-24
4.00 – 5.30	Introduction to EViews <i>EH</i>	Practice <i>Zoo Dataset</i> <i>EH, SM</i>	Practice <i>Air Quality dataset</i> <i>HG, SM</i>	Practice <i>Sri Lanka dataset</i> <i>HG, SM</i>	Practice: <i>Sundarban Dataset</i> <i>EH, SM</i>	Wrap Up and Evaluation

Reference: Damodor Gujarati – Basic Econometrics –McGraw Hill

Faculty: EH: Enamul Haque, North South University, HG: Herath Gunathilake, University of Peradeniya, SM: S. Madheshwaran, ISEC