

WORKS CITED

- Aimo, Emilia, Della Sala, Stefano, Stradella, Silvia, Tagliapietra, Davide, and Vazzoler, Marina. 1999. "L'inquinamento dei rii. La diffusione degli inquinanti nei canali interni di Venezia" in Caniato *et al.*, eds., *Venezia la Città dei Rii*.
- Allard, Mark, Amato, Ben, Barber, Keith, Couture, Steve. 2001. *Evaluation of the Downtown Boston Parking Freeze*. Boston Project Center: WPI Interactive Qualifying Project.
- Amlaw, K., Kervin, C. L., Mondine, I., Vepari, C.. 1997. *Optimization of Cargo Boat Deliveries Through the Inner Canals of Venice*. Venice Project Center: WPI Interactive Qualifying Project.
- Arbeit, D. 1993. "Resolving the Data Problem: A Spatial Information Infrastructure for Planning Support". *Proceedings of Third International Conference on Computers in Urban Planning and Urban Management*, Atlanta, Georgia, July 23-25, Vol. 1, pp. 2-26.
- Arun, Mahizhnan and Yap, Mui Teng. 2000. "Singapore: The Development of an Intelligent Island and Social Dividends of Information Technology", *Urban Studies*, Vol. 37, No. 10, pp. 1749-1756.
- Avison, D.E. and Fitzgerald, G. 1988. *Information Systems Developments: Methodologies, Techniques, and Tools*. Oxford: Blackwell Scientific Publications.
- Azad, Bijan. 1998. *Management of Enterprise-wide GIS Implementation: Lessons from Exploration of Five Case Studies*, PhD Thesis, Department of Urban Studies and Planning, MIT: Cambridge, MA.
- Babic, K., Leeds G., Sidirolou, S., Borek, M.. 1998. *Analysis of Sewer Holes and Canal Wall Damage in Venice, Italy*. WPI Interactive Qualifying Project.
- Bacharach, M. and Hurley, S., eds. 1991. *Foundations of Decision Theory*, Oxford: Basil Blackwell.
- Bahn, R., Deliso, A., Hubbard, S.. 1998. *The Inventory and Analysis of the Bridges and Pedestrian Traffic in Dorsoduro, San Polo, and Santa Croce Sestieri of Venice*. WPI Interactive Qualifying Project.
- Banovetz, James M., Dolan, Drew A. and Swain, John W., eds. 1994. *Managing Small Cities and Counties. A Practical Guide*. Washington, DC: International City/County Management Association (ICMA).
- Barr, R. 1991. "A federal approach to GIS", *Mapping Awareness*, Vol. 5, No. 6, pp. 15-19.
- Bassa, Olga, Chaves Ferreira, Elisa, LaVenture-George, David. 2003. *Examining a role for the community reinvestment act (CRA) for private brownfield reinvestment in Worcester*. Worcester Community Project Center: WPI Interactive Qualifying Project.
- Battocchi, Scott, Bell, Caitlin, Blair, Jeffrey, Cole, Natalie. 2003. *The Island of Pellestrina: Case Study for the Environmental Atlas of the Lagoon*. Venice Project Center: WPI Interactive Qualifying Project.

- Beltran, J., Brophy, E.E., Cardenas, A. 1995. *A Computerized Catalog of Outdoor Art in Dorsoduro, Venice*. Venice Project Center: WPI Interactive Qualifying Project.
- Bennett, Matt, Premo, Elizabeth, and Tavares, Jarod. 2001. *The Management and Maintenance of the Venetian 'Verde Pubblico'*. Venice: WPI Interactive Qualifying Project.
- Bernard, Russell H.. 2002. *Research Methods in Anthropology. Qualitative and Quantitative Approaches*. Third Ed.. Walnut Creek, CA: Altamira Press.
- Blizard, Ian, O'Connell, Edward and Schmidtberg, Erik. 2004. *Building Maintenance in Quincy*. Boston Project Center: WPI Interactive Qualifying Project.
- Blomberg, Adam, Newton, Ben, Mandrila, Ana-Maria and Vacca, Tom. 1999. *Radio Frequency ID Boat Monitoring System*. Venice Project Center: WPI Major Qualifying Project.
- Borrelli, A., Crawford, M., Horstick, J., Ozbas, H.. 1999. *Quantification of Sediment Sources in the Canals of the City of Venice, Italy*. WPI Interactive Qualifying Project.
- Brail, Richard K. and Klosterman, Richard E., eds. 2001. *Planning Support Systems*. Redlands, CA: ESRI press.
- Brown, Zachary and Groeli, Florentin. 2003. *Urban Planning in Worcester: Past, Present and Future*. Worcester Community Project Center: WPI Interactive Qualifying Project.
- Budić, Zorica D.. 1994. "Effectiveness of Geographic Information Systems in Local Planning", *Journal of the American Planning Association*, Vol. 60, No. 2, Spring, pp. 244-263.
- Butler, Allison J. and Dueker, Kenneth J. 2001. "Implementing the Enterprise GIS in Transportation Database Design", *URISA Journal*, Vol. 13, No. 1, Winter, pp. 17-28.
- Cahan, Bruce B. 2002. "Strategic Investing in Community GIS", presentation delivered at the conference *Planning for Community Statistical Systems*, Tampa, FL, March 13, 2002.
- Calhoun, Shaun, Kumar, Raja, Tiscia, Anthony, and Turner, Terrence. 2004. *Manuscript Transcription Assistant Initiative*. WPI Major Qualifying Project.
- Calvino, Italo. 1972 (1993 ed.). *Le Città Invisibili*. Milan: Mondadori.
- Cambridge University. 2003. *Flooding and Environmental Challenges for Venice and its Lagoon: State of Knowledge 2003*, An International Scientific Meeting at Churchill College, Cambridge, England, 14th–17th September 2003.
- Campagna, Michele and Deplano, Giancarlo. 2004. "Evaluating geographic information provision within public administration websites", *Environment and Planning B: Planning and Design*, Vol. 31, pp. 21-37.
- Campbell, A. J.. 1999. "Institutional Consequences of the use of GIS" in *Geographical Information Systems*. Longley, Paul A., Goodchild, Michael F., Maguire, David J. and Rhind, David W., eds. Second Edition, 2 Vols.. New York: John Wiley and Sons.

- Campbell, Heather and Masser, Ian. 1995. *GIS and Organizations*. London: Taylor and Francis.
- Caniato, Giovanni, Carrera, Fabio, Giannotti, Vincenzo and Pypaert, Philippe, eds.. 1999. *Venezia la città dei rii*. Verona: Cierre edizioni.
- Caniato, Giovanni. 1999. "La manutenzione dei rii in epoca moderna. Politiche e modalità d'intervento" in *Venezia la Città dei Rii, op.cit.*
- Caporale, Stefan J., Cergneux, Max, Freed, William, and Matzal, Anna L. 1997. *The Development of a Prototype for an Automated Ambulance Dispatch System in Venice, Italy*. Venice Project Center: WPI Interactive Qualifying Project.
- Caron, Claude and Bédard, Yvan. 2002. "Lessons Learned from Case Studies on the Implementation of Geospatial Information Technologies", *URISA Journal*, Vol. 14, No. 1, pp. 17-36.
- Carrera, Fabio. 1994. "I Rii e la Qualità della Vita a Venezia" in *Coses Informazioni*, Venice.
- Carrera, Fabio. 1996. *Il Traffico Acqueo nei Canali Interni di Venezia*, report to UNESCO in the framework of the *Venice Inner Canals* project. July.
- Carrera, Fabio. 1997. *Il Traffico Acqueo nella Laguna di Venezia*, Report to the Provincial government on the boat traffic campaign of July 29, 1997. Venice: Provincia di Venezia, Ufficio Trasporti e Mobilità, and COSES. December 15, 1997.
- Carrera, Fabio. 1999a. *Il Traffico Acqueo nei Principali Rii di Venezia e Canali Laguari*, Report to the Municipal and Provincial governments on the boat traffic campaign of March 17, 1998. Venice: COSES. January 31, 1999.
- Carrera, Fabio. 1998. *Il comportamento idrodinamico dei canali interni di Venezia*. Report to UNESCO in the framework of the *Venice Inner Canals* project.
- Carrera, Fabio. 1999c. "La riapertura dei rii terà" in *Venezia la Città dei Rii, op.cit.*
- Carrera, Fabio. 1999d. *Geographical Information System per la Gestione dei Canali Interni di Venezia*. Report on the UNESCO-Insula agreement (phase 1).
- Carrera, Fabio. 2001. in *City Under Siege*. National Geographic Video. Aired around the globe on the National Geographic Channel.
- Carrera, Fabio. 2001b. *UNESCO-MURST "Venice Inner Canals project"*, final report to UNESCO in the framework of the *Venice Inner Canals* project.
- Carrera, Fabio. 2002. "Trasporto e Distribuzione di merci nel centro storico di Venezia: spontaneismo e riorganizzazione" in *Quaderni di Insula*. Venice: September 2002, pp. 29-33.
- Carrera, Fabio. 2004. "City Knowledge as key to understanding the relation between waters and stones in Venice". Refereed paper in *Flooding and Environmental Challenges for Venice and its Lagoon*. Cambridge, UK. (accepted for publication).
- Carvajal, Hernando, Federico, Manrico, Gonzalez, Carlos, Johnson, Tim, and Levesque, Jeff. 1991. *A Study of Tide Flows, Mud Buildup, Boat*

- Traffic, and Structural Damage on the Cannaregio Canal Subsystem*. Venice Project Center: WPI Interactive Qualifying Project.
- Cellucci, Paul, Governor. 2000. *Executive Order 418. Assisting communities in addressing the housing shortage*. The Commonwealth of Massachusetts, Executive Department, issued on 1/21/2000.
- Chicken, J.C. and Hayns, M.R.. *The Risk Ranking Technique in Decision Making*. Oxford: Pergamon, 1989.
- Chiu, D., Jagganath, A., Nodine, E.. 2002. *The Moto Ondoso Index: Assessing the Effects of Boat Traffic in the Canals of Venice*. WPI Interactive Qualifying Project.
- Chiu, D., Lacasse, C., Menard, K.. 2004. *Mapping Turbulent Motorboat Discharges in the Canals of Venice, Italy*. WPI Major Qualifying Project.
- Ciacciarelli, Michael, O'Connor, Bryan, Sylvia, Barry and Testa, Steven. 1990. *A Hygenic, Dynamic, and Static Study of the Canals of Venice, Italy*. WPI Interactive Qualifying Project.
- Cohen, M. D., March, J. G., and Olsen, J. P. 1972. "A Garbage Can Model of Organizational Choice", *Administrative Science Quarterly*, Vol. 17, No. 1, pp. 1-25.
- Commonwealth of Massachusetts. 2000. *Building Vibrant Communities. Linking Housing, Economic Development, Transportation and the Environment*. Executive Department. Available on line at <http://www.massdhcd.com/eo418/hyperlink%20index.htm>. Accessed on 5/19/04.
- Comune di Venezia. 1986. *Indagine sul Traffico Acqueo*. Venice.
- Comune di Venezia. 1987. *Indagine sul Traffico Acqueo*. Venice.
- Consorzio Venezia Nuova. 1988. *Livellazione di dettaglio del Centro Storico e delle isole*.
- COSES. 1999. "Indagine sui danni provocati dagli eventi di marea sulle Unità Immobiliari pubbliche e Private ai piani terra del Centro Storico di Venezia". *Rapporto COSES n. 46/1999*.
- Coulton, Claudia J. with Lisa Nelson and Peter Tatian. 1997. *Catalog of Administrative Data Sources: for neighborhood indicator systems*. National Neighborhood Indicators Partnership. The Urban Institute.
- Cozzutto, Lapo. 1997. *Rapporto sull'Applicativo "SmartInsula"*. UNESCO Report in the framework of the "Venice Inner Canals" project.
- Craglia, Massimo and Signoretta, Paola. 2000. "From global to local: the development of local geographic information strategies in the United Kingdom", *Environment and Planning B: Planning and Design*, vol. 27, pp. 777-788.
- Craglia, Massimo, Leontidou, Lila, Nuvolati, Giampaolo and Schweickart, Jürgen. 2004. "Towards the development of quality of life indicators in the 'digital' city", *Environment and Planning B: Planning and Design*, vol. 31, pp. 51-64.
- Creps, Erik, Hiremath, Pallavi, Pantazelos, Robert, and Stefanik, Dan. 2001. *Re-engineering Tree Management in Cambridge: The Benefits Provided by Updated Tree Management Techniques*. Boston: WPI Interactive Qualifying Project.

- Crockett, Thomas W. 1998. "Digital Earth: A New Framework for Geo-Referenced Data", *ICASE Research Quarterly*, Vol. 7, No. 4.
- Cullen, Christopher, Moriarty, Michael, and Patel, Chirag. 2002. *Parking Monitoring and Management in Cambridge*. Boston Project Center: WPI Interactive Qualifying Project.
- Dandekar, Hemalata C., ed. 2003. *The Planner's Use of Information*. Second ed. Chicago: Planners press.
- Dehri, Genci, Laratro, Antonio, and Orlando, Michael. 2004. *Ultra Violet Scanner for the Enhancement of the Readability of Damaged Parchments*. WPI Major Qualifying Project.
- Delaive, A., Kristant, E., Petrowski, C., Santos, L.. 2002. *The Church Floors in Venice, Italy: An Archeological Study and Analysis*. Venice: WPI Interactive Qualifying Project.
- De Marchi, Carlo. 1993. *A hydrodynamic model of the network of canals of the city of Venice*. Master's Thesis, University of California, Davis, CA.
- De Marchi Carlo. 1996. *Effetti idrodinamici di interventi sulle caratteristiche idrauliche della rete dei canali interni della città di Venezia. Rapporto sulle simulazioni matematiche delle caratteristiche idrauliche della rete dei canali Veneziani* for UNESCO-MURST project *Venice Inner Canals*; July.
- De Marchi, Carlo. 1997. *Un Modello Matematico del regime idraulico della rete dei canali interni della città di Venezia, Rapporto sulla calibrazione di un modello matematico idraulico della rete di canali interni della città di Venezia* for UNESCO-MURST project *Venice Inner Canals*; November.
- Desmond, Brenda, Fitzhugh, Christopher, Kheny, Vikram. 2002. *Improving Environmental Awareness for Chelsea Creek Communities*. Boston Project Center: WPI Interactive Qualifying Project.
- Doherty, K., Maraia, J., Parodi, C., Souto, F.. 1995. *A Documentation and Analysis of the Traffic, Cargo Deliveries, and Docks within the Insulae of Santa Maria Formosa and Frari*. WPI Interactive Qualifying Project.
- Donnelly, B., Hart, B., Pilotte, M., Scherpa, T.. 1999. *Safeguarding the Churches of Venice, Italy: a Computerized Catalogue and Restoration Analysis*. WPI Interactive Qualifying Project.
- Dorigo, Livio, 1966. *Rilievi Contemporanei di velocità di marea nei canali della Giudecca, Fondamente Nuove, Canal Grande ed alcuni rii interni della città*, Ist. Ven. Sci. Let. ed Arti, Vol. III, Rapporti e Studi, Venezia.
- Dorigo, Wladimiro. 1999. "I rii di Venezia nei secoli IX-XIV: un profilo storico" in *Venezia la Città dei Rii, op.cit.*
- Dow, Walter, McDaniel, Matthew, Moyer, Dale, St.Pierre Jeremy. 2003. *Documenting the Blue and Green Amenities of Worcester, Massachusetts*. Worcester Community Project Center: WPI Interactive Qualifying Project.
- Duffy, J., Gagliardi, J., Mirtle, K, Tucker, A.. 2001. *Re-Engineering the City of Venice's Cargo System for the Consorzio Trasportatori Veneziani Riuniti*. WPI Interactive Qualifying Project.
- Dye, Richard F. and Merriman, David F., 2000. "The Effects of Tax Increment Financing on Economic Development", *Journal of Economic Development*, 47, 306-328.

- Eichelberger, Pierce. 2004. "Modernizing Land Records Pays Off". *ArcUser*. July-September. Redlands, CA: ESRI corporation, pp. 16-17.
- el-Khoury, Rodolphe, "Polish and Deodorize: Paving the City in Eighteen Century France," *Assemblage*, no. 31, Cambridge: MIT Press, Spring 1997.
- Evans, John and Ferreira, Joseph Jr.. 1995. "Sharing Spatial Information in an Imperfect World: Interactions between Technical and Organizational Issues" in Onsrud and Rushton, eds., 1995. *Sharing Geographic Information*, op. cit., pp. 448-460.
- Evans, John D. 1997. *Infrastructures for Sharing Geographic Information among Environmental Agencies*. Ph.D. Thesis. MIT-DUSP.
- Faludi, Andreas, ed. 1973. *A Reader in Planning Theory*. Oxford: Pergamon Press.
- Faludi, Andreas. 1986. *Critical Rationalism and Planning Methodology*. London: Pion.
- Farmer, Jay, Settle, Jennifer, St. Pierre, Matt, Wall, Chris. 2003. *Transportation and Open Space Study for the City of Worcester*. Worcester Community Project Center: WPI Interactive Qualifying Project.
- Felices, D., Moreno, C., Munoz, A., Smith, B.. 1994. *A Documentation and Analysis of the Docks, Cargo Deliveries, and Boat Traffic within the Santa Maria Zobenigo Insula*. WPI Interactive Qualifying Project.
- Felices, Martin, Goodfellow, Lauren M., Johnson, Jay L., and Maheshwary, Sonali A. 1997. *A preliminary feasibility study of the implementation of HIFLO vacuum sewerage system within the city of Venice*. Venice Project Center: WPI Interactive Qualifying Project.
- Ferreira, Joseph Jr.. 1998. "Information Technologies that Change Relationships between Low-Income Communities and the Public and Non-profit Agencies that Serve Them," Chapter 7 in *High Technology and Low-Income Communities*. Donald A. Schön, Bish Sanyal and William J. Mitchell, eds., Cambridge: MIT Press.
- Ferreira, Joseph Jr. 2002. "Spatial Data Infrastructure for Economic and Community Development". Transcript of remarks presented at the Wharton Impact Conference *The Expanding Role of GIS in Business and Government*. August 21, 2002.
- Findlay, Bill. 2002. "Designing a Data Utility", *GITA Proceedings*. Available on line as of 9/8/04 at <http://www.gisdevelopment.net/proceedings/gita/2002/municipal/gita2002039pf.htm>.
- Fiorin, Franco and Carrera, Fabio. 1999. "L'evoluzione del sistema dei trasporti e del traffico acqueo" in *Venezia la Città dei Rii*, op.cit.
- Fletcher, David, Espinoza, John, Mackoy, R.D., Gordon, Steven, Spear, Bruce and Vonderohe, Alan. 1998. "The Case for a Unified Linear Reference System", *URISA Journal*, Vol. 10, No. 1, pp. 7-11.
- Flynn, D.J. 1992. *Information Systems Requirements: Determination and Analysis*. London: McGraw-Hill Book Company.
- Flynn, Jennifer, Fydenkevez, Paul, McCarthy, Brina, O'Connell, Christine J. 2003. *Optimizing Parking Regulation Enforcement and Revenue Collection in*

- the City of Cambridge*. Boston Project Center: WPI Interactive Qualifying Project.
- Forester, John. 1989. *Planning in the Face of Power*. Berkeley: University of California Press.
- Forester, John. 1993. *Critical Theory, Public Policy, and Planning Practice. Toward a Critical Pragmatism*. Albany: State University of New York Press.
- Gaewsky, Kristopher, Gebhardt, Karl, Reanrungrach, Nicholas, Reynolds, Christine. 2003. *Safety and Recycling in Large Buildings*. Boston Project Center: WPI Interactive Qualifying Project.
- Gage, Matt, Johnstone, Kimberly, Shaver, Colleen, West, Josh. 2003. *Transportation Management in the City of Cambridge*. Boston Project Center: WPI Interactive Qualifying Project.
- Gallo, Alberto. 1999. *Scarichi fognari e danni lungo le sponde dei canali interni di Venezia. Rapporto sul catalogo multimediale dei dati delle campagne '92-'93 for UNESCO-MURST project Venice Inner Canals*; January 30.
- Geddes, Patrick. 1911. *The Civic Survey of Edinburgh*. Edinburgh: Chelsea Civics department.
- Geertman, Stan. 2002. "Inventory of planning support systems in planning practice: conclusions and reflections", in *Proceedings of the 5th AGILE Conference on Geographic Information Science*, Ruiz, M. and Gould, M., eds. Palma: Balearic Islands, Spain (<http://www.agile-online.org>).
- Geertman, Stan and Stillwell, John., eds. 2003. "Planning support systems: an introduction" in *Planning Support Systems in Practice*. Berlin: Springer-Verlag.
- Geertman, Stan and Stillwell, John. 2004. "Planning support systems: an inventory of current practice", *Computers, Environment and Urban Systems*, Vol. 28, No. 4, July, pp. 291-310.
- Ghose, Rina and Huxhold, William. 2002. "The Role of Multi-scalar GIS-based Indicators Studies in Formulating Neighborhood Planning Policy". *URISA Journal*, pp. 5-17.
- Gladwell, Malcom. 2000. *The Tipping Point*. Boston: Back Bay Books.
- Godin, Seth. 2001. *Unleashing the idea virus*. New York: Hyperion.
- Gomperts, Alexander, Lee, Joseph, and Tanefusa, Yusuke. 2004. *Ultrasound Boat-Monitoring System*. WPI Major Qualifying Project.
- Habermas, Jürgen. 1984. *The Theory of Communicative Action*. Vol. 1., *Reason and the Rationalization of Society*. Boston: Beacon Press.
- Habermas, Jürgen. 1987. *The Theory of Communicative Action*. Vol. 2, *Lifeworld and System: A Critique of Functionalist Reason*. Boston: Beacon Press.
- Hall, Peter. 1988 (1998 reprint of updated 1996 edition). *Cities of Tomorrow: An Intellectual History of Urban Planning and Design in the Twentieth Century*. Oxford: Basil Blackwell.
- Halloran, A., Rohleder, K., Malik, R., Fletcher, K.. 2002. *An Integrated, Multi-Agency Approach to the Preservation of Venetian Palaces*. WPI Interactive Qualifying Project.
- Hamir, Akraad, Mallozzi, Nina, and Traynor, Kate. 2003. *Building a Better Future: Housing Development in Worcester*. Worcester Community Project Center: WPI Interactive Qualifying Project.

- Hammond, K.R., McClelland, G.H., and Mumpower, J. 1980. *Human Judgment and Decision Making. Theories, methods and procedures*, New York: Praeger.
- Hammond, K.R. , Harvey, L.O., and Hastie, R. Jr.. 1991. *Making Better Use of Scientific Knowledge: Separating Truth from Justice*, Center for Research on Judgment and Policy, Institute of Cognitive Science, July.
- Hart, A., Hetrick, T., LeRay, D., LoPresti, E.. 2004. *Boston City Knowledge*. WPI Interactive Qualifying Project.
- Harvey, Francis. 2001. "Constructing GIS: Actor Networks of Collaboration". *URISA Journal*, Vol. 13, No. 1, pp. 29-37.
- Harris, B. 1999. "Computing in planning: professional and institutional requirements", *Environment and Planning B: Planning and Design*, vol. 26, pp. 321-331.
- Hart, Adam, Hetrick, Todd, LeRay, David, LoPresti, Emily. 2004. *Applying E-Government Principles in the operation of the Boston Environment Department*. WPI Interactive Qualifying Project.
- Hayes, H., Liu, J., Salini, C., Steinhart, A.. 2003. *Church Floors and Archeology*. WPI Interactive Qualifying Project.
- Ho, Oliver, Kligman, Ricardo, Patel, Chirag, and Patel, Ravi. 2003. *Manuscript Transcription Assistant*. WPI Major Qualifying Project.
- Hoch, Charles J., Dalton, Linda C., and So, Frank S., eds. 2000. *The Practice of Local Government Planning*. Third Edition. Washington, DC: International City/County Management Association (ICMA).
- Hopkins, Lew D. 1999. "Structure of a planning support system for urban development". *Environment and Planning B: Planning and Design*, Vol. 26, No. 3, May, pp. 333-343.
- ICMA (International City/County Management Association), 2002. *Electronic Government survey* (www.icma.org).
- Innes, Judith E. and Simpson, David M.. 1993. "Implementing GIS for Planning", *Journal of the American Planning Association*, Vol. 59, No. 2, Spring, pp. 230-236.
- Innes, Judith E. 1995. "Planning Theory's Emerging Paradigm: Communicative Action and Interactive Practice". *Working Papers of the Institute of Urban and Regional Development*. Working paper n. 629. Berkeley: University of California. February 95.
- Innes, Judith E. 1996. "Information in Communicative Planning". *Working Papers of the Institute of Urban and Regional Development*. Working paper n. 679. Berkeley: University of California. October 96.
- Innes, Judith E.. 1998. "Information in Communicative Planning", *Journal of the American Planning Association*, Vol. 64, No. 1, Winter, pp. 52-63.
- Jajosky, Jessica, Moller, Christopher, Zarr, Joshua. 2003. *Economic Development Opportunities for Worcester*. Worcester Community Project Center: WPI Interactive Qualifying Project.
- Johnson, Mark D., Lovisolo, Jonathan, and Okuno, Yasuhiro. 2003. *Ultrasound Boat-Monitoring System*. WPI Major Qualifying Project.
- Johnson, Steven. 2001. *Emergence*. New York: Touchstone.

- Keating, Gordon N., Rich, Paul M., and Witkowski, Marc S. 2003. "Challenges for Enterprise GIS", *URISA Journal*, Vol. 15, No. 2, pp. 23-36.
- Keeney, R.L. and Raiffa, H. 1976. *Decisions with Multiple Objectives*, New York: John Wiley and Sons.
- Kelly, Nina M. and Tuxen, Karin. 2003. "WebGIS for Monitoring 'Sudden Oak Death' in coastal California", *Computers, Environment and Urban Systems*, Vol. 27, pp. 527-547.
- Kemp, Roger L. 1998. *Managing American Cities. A Handbook for Local Government Productivity*. Jefferson, NC: McFarland & Co.
- Klosterman, Richard E.. 2000. "Planning in the Information Age". In *The Practice of Local Government Planning*. Hoch, Charles, J., Dalton, Linda C. and So, Frank S., eds. Washington, DC: International City/County Management Association.
- Klosterman, Richard E.. 2001. "Planning Support Systems: A New Perspective on Computer-aided Planning" in *Planning Support Systems*, Brail and Klosterman, eds. Redlands, CA: ESRI press.
- Kuhn, Thomas S.. 1962. *The Structure of Scientific Revolutions*. Second ed. (1970). Chicago: University of Chicago Press.
- Laudon, K.C. and Laudon, J.P. 1996. *Management Information Systems: Organization and Technology*. Upper Saddle River, NJ: Prentice Hall.
- Laurini, Robert. 2001. *Information Systems for Urban Planning*. New York: Taylor and Francis.
- Lindbloom Charles. 1959. "The Science of "Muddling Through", *Public Administration Review*, Spring, pp. 79-88.
- Linstone, H.A. 1984. *Multiple Perspectives for Decision Making*, New York: North-Holland.
- Longley, P.A. and Harris, R. J. "Towards a new digital data infrastructure for urban analysis and modelling". *Environment and Planning B: Planning and Design*, Vol. 26, No. 6, November, pp. 855-878.
- Malone, Thomas. Winter 1997. "Is Empowerment Just a Fad? Control, Decision Making, and IT." *Sloan Management Review*. Cambridge, MA.
- Mancuso, Andrea N. 2003. *Un web gis per il centro storico di Venezia*. Doctoral thesis. Istituto Universitario di Architettura di Venezia. Venice.
- Mandelbaum, Seymour J., Mazza Luigi and Burchell, Robert W., eds. 1996. *Explorations in Planning Theory*. New Jersey: Center for Urban Policy Research press.
- Marchetti, P., Mazza, K., Hoey, S., Kahan, M.. 2003. *Adaptive reuse of Venetian Palaces and Convents*. Venice Project Center: WPI Interactive Qualifying Project.
- Marchewka, Jack T. 2003. *Information Technology Project Management. Providing Measurable Organizational Value*. Hoboken, NJ: John Wiley and Sons.
- Massachusetts Division of Employment and Training. 2003. *Employment and Wages* (ES-202). http://lmi2.detma.org/lmi/lmi_es_a.asp
- Massachusetts Housing Finance Agency. 2002. *Housing List*. Boston.

- Masser, Ian and Wilson, Tom. 1984. "Approaches to Information Management in County Planning Authorities in England and Wales", *Urban Studies*, Vol. 21, pp. 415-425.
- McHarg, Ian L.. 1969. *Design with Nature*. Cambridge: MIT Press.
- Mencini, G. 2000. *Sull'Onda Viva del Mare*. Venezia.
- Mumford, Lewis. 1961 (1989 ed.). *The City in History: Its Origins, its Transformations, and its Prospects*. New York: MJF Books.
- National Neighborhood Indicators Partnership, 1999. *Building and Operating Neighborhood Indicator Systems: A Guidebook*. Kingsley, G. Thomas, ed.. Washington, DC: The Urban Institute.
- National Research Council. 1993. *Toward a Coordinated Spatial Data Infrastructure for the Nation*. Washington, DC: National Academy Press.
- Nedović-Budić, Zorica. 2000. "Geographic Information Science Implications for Urban Regional Planning", *URISA Journal*, Vol. 12, No. 2, pp. 81-93.
- Nedović-Budić, Zorica and Pinto, Jeffrey K.. 1999. "Understanding Interorganizational GIS Activities: A Conceptual Framework", *URISA Journal*, Vol. 11, No. 1, pp. 53-64.
- Nedović-Budić, Zorica and Pinto, Jeffrey K.. 2000. "Information sharing in an interorganizational GIS environment", *Environment and Planning B: Planning and Design*, vol. 27, pp. 455-474.
- Nedović-Budić, Zorica, Feeney, Mary-Ellen F., Rajabifard, Abbas and Williamson, Ian. 2004. "Are SDIs serving the needs of local planning? Case Study of Victoria, Australia and Illinois, USA", *Computers, Environment and Urban Systems*, Vol. 28, No. 4, July, pp. 329-351.
- Nelson, Kimberly L. 2002. *Structure of American Municipal Government*. ICMA Special Data issue, No. 4. Washington, DC: International City/County Management Association.
- Novello, Andrea and Sartori, Davide. 2004. *Progettazione ed avviamento di un sistema web-GIS per la gestione degli spazi ed aree pubbliche in concessione*. Tesi di I Livello. Venice: Istituto Universitario di Architettura di Venezia. Diploma in Sistemi Informativi Territoriali.
- NRC. 1995. *A Data Foundation for the National Spatial Data Infrastructure*, Washington: Mapping Science Committee, National Research Council, 55 p.
- O'Donnell, Malinda, Pollard, Turin, and Savain, Marvin. 2002. *Enhancing Public Safety in Boston: A Computerized System to Inventory and Track Underground Storage Tanks*. Boston Project Center: WPI Interactive Qualifying Project.
- Olmsted, Frederick Law, Jr.. 1913. "A City Planning Program" in *Proceedings of the Fifth Conference on City Planning*. Boston.
- Paluello, Carlo. 1900. *Note igieniche sul progettato ponte lagunare - con particolare riguardo alla malaria*, Tipolit. Ferrari, Venezia.
- Piasentini, Stefano. 1999. "Aspetti della Venezia d'acqua dalla fine del XIV alla fine del XV secolo" in *Venezia la Città dei Rii*, op.cit.
- Pulliero, Augusto. 1987. *Canal Grande Mare Forza Tre*. Venezia.

- Reeve, Derek and Petch, James. 1999. *GIS Organizations and People*, London: Taylor and Francis.
- RKG Associates, Inc. 2002. *Housing Market Study: City of Worcester, Massachusetts*. Durham, NH.
- Rorty, Richard. 1989. *Contingency, Irony and Solidarity*. Cambridge, UK: Cambridge University Press.
- Samdadia, Viren. 2004. *Integration of 3D Parametric Building Model (3dPBM) and Geographic Information Systems (GIS) in Educational Facility Planning and Management*. WPI Masters Thesis in Civil Engineering.
- Sawicki, D.S. and Flynn, P.. 1996. "Neighborhood Indicators", *Journal of the American Planning Association*, Vol. 62, No. 2, Spring, pp. 165-183.
- Schiffer, Michael. 1992. "Towards a collaborative planning system".. *Environment and Planning B: Planning and Design*, Vol.19, pp 709-722.
- Schön, Donald A. 1983. *The Reflective Practitioner. How Professionals Think in Action*. New York: Basic Books.
- Schuster, J. Mark, with de Monchaux, John and Riley, Charles A. II, eds. 1997. *Preserving the Built Heritage. Tools for Implementation*. Salzburg Seminar. Hanover, NH: University Press of New England.
- Shuler, John A. 2003. "Geographic Information Resource Management", *UCGIS Research Priorities*. <http://www.ucgis.org>. Downloaded 2/24/03.
- Simon, H.A. 1960. *The New Science of Management Decision*. New York: Harper & Row.
- Singh, Raj R.. 2004. *Collaborative Urban Information Systems: A Web Services Approach*. PhD Thesis, Department of Urban Studies and Planning, MIT: Cambridge, MA.
- Talen, E. 1999. "Constructing neighborhoods from the bottom-up: the case for resident-generated GIS", *Environment and Planning B: Planning and Design*, Vol.26, pp 533-554.
- Todaro, Rudi. 2003. Personal Communication.
- Tulloch, David and Fuld, Jennifer. 2001. "Exploring County-level Production of Framework Data: Analysis of the National Framework Data Survey", *URISA Journal*, Vol. 13, No. 2, pp. 11-21.
- Tufte, Edward R. 1997. *Visual Explanations. Images and quantities, evidence and narrative*. Cheshire, CT: Graphic Press.
- Ullmann, Jeffrey D. And Widom, Jennifer D. 2001. *A First Course in Database Systems*. New York: Prentice Hall.
- Umgiesser, Georg and Zampato, Lucia. 1999. "Un modello Idrodinamico dei Canali Interni di Venezia" in *Venezia la Città dei Rii*.
- U.S. Census Bureau. Census 2000. <http://www.census.gov>.
- U.S. Census Bureau. 2001 MSA Business Patterns.. <http://censtats.census.gov/cgi-bin/msanaic/msasel.pl>.
- Vibert, Conor. 2004. *Theories of Macro Organizational Behavior. A Handbook of Ideas and Explanations*. Armonk, NY: M.E. Shape.
- Williamson, I. and Ting, L.. 2001. "Land administration and cadastral trends – a framework for re-engineering" in *Computer, Environment and Urban Systems*, 25, 339-366.

- Wilmersdorf, Erich. 2003. "Geocoded information incorporated into urban online services – the approach of the City of Vienna", *Computers, Environment and Urban Systems*, Vol. 27, pp. 609-621.
- Wyatt, Ray. 1989. *Intelligent Planning. Meaningful Methods for Sensitive Situations*. London: Unwin Hyman.
- Yeh, Anthony G.-O, 1999. "Urban Planning and GIS" in *Geographical Information Systems*. Longley, Paul A., Goodchild, Michael F., Maguire, David J. and Rhind, David W., eds. Second Edition, 2 Vols.. New York: John Wiley and Sons.
- Yeh, Anthony G.O. and Webster, Chris. 2004. "Planning, government, information, and the internet". Guest editorial. *Environment and Planning B: Planning and Design*, Vol.31, No. 2, pp 163-165.
- Yin, Robert K. 1994. *Case Study Research. Design and Methods*. Second ed.. Applied Social Research Methods Series, Volume 5. Thousand Oaks: Sage Publications.
- Zuboff, Shoshana. 1991. "Informate the enterprise: an agenda for the 21 century". *National Forum* (summer).
- Zucchetta, Gianpietro. 1992. *Un'altra Venezia*. Venice: Arsenale Editrice