

CURRICULUM VITAE
Moe Chowdhury, Ph.D., AICP

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Work address:
Visiting Assistant Professor
Dept. of Urban and Regional Planning
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Education:

- Ph.D. **University of Wisconsin, Madison**, College of Arts and Sciences, Department of Urban and Region Planning.
Focus: community planning; environmental management and planning; local government;
- M.A. Urban Planning, School of Architecture and Urban Planning (renamed UCLA Department of Urban Planning), **University of California at Los Angeles (UCLA)**
Focus: international and development planning
- M.S. Geography, Department of Geography, University of Dhaka,
Focus: cultural and political geography
- B.S. Geography, Department of Geography, University of Dhaka; minors: geology and chemistry

Teaching Experience:

Planning courses: Planning Theory and Practice, Local Government Planning, Community Development Theory and Practice, Environmental Planning, Transportation Planning, Urban Design, Growth Management, Environmental Impact Assessment, Site Development, and Infrastructure and Community Facilities

Geography courses: Introduction to Geography, Cultural Geography, World Geography, Geography of Cultural Diversity, Geography of the U.S. and Canada, Human Geography

Research interest: Environmental and land use planning; community development; solid waste management; planning theory and practice

Languages: Bengali (native skills, reading and writing);
Urdu and Hindi (speaking)

Publications:

“Searching Quality Data for Municipal Solid Waste Management”. Under review for publication in the *Waste Management*.

“Land use policy and planning can benefit from knowing who owns land”. Under review for publication in the *Journal of American Planning Association*.

“Sustainable curbside recycling with municipal garbage contract”. Under review for publication in the *Waste Management Research*.

"Managing Overflow and Dumping at Recycling Dropoffs", May-June 2006, *Journal of Municipal Solid Waste Professionals*.

Instructor's Manual, Introduction to Geography by Getis, Getis and Fellman, 2006, McGraw Hill.

Christmas Tree Recycling, *Journal of Waste Recycling: BioCycle*, Vol. 33, No. 9, p. 33, September 1992.

"Agricultural Information Systems for Decision-Making in Developing Countries: A Selected Bibliography" Vance Bibliographies, Public Administration Series: Bibliography, June 1986.

Book review: "Beauty, Health, and permanence: Environmental Politics in the United States, 1955-1985" by Samuel P. Hays. *Forum for Applied Research and Public Policy*. Vol. 4, No. 1, Spring 1989.

Book review: "The Metropolis Era" by Mattei Dogan and John Kasarda. *Journal of the American Planning Association*, Vol. 55, No. 1, winter 1989.

Book review: "Politics of Environmental Mediation" by Douglas Amy. *Journal of Soil and Water Conservation*, Vol. 43, No. 2, March-April 1988.

Book review: "New Communities for Urban Squatters: Lessons from the Plan that Failed in Dhaka, Bangladesh", Charles L. Choguill. *Planning Outlook*, Vol. 31, No. 2, 1988.

Book review: "Patterns of Development" by George Sternlieb. *Journal of Planning Education and Research*, Vol. 7, No. 1, 1987.

PROFESSIONAL, RESEARCH, TECHNICAL AND MANAGEMENT EXPERIENCE:

Department of Urban and Regional Planning, School of Policy and Planning, Jackson State University, Jackson, Mississippi.

Visiting Assistant Professor: 2007- current

Taught three courses in the fall 2007: Planning Theory and Practice, Local Government Planning and Community Development Theory. Scheduled to teach three courses in spring 2008 including Behavioral and Cultural Factors in Planning and Urban Design, Transportation Planning and Growth Management. Summer 2008: Environmental Impact Assessment.

Department of Geography and Planning, Grand Valley State University, Allendale, Michigan.

Visiting Assistant Professor: 2005 - 2006

Taught four sections of World Geography during the fall 2005, and three sections of World Geography and one section of Cultural Geography in the spring 2006.

Department of Geography and Geology, Edinboro University of Pennsylvania

Assistant Professor: Spring 2004

Taught two sections of societal issues (Introduction to Geography); one section of World Geography and one section of the Geography of the U.S. and Canada.

Department of Geography and Planning, University of Akron, Ohio

Senior Lecturer: 2001 - 2007

Teaching assignments include one section of Introduction to Geography and two sections of Geography of Cultural Diversity every semester.

Department of Geography, Youngstown State University, Ohio

Part-time Faculty: Spring 2005, Fall and Spring 2006-2007

Taught one section of World Geography in spring 2005; currently teaching Human Geography Fall 2006.

Kent State University, East Liverpool, Salem and Tuscarawas Campus, Ohio

Part-time Faculty: 1997 -2001

Taught Environmental Management, Land Use Planning, World Geography, Introduction to Geography and the Geography of the U.S. and Canada

Carroll-Columbiana-Harrison Joint Solid Waste Management District, Carrollton, Ohio, 618 B Canton Road, Carrollton, OH 44615; (330) 627-7311; (330) 627-3304.

Executive Director: March 1993-December 2004:

Responsible for the day-to-day operation of the District and supervising personnel. Prepare and manage annual budget. Communicate with the Board of Directors consisting of nine commissioners from three counties. Write quarterly and annual reports for Ohio EPA. Prepare agenda, monthly reports including financial statement for the Board meeting. Oversee annual events: Christmas tree recycling, collection of hazardous waste, used tires, appliance and scrap metal. Develop request for proposal, bid specifications and contracts for various District events and recycling programs. Maintain 32 recycling drop-off sites with assistance from the District staff including occasional site checking. Work with over 76 communities including municipalities and townships in order to solicit their support for District's programs. Attend and represent the District at quarterly township association meetings in each county. Write solid waste plan (over 300 pages) and conduct the ratification process, hold public meetings and soliciting township and municipal vote on the approval of the Plan. Represent the District and make presentations at various international, national, state and regional solid waste organizations like the Solid Waste Association of North America and the Organization of Solid Waste Districts of Ohio. Work with 21-member Policy Committee to develop the solid waste plan and conduct meetings with the Committee chairperson. Write District newsletters for public awareness and annual reports for the Committee. Apply for federal and state grants and manage them. Maintain liaison with local, state and federal agencies.

Mahoning County Solid Waste Management District, 108 Westchester Drive, Austintown, Ohio 44515. (330) 740-2060; (330) 740-2066 (fax).

Planning Coordinator: August 1990 - January 1993

Responsible for developing and writing the first solid waste plan (over 400 pages) of the District with assistance from three Civil Engineering interns from the Youngstown State University. Assist Director in developing annual budget and implementing the Plan. Writing flyers and brochures for waste reduction and recycling. Conduct Plan ratification process by organizing

public meetings and communicating with townships and municipalities. Attend township and municipal meetings, professional workshops and conferences. Complete annual and quarterly reports.

Ashtabula County Planning Commission, 25 W. Jefferson St., Jefferson, Ohio 44047- 1092. (440) 576-2758; (440) 576-2758 (fax).

Planner II: December 1989 to August 1990

Responsible for zoning and subdivision regulations in Ashtabula County Planning Commission. Conduct parcel survey for zoning change and writing reports for the Planning Commission. Determine parcel sizes for subdivision requirements using computer software. Write county's economic development plan. Maintain county census data for public request. Answer questions from townships concerning zoning regulations. Attend Planning Commission and township meetings.

**Dodge County Planning and Development Department, 127 E. Oak Street
Juneau, WI 53039; 920- 386-3700; 920- 386-3979 (fax)**

Planning Intern: June to September 1989

Complete the Waste Reduction and Recycling Plan during the summer internship. Conduct surveys and collect data for the Plan.

Applied Superconductivity Center, University of Wisconsin, 905 Engineering Research Building, 1500 Engineering Drive, Madison, WI 53706; (608) 263-1580; (608) 263-1087 (fax)

Data Specialist: Oct. 1987 to May 1989; September 1989 to December 1989.

Assist supervisor in data collection. Maintain database for research using Dbase III+ and IBM PC/AT. Collect data and articles for research assistants.

**Institute for Environmental Studies (renamed Gaylord Nelson Institute for Environmental Studies), 550 North Park Street, 122 Science Hall, Madison, WI 53706-1491. (608) 265 - 5296; (608) 262- 0014 (fax)
Office Manager, 1988-1989**

Assist project director in collecting, analyzing and writing reports. Conduct field surveys to collect data. Look for articles to support writing reports. Maintain office and answer phone.

School of Architecture and Urban Planning (renamed UCLA Department of Urban Planning), 3250 Public Policy Building, University of California at Los Angeles, Los Angeles, CA 90095-1656. (310) 825-4025; (310) 206-5566 (fax).

Project Assistant: December 1980 to May 1981.

Investigate and write reports on plant closings in southern California. Interview unemployed workers about the effects of plant closings.

International Research Experience:

Center for Urban Studies, Department of Geography, Dhaka University, Dhaka, Bangladesh.

Research Assistant: 1977 - 1978.

Survey urban squatters in Dhaka, Bangladesh. Prepare questionnaires, conduct surveys and supervise students in data collection. Create statistical tables and write reports.

CONFERENCE PRESENTATIONS:

"Searching Quality Data for Municipal Solid Waste Management" Association of Collegiate School of Planning Conference, Chicago, July, 2008.

"Political Geography of Solid Waste Districts in Ohio: Territoriality at the Local Government" AAG Annual Meeting Special Session, Chicago, IL, March 7-11, 2006.

"Solid Waste Management and Planning in Ohio" 2005 East Lakes Division AAG Annual Meeting, October 21-22, 2005.

Chair, Environment and Health Panel. 2005 East Lakes Division AAG Annual Meeting, October 21-22, 2005.

"Pay-As-You-Throw Garbage Collection and Recycling Program in Carrollton, Carroll County, Ohio". Solid Waste Advisory Council Meeting, Columbus, Ohio, 2000.

"Drop-off Recycling in CCH Solid Waste District, Ohio." Solid Waste Association of North America Conference, 1996.

"Landownership Data for Multipurpose Land Information Systems", Proceedings of the 26th Annual Conference of the *Urban and Regional Information Systems Association*, Los Angeles, August 1988.

"Perceived Importance of Landownership Data for Rural Land Use Planning", a paper presented at the conference of the *Association of Collegiate Schools of Planning*, Los Angeles, 5-8 November 1987.

OTHER SELECTED PRESENTATIONS (INVITED SPEAKER) AND ORGANIZATION OF SEMINARS AND CONFERENCES

"Solid Waste Management and Planning." Department of Geography and Planning, University of Akron, Ohio, 2002.

"Operation and financing of solid waste management districts in Ohio. Department of Geography and Planning, University of Akron, Ohio, 2001.

"What is solid waste management and what are the purposes of solid waste districts in Ohio"? Department of Environmental Management, Kent State University, 1997-2001 (invited every year to make presentation).

"Solid waste management and environmental planning". Department of Environmental Science, Youngstown State University, Ohio, 1996-1998, (invited every year to make presentation).

"Recycling in Columbiana County". Ruritan Club, Lisbon, Columbiana County, Ohio, 1999.

"Household Hazardous Waste Collection". Ruritan Club, Columbiana, Columbiana County, 1998.

"Recycling and Waste Reduction". Ruritan Club, Scio, Harrison County, 1995.

Organized "Waste Reduction and Recycling Seminar for Businesses in Ohio". Atwood Lake and Resort Center, Dellroy, Ohio, 1994.

Assisted the Organization of Solid Waste Districts of Ohio in conducting and organizing seminars and workshops 1994-2004.

GRANTS RECEIVED 1994 –2004:

Wrote, received and managed eight state and federal grants worth over \$747,000.

<i>Amount</i>	<i>Grant Type</i>	<i>Purpose</i>	<i>Year</i>
\$60,000	United States Department of Agriculture	Aerial Mapping, Groundwater Monitoring and Landfill Closure Plan for Carroll County Landfill, Ohio	2004
\$70,000	United States Department of Agriculture	Hydrogeology Investigation of Center Township Landfill, Columbiana County , Ohio	2003
\$70,000	United States Department of Agriculture	Hydrogeology Investigation of Carroll County Landfill, Carroll County, Ohio	2002
\$30,000	USDA (Rural Utilities Service)	Education and awareness program for CCH Solid Waste District's Recycling	1997
\$182,000	Recycle, Ohio! Grant!, Ohio Department of Natural Resources	Recycling Education and Awareness Program	1996
\$237,000	Recycle, Ohio! Grant!, Ohio Department of Natural Resources	Recycling Education and Awareness Program	1995
\$44,000	Recycle, Ohio! Grant!, Ohio Department of Natural Resources	Establish Recycling Drop-off Sites in Carroll, Columbiana and Harrison Counties, Ohio	1994
\$54,000	Recycle, Ohio! Grant!, Ohio Department of Natural Resources	Carroll County Recycling and Litter Prevention Program	1994

SOLID WASTE PLANS, ECONOMIC DEVELOPMENT PLAN, NEWSLETTERS AND REPORTS

Prepared five solid waste plans for four counties in Ohio and Wisconsin, wrote newsletters for Carroll Columbiana-Harrison Solid Waste District, Ohio, and economic development plan for Ashtabula County, Ohio.

District Solid Waste Management Plan 2002-2020, Carroll-Columbiana-Harrison Joint Solid Waste Management Plan, December, Ohio, 2004.

District Solid Waste Management Plan 1996-2012, Carroll-Columbiana-Harrison Joint Solid Waste Management Plan, Ohio, December 2004.

Newsletters (quarterly) for Carroll-Columbiana-Harrison Joint Solid Waste District 1994-1996.

District Solid Waste Management Plan 1990-2005, Mahoning County Solid Waste Management Plan, Ohio, December 2004.

Waste Reduction and Recycling for Businesses, Mahoning County Solid Waste District, Youngstown, Ohio, 1991.

Economic Development Plan for Ashtabula County, Ohio, 1990.

Waste Reduction and Recycling Plan for Dodge County, Wisconsin, 1989.

AWARDS, CERTIFICATES AND HONORS:

Appointed to Governor's Pollution Prevention Group, Ohio EPA, 1993.

First prize for the best student paper in the proceedings of the 26th annual conference of the Urban and Regional Information Systems Association held in Los Angeles, California, August 7-11, 1988

Academic achievement certificate, Miami Dade Community College, Miami, Florida, 1979

Elected Ph.D. student representative in September 1985 on the Departmental Committee on the Ph.D., Department Of Urban and Regional Planning, University of Wisconsin-Madison.

Fellowship at the Department of Urban and Regional Planning, Bangladesh University of Engineering and Technology, 1978

Dhaka University Stipend for Outstanding Academic Achievement, Bachelor of Science in Geography, Dhaka University, Dhaka, Bangladesh, 1975.

DISSERTATION AND THESIS

Ph.D. dissertation: "Perceived Importance of Landownership Information for Rural Land Use Planning in Dane County, Wisconsin: A Case Study"

Master's thesis: "Economic Impacts Free Trade Zones of Southeast Asia"

MEMBERSHIP AND AFFILIATIONS:

Mississippi Chapter of American Planning Association

Association of American Geographers

Organization of Solid Waste Districts of Ohio, voting member

Easter Ohio Solid Waste and Recycling Professionals

Ohio Association of Litter Prevention and Recycling Professionals

Columbiana County (Ohio) Township Association Associate Membership

Solid Waste Association of North America

Carroll County (Ohio) Township Association Associate Membership

Harrison County (Ohio) Township Association Associate Membership

VOLUNTARY WORK:

Habitat for Humanity, Salem, Ohio

Jefferson Public Library Board, Jefferson, Ohio

Advisor, Foreign Students Association, Youngtown State University, Ohio