

DINO BORRI

Correspondence

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CURRICULUM VITAE

PERSONAL INFORMATION

Born on June 11th, 1946; Italian citizen;

EDUCATION

Master Degree in Civil Engineering at the University of Bari (1970)

ACADEMIC POSITIONS

1994 – present: Full Professor in Urban Planning Techniques, Polytechnic of Bari

1985 – 1994: Associate Professor in Urban Planning Techniques, University of Bari

1978 – 1985: Adjunct Professor of Urban Planning, University of Calabria, Cosenza

OTHER POSITIONS

2004 – present: President of the Associazione Italiana di Scienze Regionali (AISRe)

2004 – present: member of the Academic Senate of the Polytechnic of Bari

2003 – present: Chair of the Department of Architecture and Planning, Polytechnic of Bari

2003 – present: Director of Studies: Master in Territorial and Environmental Planning, Polytechnic of Bari

1999 – present: Editor-in-chief of *Urbanistica*

1999 – present: President of the Scientific Committee of *Fondazione Astengo*, Rome

1999 – 2000: Member of the Italian Committee for the E-Learning Master Degree program in GIS (*Nettuno Consortium*)

1997 – present: Scientific coordinator of INCO - DC 1997, Concerted Action promoted by EU - DG XII on Agriculture and Urbanization in the Mediterranean Region. Enabling Policies for Sustainable Use of Soil and Water.

1996 – 2000: Chair of the Department of Architecture and Planning, Polytechnic of Bari

1995 – 1999: President of *Fondazione Astengo* (INU-Istituto Nazionale di Urbanistica-Foundation for Continuing Education in Planning), Rome.

1994 – present: Manager for the DAU (Dept. Architecture and Urban Planning, Polytechnic of Bari) of the “active node” in the Network of Excellence EUNITE (*European Network on Fuzzy Logic and Uncertainty Modelling in Information Technology*, now *Intelligent Technologies for Smart Adaptive Systems*)

1994 – 1998: Italian Representative in the AESOP's (*Association of European Schools of Planning*) international board.

1990 – 1998: Director of Studies of the post graduate School of Urban and Regional Planning, University of Bari

1998 – present: Director of Studies of the post graduate School of Environmental Planning, Polytechnic of Bari

1992 Visiting Professor, University of Umea (Sweden)

1985 Visiting Professor, Massachusetts Institute of Technology (Boston)

Member of the Editorial Board of: *European Journal of Spatial Research*; *Plurimondi: An International Forum for Research and Debate on Human Settlements*

Editor of the Dedalo Publisher Series in Urban and Regional Planning

INVITED UNIVERSITY LECTURES

Italy: Milan, Venice, Rome, Naples, Turin, Cagliari, Palermo, Reggio Calabria, Chieti-Pescara, Cosenza, Salerno, Perugia.

Abroad: MIT, Oxford, Umea, Orebro, Stockholm, Paris, London, Wien, Salz

AREA OF RESEARCH

planning theory

interactive planning

futures research

application of information technology to spatial planning

intelligent planning agents

SELECTED PUBLICATIONS

Borri, D., Grassini, L., Lele, A., 2006, Planning for water in a changing policy environment: Learning from technological innovations and decision making changes in India, *Journal of American Planning Association* (forthcoming).

Borri, D., Camarda, D., 2006, Distributed knowledge in environmental planning: A hybrid IT-based approach to building future scenarios, *Group Decision & Negotiation* (forthcoming).

Borri, D., Camarda D., Cordiè C., Sigismondi A., 2005, Policies and tools for preserving common goods: The fragile natural habitat of the Alta Murgia National Park (Italy), *2005 European Ecological Congress EURECO 2005*, Izmir (Turkey), 8-13 November 2005.

Borri, D., Barletta, G., Camarda, D., Circella, G., 2005, Utilizzo della tecnologia RFID nell'analisi di flussi economici di filiera, paper presented at the *XXVI Conf. Assoc. Ital. di Scienze Regionali*, Napoli, 16-19 Ottobre 2005.

Avlijas, N., Borri, D., Monno, V., 2005, Facing the crisis in contexts in transition: Rethinking local development through experimentations of strategic visioning, paper presented at the *Conference of the Regional Studies Association Regional Growth Agendas*, University of Aalborg, Aalborg (Denmark), 28-31 May 2005.

Borri, D., Cera, M., 2005, An Intelligent Hybrid Agent for Medical Emergency Vehicles. Navigation in Urban Spaces, in van Oosterom, P., Zlatanova, S., Fendel, E. M. (eds.), *Geoinformation for Disaster Management*, Berlin, Springer, pp. 951-964.

Borri, D., Concilio, G., Selicato, F., Torre, C., 2005, Ethical and moral reasoning and dilemmas in evaluation processes: Perspectives for intelligent agents, in Miller, D., Patassini, D., *Beyond Benefit Cost Analysis. Accounting for Non-Market Values in Planning Evaluation*, Brookfield, VT, Ashgate, pp. 249-277.

Borri, D., Camarda, D., Grassini, L., 2005, Complex knowledge in the environmental domain: Building intelligent architectures for water management, *Lecture Notes in Computer Science*, 353, pp. 762-772.

Borri, D., Camarda, D., De Liddo, A., 2005, Mobility in environmental planning: An integrated multi-agent approach, *Lecture Notes in Computer Science*, 3675, pp. 119-129.

Borri, D., Celino, A., Concilio, G., 2005, Open Content Systems: prospettive nella pianificazione ambientale, in Cecchini, A., Plaisant, A. (a cura di), *Analisi e modelli per la pianificazione. Teoria e pratica: lo stato dell'arte*, Milano, Angeli, pp. 41-52.

Borri, D., Camarda, D., De Liddo, A., 2005, Aporie e potenzialità delle architetture cognitive multi-agente in un caso di pianificazione ambientale, in Cecchini, A., Plaisant, A. (a cura di), *Analisi e modelli per la pianificazione. Teoria e pratica: lo stato dell'arte*, Milano, Angeli, pp. 271-282

Borri, D., M. Caprioli and E. Tarantino. (2004). "Spatial Information Extraction from VHR Satellite Data to Detect Land Cover Transformations." *DAU Working Paper*

Borri, D., D. Camarda and L. Grassini. (2004). "Cognitive Architectures of Intelligent Agent Communities in Water Resource Management." IFAC Working Paper.

Borri, D., D. Camarda and A. DeLiddo. (2004). "Envisioning Environmental Futures: Multi-Agent Knowledge Generation, Frame Problem and Cognitive Mapping." *Lectures Notes on Computer Science*, Springer, New York.

Borri, D., Scandale, L., 2005, Aspetti cognitivi e organizzativi di campagne politiche come strumenti di visioning e pianificazione strategica. Evidenze dal caso dei "Forum per Bari", in Bruzzo, A., Ocellini, S., *Le Relazioni tra Conoscenza ed Innovazione nello Sviluppo dei Territori*, Milano, Angeli, pp. 100-121.

Borri, D., 2005, Puglia. Un bilancio prospettico su problemi ambientali e politiche territoriali, in Savino, M. (a cura di), *Pianificazione alla Prova nel Mezzogiorno*, Milano, Angeli.

Borri, D., 2005, Sviluppo urbano, regime fondiario e classi sociali a Londra e nel Regno Unito tra XVIII e XIX secolo, in Basile Bonsante, M. (a cura di), *Londra tra realtà e invenzione*, Venezia, Marsilio, pp. 31-46.

Borri, D., Camarda, D., De Liddo, A., 2004, Dealing with multi-agent environmental planning: A scenario-building approach, *Studies in Regional and Urban Planning*, 10, pp. 89-98.

Borri, D., Camarda, D., De Liddo, A., 2004, Envisioning environmental futures: Multi-agent knowledge generation, frame problem, cognitive mapping, *Lecture Notes in Computer Science*, 3190, pp. 230-237.

Borri, D., Giordano, R., 2004, Conoscenza locale e apprendimento nei nuovi ambienti cognitivi, *Scienze Regionali. Italian Journal of Regional Science*, 3, 3, pp. 107-126.

Borri, D., 2004, Introduction to Methodological Issues, in Borri, D., Camarda, D., Grassini, L., Barbanente, A., Khakee, A. (eds.), *Résistances Locales aux Pressions Globales. Une Perspective de Planification Socio-environnementale dans la Méditerranée*, Torino, L'Harmattan Italia, pp. 447-448.

Borri, D., 2003, Postfazione, in Healey, P., *Città e istituzioni. Piani collaborativi in società frammentate*, Bari, Dedalo, pp. 389-398.

Borri, D., 2003, Prospettive d'integrazione delle politiche per l'ambiente e il territorio in Europa, *Urbanistica*, 121, pp. 4-7.

Borri, D., 2003, La città mediterranea: strategie di risanamento e di progresso, *Adriatico*, 3, pp. 14-34.

Borri, D., 2002, Intelligent learning devices in planning, in Alexiou, K., Zamenopoulos, T., (eds.), *Proceedings of the Seminar on Computational Models in Design and Planning Support* (invited lecture, Sept. 2002, University College London, London, CASA (Center for Advanced Spatial Analysis)).

Borri D. (2002). Altruism and egoism in environmental disputes, *Urbanistica* no. 118, p.4.

Borri D. (2001). Planning and environmental risks, *Urbanistica* no. 117, p.4.

Borri D. (2001). Planning in Evolution, in N. Maiellaro (Ed.), *Toward Sustainable Building*, Kluwer, Dordrecht.

Barbanente A., Borri D., Concilio. G. (2001). Escapable Dilemmas in Planning: Decision vs Transactions, in H. Voogd (Ed.), *Recent Development in Evaluation in Spatial, Infrastructure and Environmental Planning*. GeoPress, Groningen The Netherlands.

Borri D., Barbanente A., Khakee A. (2000). Expert and Experiential Knowledge in Planning, in *Journal of Operational Research Society*. vol. 51, pp. 776-788.

Borri D., Barbanente A. (2000). Reviewing Self-Sustainability, in *Plurimondi. An International Forum for Research and Debate on Human Settlements*. vol. 4, pp. 5-19.

Borri D., Concilio G., Conte E. (1998). A fuzzy approach for modelling knowledge, in environmental systems evaluation. *Computers, Environment and Urban Systems*, vol. 22, pp. 299-313.

Barbanente A., Borri D., Concilio G., Macchi S., Scandurra E. (1998). Dealing with Environmental Conflicts in Evaluation: Cognitive Complexity and Scale Problems, in N. Lichfield, A. Barbanente, D. Borri, A. Khakee, A. Pratt (Eds.), *Evaluation in Spatial Planning: Facing the Challenge of Complexity*. Kluwer Academic, Dordrecht.

Barbanente A., Borri D., Monno V. (1997). Problems of land-use and transportation planning: cognition and evaluation models, in D. Borri, A. Khakee, C Lacirignola (Eds.), *Evaluation Theory: Practice and Urban-Rural Interplay in Planning*, Kluwer Academic, Dordrecht.

SELECTED PROFESSIONAL ACTIVITY

In the following H: Head; P: Partner

2004 Site Plan for the Historical District of Putignano; H

2002 – present: Strategic Plan for Urban Regeneration for Noicattaro, Bari, Italy; H

2001 – present: Master Plan of Corato, Bari; H

2001 – present: Experimental Study of a Public Ecological Residence for the Municipality of Andria, Italy (under commitment from Italian Ministry of Infrastructure and Transportation); H

2000 – 2001: Site Plan for the Industrial Zone of Gioia del Colle; H

1999 – present: Master Plan of Manduria, Taranto; H

1999- 2001: Head of the Leading Cabinet of the Protected Areas of the Province of Bari; H

1998 – 2002: Master Plan of Lucera, Foggia, Italy; H

1998 – 2002: Preliminary Plan of the Alta Murgia National Park, Italy; H

- 1997 Environmental Impact Assessment of the *Punta Perotti* complex, Bari, Italy (under commitment from the Penal Court of Bari); H
- 1996 – present: Master Plan of Ceglie Messapica, Brindisi, Italy; H
- 1995 – 2001: Master Plan of San Ferdinando di Puglia, Foggia; H
- 1995 – 2001: Commerce Plan of San Ferdinando di Puglia, Foggia, Italy; H
- 1994 – 1999: Master Plan of Campi Salentina, Lecce, Italy; H
- 1993 Environmental-social Impact Assessment of the Electric Power Plant of ENEL Spa in Cerano (Br), Italy; P
- 1991 – 1993: Site Plan for the “121” Public and Private Housing Area, Bari;, P
- 1989 Environmental Impact Assessment of the Electric Power Plant of ENEL Spa in Cerano (Br), Italy, 1989; P
- 1987 Environmental Impact Assessment of the IV Steel Plant in Italy for ITALIMPIANTI Spa (ILVA Taranto, Italy); P
- 1980 – 1982: Site Plan for the Historical District of Barletta,; P
- 1978 – 2003: Site Plan for the Carrassi District, Bari; P