



SANDRO DI GANGI, URBAN DESIGNER

*A highly motivated professional, who has worked on a number of activities and projects in the field of architecture and more specifically, urban planning, after gaining his Architecture Degree (1998). Since 2005 he has been focussing on **URBAN DESIGN**, with projects and reserach activities carried out in and related to Italy, Ethiopia, Eritrea and the Balcans. He has founded a reserach institution, **A+O ARCHIOPERAIO Planning for developing Countries**, inspired to the **OPERANT URBAN DESIGN** concept, based on the theory and experimental work of Burrhus F. Skinner on "Operant Conditioning", and John R. Searle on "Construction of Social Reality" as well as the rule "X counts as Y in C".*

The research method underlying in the A+O activity pays particular attention to the history of places and the future perspectives of today's society. A+O also entails several inspections of the places of interest for the research activity, to gain the necessary understanding and knowledge which will then be translated into design and solutions. The behaviour of those whom the project plan is addressed to is also studied as a main requisite of the design process. This reseach methodology is currently being implemented in two Ethiopian cities, Adua and Gondar, sponsored by the Ethiopian Ministry of Urban Development and the Urban Planning Coordinating Bureau (FUPCoB).

PROFESSIONAL EXPERIENCE

- 2005/08 Asmara (Eritrea), Palermo (Italy) – Founder and Coordinator of A+O ARCHIOPERAIO *Planning for developing Countries* (www.laap.it/Works%20A+O.html).
- 2001/08 Palermo (Italy) – Associate Architect, LAAP *Laboratorio di Architetture Aggregazione Palermo*, Landscape Architecture and Urban Design (www.laap.it).
- 2001/03 Addis Ababa (Ethiopia) – Lecturer of Construction Science, Istituto Tecnico Superiore (www.ambaddisabeba.esteri.it/scuole).
- 2001 Palermo (Italy) – Collaboration with *Monaco Architetti Associati* (www.monacoarchitetti.it).
- 2000 Barcelona (Spain) – Collaboration with Architect *Carme Pinós* (www.cpinos.com).
- 1999/00 Siena (Italy) – Collaboration with Architects *A. Mazzini, M. Vidotto, G. Barsacchi, R. Salvadori*.
- 1998/99 Naples (Italy) – Collaboration with the Department for Urban Planning of the Italian Navy, Italian Ministry of Defence.

RELEVANT PROJECTS (*details of all projects listed below can be found on www.laap.it*)

- 2008 Adua (Ethiopia) – "Operant Urban Design – Area of Zewbe Gebreweb street", sponsored by Federal Urban Planning Coordinating Bureau (FUPCoB) – Ministry of Works and Urban Development of the Federal Democratic Republic of Ethiopia.
- 2008 Gondar (Ethiopia) – "Operant Urban Design – Central Area behind Post Office" sponsored by Federal Urban Planning Coordinating Bureau (FUPCoB) – Ministry of Works and Urban Development of the Federal Democratic Republic of Ethiopia.
- 2007 Palermo (Italy) – Winning Architect and Project at the International Competition for "The Rehabilitation and Restoration of the Ancient Port in the Cala area of Palermo".
- 2007 Palermo (Italy) – Competition: "International Competition for the Rehabilitation and Restoration of the Mountainous areas of Piano Battaglia, part of the Madonie Natural Park. New tramway system. X counts as Y in C".
- 2005 Ein Hud (Israel, Palestinian Territory) – Competition: "Master plan for Ein Hud" (www.onelandtwtosystems.com).

STUDIES, RESEARCH (*details of all studies listed below can be found on www.laap.it*)

- 2008 Research:
History of the Italian Colonial Planning in Eastern Africa
The colonial planning of Adua, Adigrat, Mecalle, Dessiè, Batié. Public works in Gondar (Ethiopia).
- 2007 Research (distributed via electronic format):
History of the Italian Colonial Architecture in eastern Africa
The colonial planning of Dire Dawa, Harar, Gimma, and Gondar (Ethiopia).
- 2006 Research:
Urban Anatomy
Anatomical analysis of Mediterranean fish species to aid define a structure for the planning of urban settlements.
Study of rules and hierarchies in common between the planning of a new town or the salvaging of a degraded suburban area, and the anatomical perfection of a living being of the Sicilian faunistic heritage (Italy).
- 2006 Research (distributed via electronic format):
History of the Italian Colonial Architecture in eastern Africa
The planning of the Ethiopian capital Addis Abeba (Ethiopia) - 1936
and of smaller Eritrean cities: Decameré, Saganeiti, Adi Caieh, Senafé (Eritrea).

- 2005 Research (distributed via electronic format):
History of the Italian Colonial Architecture in eastern Africa
Planning of Cheren - 1913, Massaua - 1914/1937, Agordat - 1929 (Eritrea).
- 2005 Study:
Modernism in Serbia: The architects of the Modern Movement of Belgrade MMB: Milan Zlokovic', Dragisa Brasovan (Serbia).
- 2004 Research (distributed via electronic format):
History of the Italian Colonial Architecture in Asmara
Fascist government planning in the capital of Eritrea
Town-Plan of Asmara 1938 - 39 by the Architect Vittorio Cafiero (Eritrea).

EDUCATION AND QUALIFICATIONS

- 2001 Bologna (Italy) – Fully qualified as a Teacher for Class 16/A Students (secondary school) of the following modules: Construction Technology, Technical Drawing.
- 1999 Naples (Italy) – Fully qualified as a "Director of building sites complying with Italian Health and Safety regulations" (University Federico II, Naples).
- 1999 Siena (Italy) – Course on "Stratigraphy of Plasters" (Santa Maria della Scala Institute).
- 1998 Palermo (Italy) – Honours Degree in Architecture, specialised in "Protection and Rehabilitation of the Historical Architectural Heritage", 110/100 cum laude (equivalent to 1st Class Hons., A* in all modules).
Final Year Project: "Continuity in the working method of O.M. Ungers (historical analysis of German contemporary architectural contexts)", Palermo University.

PROFESSIONAL MEMBERSHIPS

- 2008 Professional Member of the "Urban Design Group" (London, UK www.udg.org.uk)
- 2004 Professional Member of the "Institute of Architects Building Testers" (Sicily).
- 2001 Professional Surveyor Member of the "Institute of Architects for the Protection and Rehabilitation of the historical architectural heritage" (Palermo, Italy).
- 1999 Chartered Member of the "Architects Association" (Palermo, Italy).
- 1992 Professional Member of the "Institute of Building Sites Personnel Instructors" (Palermo, Italy).

IT SKILLS

AutoCAD – 3D Studio max

LANGUAGE SKILLS

Italian: Mother tongue.

English: Good written and spoken.

French: Intermediate written and spoken.

PERSONAL AND CONTACT DETAILS

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Sandro Di Gangi

References upon request