

Visit our website at:
www.uic.edu/cuppa/udv

Our location:
College of Urban Planning and Public Affairs
M/C 348
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Chicago, IL 60607
Email: udvl@uic.edu
Ph: 312-996-3860

Coordinates:
Latitude (WGS 84): 41° 52' 33.85"
Longitude (WGS 84): 87° 38' 59.05"

About CUPPA

The College of Urban Planning and Public Affairs (CUPPA) at UIC is an internationally recognized leader in education, research, and engagement in support of the world's cities and metropolitan areas. CUPPA provides innovative urban planning and public management education that puts engaged research to purposeful use at home and abroad. We strive for academic excellence and to provide inspirational learning experiences for our students. We make a contribution beyond the university.

We are committed to respecting the unique individual contributions of faculty to scholarship, students to learning, and staff to service. We welcome cultural diversity in the composition of our faculty, staff, and students. We collaborate across disciplines, programs, and other institutional divides to generate more successful inquiry and learning. We are committed to innovation that anticipates future needs and crafts sustainable solutions in the pursuit of learning.

Revised Apr. 2010

Urban Data Visualization Lab

The UDVL at the College of Urban Planning and Public Affairs at UIC is a research center devoted to assisting organizations, students, and other units on campus to develop solutions to visualization challenges, such as modeling, mapping, presentations, and images.

UIC Urban Data
UNIVERSITY OF ILLINOIS AT CHICAGO Visualization Laboratory
COLLEGE OF URBAN PLANNING & PUBLIC AFFAIRS

The Lab

The Urban Data Visualization Lab (UDVL) is a research center housed with the College of Urban Planning and Public Affairs. We work with many different units across campus and across many disciplines. We employ various technologies to assist students, faculty, and external public and community agencies with their visualization challenges, which include mapping and geospatial data analysis, assistance with data management and selection, presentation formatting, and communicating data more effectively.

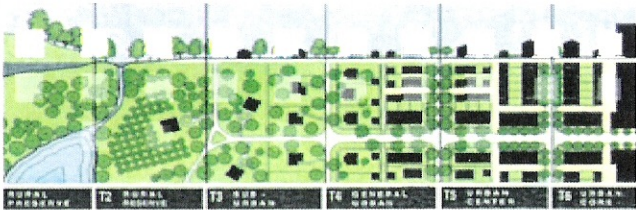
A selection of past projects includes:

- Geocoding problematic data sets and data clean-up
- Spatial modeling of phenomena
- Demographic analysis
- Spatial analysis of data (finding patterns such as clustering and why patterns exist in geographic data)
- Mapping and cartographic design
- Creating more effective PowerPoint presentations, graphics, tables, and images

Geospatial Analysis and Visualization Certificate Program

The UDVL is affiliated with the Geospatial Analysis and Visualization (GSAV) Certificate program. Staff, adjunct faculty, and faculty teach the courses that comprise the certificate program.

Students in the GSAV program learn visualization theory, the effective use of various visualization tools including Adobe products, and GIS to produce effective presentations, designs, and maps.



Faculty and Staff

Co-Directors

Kheir Al-Kodmany, PhD

Research includes using visualization tools to better understand user needs and cultural preferences

William "Max" Dieber

Specialties include economics, regional/urban planning, regional modeling and analysis, population forecasts, and involving local officials in planning activities

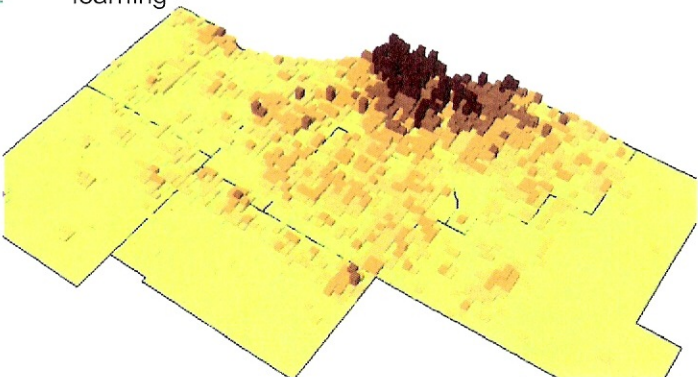
Affiliated Professors

Sanjeev Vidyarthi, PhD

Past work and research includes urban theory and design, city-building processes, and computer aided visualizations

Maira L. Zellner, PhD

Specialties include sustainable planning and the application of complexity theory and complexity-based models to enhance policy exploration and learning



Adjunct Faculty

Mirabai Auer

Research interests include participatory GIS methods and spatial statistics. She is currently a Research Associate at UIC's CUED

Sarah Barr

Interests include youth program development and utilizing technology and GIS to improve the quality of life in underserved communities

Kevin Gibbs

Interests include GIS in public health applications and past positions include GIS coordinator and Chief Research Analyst

Monica Luecking Richart

Specializes in GIS, community development, environmental geography and studies, urban design, and sustainable planning

Staff

Nina Savar

Specializes in developing regional GIS, managing data, developing metadata standards, and other regional issues.

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