

**Economic Valuation of Caspian Environment  
(Caspian EVE) Training Program**

*November 13-18, 2005, Ashgabat, Turkmenistan*

7 November 2005

	Monday, November 14	Tuesday, November 15	Wednesday, November 16	Thursday, November 17	Friday, November 18
	<b>The Caspian Sea Environmental Management Issues; Fisheries and Coastal Zones Management</b>	<b>Pollution, Sources and Types, Impacts. Non-Health Issues.</b>	<b>Pollution, Health Impacts, Valuation, and Risk Management</b>	<b>Biodiversity Conservation, Ecological Risks, Valuation Approaches.</b>	<b>Working Group Presentations, Planning Ahead, Wrap-Up</b>
Session 1 9:00-10:00	<b>S-1 An Introduction to the Problem:</b> Fisheries regulation, biodiversity conservation, combating invasives, coastal zone management; POPs and other management issues  <u>(Hamid Ghaffarzadeh, John Dixon, Morteza Rahmatian, and Stephen de Mora)</u>	<b>S-5 Environmental Assessment:</b> Principles and links to environmental management. Pollution Sources and Hazard: classification of chemicals, sources of hazard information, assessment of the hazard.  <u>(Stephen de Mora)</u>	<b>S-9 Economics of Pollution Control--Health Issues:</b> Human health risk assessment. Health risk analysis, Carcinogenic risk assessment, threshold effects indicators of health damage  <u>(John A. Dixon and Morteza Rahmatian )</u>	<b>S-13 Economic of Biodiversity Concerns:</b> Economic and intrinsic values; indicators; avoiding extinction, and other ecological risks.  (John A. Dixon)	<b>Presentation and Discussion of Results of WG #1</b>
Break					
Session 2 10:30-11:30	<b>S-2 Valuation of Environmental Resources:</b> Important conceptual concerns; scarcity; setting priorities; which approaches are most useful for different environmental problems; cautions. Economic foundations of environmental valuation.  <u>(John A. Dixon)</u>	<b>S-6 Difference Between Human Risk and Ecological Risk Assessment:</b> Dose-response relationships: threshold and no-threshold effects.  <u>(Stephen de Mora)</u>	<b>S-10 A Valuing Mortality Risks:</b> Valuing Morbidity; Wage differential, value of statistical life. Meta analysis. Benefits transfer method and caveats.  <b>S-10 B From Diye to Value of Statistical Life: A Case Study for the Islamic Republic of Iran.</b>  <u>(Morteza Rahmatian)</u>	<b>S-14 Non-Market Valuation:</b> Methods used to place values when markets are weak or missing: non-use values. Contingent Valuation, Hedonic Pricing, Issues and limitations.  (Morteza Rahmatian)	<b>Presentation and Discussion of Results of WG #2</b>

Session 3 11:45- 12:45	<b>S-3 Valuation (continued)/ Priority Setting:</b> Use of cost benefit analysis, cost effectiveness analysis. Multi-criteria analysis. Setting priorities for environmental management.  ( <u>John Dixon and Morteza Rahmatian</u> )	<b>S-7 Economics of Pollution control: Change in Production:</b> Direct valuation methods: change in productivity methods, replacement costs, pricing issues. Philippine case study.  ( <u>John A. Dixon</u> )	<b>S-11 Cost Effectiveness Analysis and Other Cost-Side Approaches.</b> Cost-effectiveness analysis, applications and cautions.  ( <u>John A. Dixon and Morteza Rahmatian</u> )	<b>S-15 Economic of Recreational Benefits.</b> Amenity and recreational values and their valuation; including examples of travel cost/ CVM/ hedonics.  (John A. Dixon)	<b>Presentation and Discussion of Results of WG #3</b>
Lunch					
Session 4 14:00- 15:00	<b>S-4 Problems of Fisheries:</b> Economics of sustainable catch issues; various regulatory measures enhancing fishery productivity (hatcheries, spawning ground rehabilitation). ( <u>John A. Dixon</u> )	<b>S-8 Iran: Cost Assessment of Environmental Degradation:</b>  (Morteza Rahmatian)	<b>S-12 Caspian Case Studies</b>  ( <u>Stephen de Mora</u> )	<b>S-16 Costa Rica Arenal Case Study:</b> Estimating economic externalities in a Costa Rican watershed and answering any un-answered questions.  ( <u>John A. Dixon and Morteza Rahmatian</u> )	<b>Presentation and Discussion of Results of WG #4</b>
Break					
Session 5 15:30- 17:30	<b>Small Working Group Sessions:</b> Identification of research topics, research design, data analysis, ... (3-4 groups)	<b>Small Working Group Sessions</b> continued.	<b>Small Working Group Sessions</b> continued.	<b>Small Working Group Sessions</b> continued.	<b>Conclusions &amp; Summing Up.</b> (The Team)