

Ministère de l'Enseignement Supérieur et de la
Recherche Scientifique
Université Mohamed KHIDER de Biskra.
Faculté des Sciences et de la technologie

Département d'Architecture



- **Laboratoire de Conception et de
Modélisation des Formes et des
Ambiances Urbaines et Architecturales -
(LACOMOFA)**

**BISKRA ARCHITECTURE AND
SUSTAINABILITY
CONFERENCE' 2011**

**ARCHITECTURAL AND URBAN
DESIGN
CURRENT ASPECTS AND
FUTURE PROSPECTS**

4-5 December 2011

CALL FOR PAPERS

The energy crisis of the Seventies seems to have destabilized the daily life of the whole humanity. Various fields are touched by multiple environmental problems. One of the most visible consequences is, without any doubt, the poverty of the quality of life as well in urban environments as in rural ones. Air, ground and water pollution highlight the inevitable implication of the context, which remains closely related to the disciplines of architecture and town planning.

The concept of durability is more and more established as a multi-field scientific concept. From social sciences to engineering sciences, it appears that this concept is connected, most conveniently, with various research and scientific investigations, in respect of each one's characteristics.

The situation of architecture, at the crossroads of arts and sciences, of social and technological sciences, makes the applicability of the concept of durability even larger, not easily discernible, even conflictual.

Several efforts are combined today, and at various levels, in order, not only, to inhibit the contextual destabilizing tendency but also to mitigate the disinterest in the act of producing the architectural and the urban project.

From design to erection, use and maintenance, the concept of sustainable development seems weakening in front of feasibility considerations, certainly useful but not determining relatively for the citizens' aspirations related on quality and consequently on durability.

Several questions become then essential: What are the fundamental parameters which represent sustainable development? In what aspects these parameters are related to architecture and town planning? In which phase of the project's life cycle do the components of durability intervene? What would be the contributions and for which temporality?

The objective of this scientific meeting is to set up scientific channels relating to the concept of durability yet specific to the field of urban and architectural research. These last remain, par excellence, the invested research fields in the establishments devoted to training and research in architecture.

It is expected that the urban and architectural composition will be stressed, at the same time as representation, process, product, use and ambiances. Forms and spatialities will be at the center of the concerns on a scale spanning from singular buildings to the urban design of settlements, districts, POS, as it is of use to qualify operations relating to pieces of city.

Topics:

- Theoretical models and conceptual strategies in view to durability in the context of architecture and the urban design.
- Characterization of architectural and urban environments and ambiances
- The question of uses, representations
- Methods of integration and crossing of the sustainable development requirements in the architectural and urban design and production
- Description of new models, validation and integration in the conceptual process
- Innovating and sustainable materials, techniques and products
- The future of urban and architectural heritage

Abstract structure:

The summary must be sent to the following electronic address: basc2011conference@yahoo.fr
It must specify the title of the contribution, name, first names and authors' coordinates. The summary on an A4 page must contain a short introduction about the research, the adopted methodology, the investigated case study and a short outline on the nature of the results obtained.

Important dates:

July 15th, 2011: reception of the abstracts

august 15th, 2011: evaluation of the abstracts

October 15th, 2011: reception of the full papers

October 30th, 2011: evaluation of the full papers.

Registration fees:

Student : 2000 DA

Non-student : 4000 DA

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