

## CSISS Summer Workshop, 2003 - Accessibility in Space and Time: A GIS Approach

Time	Monday (7/7) Introduction	Tuesday (7/8) Network Access	Wednesday (7/9) Spatial Interaction Modeling	Thursday (7/10) Space-Time Accessibility	Friday (7/11) Public Transportation
8:00-8:30	Continental Breakfast, Derby Hall 1080				
8:30-9:00		Continental Breakfast, Derby Hall 1080			
9:00-9:30	Welcome, by CSISS Director: Dr. Donald Janelle and Department of Geography, OSU	Lecture by: Morton O'Kelly Planar Access – Network Access	Lecture by: Michael Tiefelsdorf Spatial Interaction and Temporal Patterns - Statistical estimation and incorporation of GIS	Lecture by: Mei-Po Kwan Time Geography: Concepts and measurement of Space-Time individual accessibility	Lecture by: Alan Murray Introduction to public transportation - Introduction of location set covering model - Integrating GIS and location set covering model - Policy and implication for social equity  Examples: Public transportation and policy analysis
9:30-10:00	Lecture by: Mei-Po Kwan and Donald Janelle Concepts and measures of Accessibility. Integrating GIS into accessibility studies	Examples: population trends, periodic market, link and nodal accessibility, paths, social networks, Internet connectivity	Examples: Migration and commuting patterns	Examples: Access to jobs, urban opportunities, transportation	
10:00-10:30					
10:30-11:00					
11:00-11:30					
11:30-12:00					
12:00-1:00	Lunch (On your own)				
1:00-1:30	Guest Lecture by: Sara McLafferty, Professor, Department of Geography, University of Illinois at Urbana-Champaign  Analyzing Geographical Access to Health Care	Guest Lecture by: Jim Moody, Assistant Professor, Department of Sociology, The Ohio State University	Lab Session by: Robert Forrest  Introduction to Intergraph GeoMedia Software	Guest Lecture by: Jim Gimpel, Professor, Department of Government and Politics, University of Maryland  The Relevance of Distance and Accessibility to the Study of Voting	Lab Session by: Alan Murray and Robert Forrest  Evaluate access, integrated location model, interpretation of results.  Workshop Evaluation and Concluding Session
1:30-2:00					
2:00-2:30	Lab Session by: Robert Forrest and Tim Matisziw	Lab Session: Morton O'Kelly and Tim Matisziw	Lab Session: Micahel Tiefelsdorf and Tim Matisziw	Lab Session: Mei-Po Kwan and Robert Forrest	
2:30-3:00					
3:00-3:30	Introduction to GIS Software	Distance measurement, network connections, and mapping network nodes	An interaction model is specified and calibrated, and the resulting model parameters as well as the model residuals are visualized and analyzed	Creating density surface, measurement and visualization of Space-Time accessibility	
3:30-4:00					
4:00-4:30					
4:30-5:00					
5:00-5:30		Dinner (On your Own)		Dinner (On your Own)	Workshop Adjourned
5:30-6:00	Dinner: The Oval, in front of Derby Hall Outdoor BBQ		Dinner: Buckeye Hall of Fame Café Buffet Dinner		
6:00-6:30					
6:30-8:00					
8:00-8:30				Round Table Discussion Derby Hall 1080	
8:30-9:00					