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 Pellecchia *(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 Affair (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 od 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 EuropeanUnion 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 Assigment>, where a summary of the model's theoretical framework can be found.