CSISS Summer Workshop, 2002 - Accessibility in Space and Time: A GIS Approach

Time	Monday (7/22) Introduction	Tuesday (7/23) Network Access	Wednesday (7/24) Spatial Interaction Modeling	Thursday (7/25) Space-Time Accessibility	Friday (7/26) Public Transportation
8:00-8:30	Breakfast, Registration Derby Hall 1080				
8:30-9:00		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 Examples: population trends, periodic market, link and nodal accessibility, paths, social networks, Internet connectivity	Lecture by: Michael Tiefelsdorf Spatial Interaction and Temporal Patterns - Statistical estimation and incorporation of GIS Examples: Migration and commuting patterns	Lecture by: Mei-Po Kwan Time Geography: Concepts and measurement of Space-Time individual accessibility Examples: Access to jobs, urban opportunities, transportation	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				
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: James Moody, Assistant Professor, Department of Sociology, The Ohio State University	Guest Lecture by: Stephen Matthews, Director, Geographic Information Analysis Core Population Research Institute, Pennsylvania State University Lab Session: Morton O'Kelly and Tim Matisziw	Lab Session: Micahel Tiefelsdof and Tim Matisziw Spatial interaction data are explored, an interaction model is specified and calibrated, and the resulting model parameters as well as the model residuals are visualized and analyzed	Guest Lecture by: Joe Weber, Assistant Professor, Department of Geography, University of Alabama Lab Session: Mei-Po Kwan, Joe Weber, Robert Forrest, Hyun-Mi Kim Creating density surface, measurement and visualization of Space-Time accessibility	Guest Lecture by: Irene Casas, Assistant Professor, Department of Geography, State University of New York at Buffalo:
1:30-2:00					
2:00-2:30					
2:30-3:00	Lab Session by: Hyun-Mi Kim, Robert Forrest and Tim Matisziw Introduction to GIS Software	Distance measurement, network connections, and mapping network nodes			Lab Session by: Alan Murray, Robert Forrest and Hyun-Mi Kim Evaluate access, integrated location model, interpretation of results
3:00-3:30					
3:30-4:00					
4:00-4:30					
4:30-5:00					
5:00-5:30		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				Round Table Discussion Derby Hall 1080	
8:00-8:30					
8:30-9:00					