

## Dr. Uddin's Short Courses and Workshops (updated January 2009)

Other pertinent teaching activity: Short courses and Workshops (*Including international technology transfer courses, seminars, and workshops*); Pakistan (2007-2008); Brunei (1995, 2007); Australia (2006); Italy (2004); Brazil (2000, 2003, 2007); Mexico (1993, 1994, 1995, 1996, 1997); Dubai, United Arab Emirates (1991, 1993), USA (1987, 1992, 1993, 1998).

1. "Traffic Safety and Intelligent Transportation System," a workshop organized by the NED University, Karachi, Pakistan, July 15-16, 2008, (partially supported by USAID funding; lecture notebook by W. Uddin and Mir S. Ali).
2. "Air Quality and Global Warming Workshop," PC Hotel in Karachi, Pakistan, organized by the NED University, July 12, 2008, (partially supported by USAID funding; workshop notebook by W. Uddin and Mir S. Ali).
3. "GIS Executive Workshop: GIS-based Decision Support Systems for Infrastructure Management, Disaster Response, and Community Preparedness," NED University, Karachi, Pakistan, June 18, 2008, (partially supported by USAID funding; workshop notebook by W. Uddin and Mir S. Ali).
4. "Advanced GIS Course: Geospatial Analysis for Infrastructure Asset Management and Disaster Assessment," NED University, Karachi, Pakistan, June 19-20, 2008, (partially supported by USAID funding; workshop notebook by W. Uddin).
5. "Road Safety Evaluation in Road and Highway Works." Engineers' Workshop sponsored by Brunei Public Works Department, Brunei Darussalam (coordinated by AsiaEdge, Singapore), November 20-21, 2007, (workshop notebook by W. Uddin).
6. "Traffic Safety Management on Road and Highways." Executive Conference, sponsored by Brunei Public Works Department, Brunei Darussalam (coordinated by AsiaEdge, Singapore), November 19, 2007, (workshop notebook by W. Uddin).
7. "Review of U.S. Best Practices in Traffic Congestion Management." Karachi Metropolitan ITS Stakeholders Group Workshop, sponsored by NED University of Engineering and Technology, Karachi, Pakistan, July 30, 2007, (workshop notebook by W. Uddin and Mir S. Ali).
8. "GIS and Imagery Based Geospatial Analysis." Short course offered at NED University of Engineering and Technology, Karachi, Pakistan (partially supported by USAID funding; hosted by Mir Shabbar Ali of NED University), June 18-21, 2007.
9. "Pavement Engineering and Maintenance Management." Workshop, Center for Infrastructure Engineering, Griffith University, Gold Coast Campus, Australia (hosted by A.S. Balasubramaniam), September 28-29, 2006, (workshop notebook by W. Uddin).
10. "Pavement Management Systems." one-week short course, Department of Civil Engineering, University of Pisa, Italy (coordinated by Professor Massimo Losa), May 17-22, 2004, (course notebook by W. Uddin). (*Note: This was one of the externally funded professional activities during the sabbatical leave period in Spring 2004.*)
11. "Advanced Computer Simulations of Highway Pavements." one-day short course, Universidade Presbiteriana Mackenzie, São Paulo, Brazil, May 2000, (course notebook).

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12. Coordinator, "DataPave Workshop." Holman Business School Computer Laboratory, the University of Mississippi, sponsored by the Federal Highway Administration and the American Society of Civil Engineers, December 17, 1998. (The DataPave workshop was presented at 13 other universities in the country to introduce the national pavement data base available on the DataPave CD to both pavement researchers and management level users.) *A national event*
13. "Tecnologia de los Pavimentos II - Modulo 3." Diplomado en Ingenieria de Sistemas Carreteros, Secretaria de Comunicaciones y Transportes/Departamento de Ingenieria Civil, ITESM, Monterrey, Nuevo Leon, Mexico, 1997 (2-day course, notebook by W. Uddin).
14. "Pavement Management System Development and Nondestructive Evaluation." Sistema de Administracion del Mantenimiento Vial, Direccion de Obras Publicas, City of Saltillo, Sponsored by the Secretaria de Desarrollo Social (SEDESOL), Mexico, 1995 (1-day).
15. "Pavement Management System Implementation, Maintenance Planning, and User Cost Analysis." Sistema de Administracion del Pavimentos, Direccion de Obras Publicas, Sponsored by Presidencia Municipal, Leon, Mexico, 1995 (1-day course).
16. "Pavement Management System Development and Implementation." sponsored by Presidencia Municipal and CNIC/ICIC, Leon, Mexico, 1994 (3-day course).
17. "Condition and Traffic: Part I - Pavement Condition and Road Inventory Data," Half-day Tutorial Session, Third International Conference on Managing Pavements, Sponsored by Transportation Research Board, San Antonio, Texas, 1994.
18. "Pavement Management Systems." 3-day short course sponsored by the University of Mississippi, Mississippi Department of Transportation and International Road Federation, Oxford Campus, Mississippi, August 1993 (lectures and notebook with K.P. George).
19. "Microcomputer Applications in Pavements," 3-day short course sponsored by the University of Mississippi, Mississippi Department of Transportation and International Road Federation, Oxford Campus, Mississippi, August 1993 (lectures and course notebook with K.P. George).
20. "Pavement Management." 3-day short course sponsored by the University of Mississippi, Mississippi Department of Transportation and International Road Federation, Oxford Campus, Mississippi, August 1992 (lectures and course notebook with K.P. George).
21. "Airport Pavements." 3-day short course sponsored first time by the Center for Transportation Research, The University of Texas, Austin, 1987 (lectures coordinator and course notebook with B.F. McCullough).