

### ***Major Architectural Works***

- Residential complexes in Rome
- Hotel delle Nazioni in Rome
- Hotel Villa Dina in Catania
- UNDP residential complex in Dar-es-Salam (Tanzania)
- State Parliament Complex in Lagos (Nigeria)
- Design for a new Business District in Tripoli (Libya)
- Design for a new City Centre in Addis Ababa (Ethiopia)
- Participation in the final design and work supervision for the new urban area of Kotebe in Addis Ababa
- Design for the Monument to the Italian Aviator.

### ***List of Publications***

Note : *acronym CSDPT stands for "Centre for Regional Studies and Planning";  
acronym AIRO stands for "Italian Association for Operational Research";  
acronym AAMPPO stands for "Addis Ababa Master Plan Projects Office";  
acronym KIMPRASWIL stands for the Indonesian Ministry of Infrastructure  
and settlements  
acronym BAPPEDA stands for "Governmental Planning Board" (at various  
Indonesian Governmental levels)*

*(\*) University Publications*

*(\*\*) Published by Specialized Magazines*

*(\*\*\*) Published by Essay-collection Books*

*(cp) Conference Papers*

*(#) Books*

*® Studies Issued Upon Governmental Requests*

**"The Definition for Region"**, CSDPT, Rome, 1968 (\*)

**"Urban Studies and Interdisciplinary Aspects"**, in Journal *DIBATTITO URBANISTICO*, No. 26, Milan, 1969.(\*\*)

**"Spatial Interdependencies"**, CSDPT, Rome 1970 (\*)

**"Community Land Use Game : A Simulation Model"**, CSDPT, Rome, 1971 (\*)

**"The Concept of Informational Entropy in the Construction of a Model of Interactions in an Inhabited Space"**, CSDPT, Rome, 1971 (\*)

**"Role of Models"**, in the book **ARCHITETTURA E COMPUTER**, Bulzoni, Rome, 1972 (\*\*\*)

**"A Model for Town & Country Planners"**, in the book **ARCHITETTURA E COMPUTER**, Bulzoni, Rome, 1972 (\*\*\*)

**"A Model of Urban System"**, paper delivered at the AIRO Conference, Rome, November 6 - 8, 1972. (cp)

**"Gravitation and Entropy in Urban Planning Models"**, paper delivered at AIRO Conference, Taranto, September 27 - 29, 1976 (cp)

**"Traffic Flow System and Development Hypotheses for the Urban Area of Tripoli"**, Sviluppo Technica SpA, Rome, 1984 ®

**"MEDIAR Method: Theory and Application"** (*A Mathematical Approach to the Problem of Simulating the Dynamics of Urban Systems, as applied to Addis Ababa*), AAMPPO - Addis Ababa, 1985 ®

**"A City Centre for Addis Ababa"**, AAMPPO - Addis Ababa, 1985 ®

**"Key Project for the Building & Construction Industries in Addis Ababa"**, FOSWECO SpA, Rome, 1986, on behalf of AAMPPO ®

**"L'evoluzione sintropica dei sistemi urbani"** (*Evolution and Syntropy in Urban Systems*), Bulzoni, Rome, 1988 and 1991 (this book was awarded the **Prize of Culture For Year 1988** by the Italian Government) (#)

**"Note sulla dinamica di popolazione e risorse"** (*Notes on the Dynamics of Population and Resources*), Bulzoni, Rome, 1991 (#). [See link [<Dynamics of Population and Resources>](#), where a summary of the book text can be found]

**"Simulation of Malang Physical Growth"**, in co-operation with computer programmer Silvano Pellicchia (*within the preparation of the Malang Urban Development Programme*), C.Lotti & Ass., on behalf of BAPPEDA Malang, 1995 ®

**"A Study on Privatisation"**, 2 Volumes, C. Lotti & Ass., Bogor-Palembang, 1996-97, on behalf of the Indonesian Ministry of Home Affairs (MOHA) ®

**"Se sovrano è il popolo"** (*If the People is Sovereign*), in collaboration with Guido Branca (*an essay on deceptions from erroneous implementations of democracy, and proposal for a viable alternative implementation*), Bulzoni Editore, Rome, 1997 (#)

**"Suggestions for Future Land Acquisition Policies"**, BCEOM Consultants at the UMU-BAPPEDA, Surabaya, 1997 ®

**"Issues of Population Projections and Production Dynamics"**, BCEOM Consultants at the UMU-BAPPEDA, Surabaya, 1997 ®

**"Towards a Policy for the Regional Development"**, BCEOM Consultants at the UMU-BAPPEDA, Surabaya, 1998 ®

**"Suggestions for Anti-crisis Initiatives (*The Socioeconomic Promotion Role of Urban Primary Activities and Services*)"**, BCEOM Consultants at the UMU-BAPPEDA, Surabaya 1998 ®

**"A Probabilistic Econometric Model for East Java Province "** (*Forecast and Planning Instruments for the Economy in a Time of Crisis*), BCEOM Consultants at the UMU-BAPPEDA, Surabaya 1998 ®

**"Collection of Memos and Papers"** (amongst which *Padat Karya: A Strategic Labor Intensive Program* along with *Measures to Check Further Unemployment*), BCEOM Consultants at the UMU-BAPPEDA, Surabaya 1999 ®

**"Collection of Papers on Financial and Monetary Issues"** (*Analyses and Projections on Regional [PEMDA] Revenues-Expenditures in the emerging monetary crisis, with ad hoc Projection Models on Rupiah/US Dollar and Rupiah/Yen Exchange Rates*), BCEOM Consultants at the UMU-BAPPEDA, Surabaya 1998-1999, ®

**"The Problem of Coastal Zone"**, in collaboration with Eng. Sugyartini (*Analyses and Proposals for an Appropriate Sustainable Use and Development of Coastal Resources*), BCEOM Consultants at the UMU-BAPPEDA, Surabaya 1999 ®

**"Urban Development and Regional Socioeconomic Prospects"**, BCEOM Consultants, on behalf of KIMPRASWIL for the preparation of the Second National Urban Development Strategy (NUDS-II *Interim Report*), Jakarta, July 2000 ®

**"Features of Secondary Urban Roads + Assessing the Impact of Transportation Projects on Urban Systems"**, BCEOM Consultants at SURIP-1b, Jakarta, October-November 2000 ®

**"Benefit Monitoring and Evaluation for Sumatra Urban Development Sector Project (SUDSP) "** (*an ad hoc methodology prepared for evaluating the project impact in about 70 cities and towns of Sumatra*), GKW Consultants on behalf of KIMPRASWIL, Jakarta 2002 ®

**"Project Impact Monitoring and Evaluation"**, *(an original and innovative general methodology, with relevant manual, guidelines, and the report on an application to Medan Urban Development Project, prepared upon direct request from the Asian Development Bank)*, GKW Consultants on behalf of KIMPRASWIL, Jakarta 2003 ®

**"A Study on Privatisation Issues"**, Kota Palembang, 2004 *(a study on conditions and potentials for partial or full privatisation of public services in the Indonesian city of Palembang, carried out under a European Union Grant)* ®

Under application tests prior to publication:

**"A Model for Traffic Assignment on a Multimode Transport Network"** , in collaboration with Gianfranco Antonini and computer programmer Sergio Sirgi *(The Theoretical Problem of Multi-mode Transportation Demand and Actual Flow Distribution on a Regional Network)*, registered in Rome in Year 2002. (See link [<A Model for Traffic Assignment>](#), where a summary of the model's theoretical framework can be found.