

# How the concept of **resilience** is able to improve **urban** risk management?

## A temporal and a spatial analysis

 **île de France**

**November 3-4 2011**

**Paris**

**France**



resilis



# How the concept of resilience is able to improve urban risk management?

## A temporal and a spatial analysis

Organizing committee: Damien Serre, Bruno Barroca, Vincent Becue, Youssef Diab and Richard Iaganier

Penser la capacité d'adaptation des territoires d'aujourd'hui face aux risques naturels, concevoir des réseaux et des villes résistantes au regard des menaces auxquelles elles s'exposent suppose de restituer les dynamiques actuelles dans une perspective temporelle plus longue. Cette capacité d'adaptation doit aussi s'inscrire dans des perspectives et des configurations spatiales qu'elles soient urbaines, techniques, morphologiques, programmatiques et sociales résiliente. Il s'agit dans ce colloque de faire état des recherches permettant de concevoir le couple ville inondable-ville résiliente plutôt que de chercher à s'en protéger en séparant les territoires de l'eau des territoires de la ville.

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Designing the territory adaptation capacities against natural risks has become an essential issue. Building adapted urban networks and cities that will face risk events induces to think this adaptation in a long term perspective. This adaptation capacity has to be done taking into account the spatial shapes of the specific environments, in particular the urban configurations, including the urban infrastructures and buildings, the urban shapes and future developments, and the social issues to plan the urban resilience. This conference aims at making a research state of the art leading to the conception of antagonist issues: flooded cities – resilient cities, turning the negative effects of flood in a positive one allowing designing cities able to integrate flooding in their shapes and functions.

**Ce colloque est soutenu financièrement par la Région Ile de France dans le cadre du Réseau de recherche francilien sur le développement soutenable et par le projet Européen FloodResilienCity.**  
**Sponsored by the EU FloodResilienCity project and the Ile-de-France Region**



**DAY 1: TEMPORAL APPROACH (Conveners: Richard Laganier and Youssef Diab)**

**PROGRAMME**

9h30	Coffee & croissants
10h00	Opening conference <b>Mireille Ferri (Vice-president, IAU)</b>
10h30	Urban and social history of natural risks. <b>Denis Coeur (Historian - ACTHYS-Diffusion, Grenoble)</b>
11h10	Resiliency vulnerability notion: looking in another direction to study vulnerability and resilience of systems in face of risk or disaster. <b>Damienne Provitolo (CNRS/UMR GEOAZUR, Valbonne, France)</b>
11h50	A geo-archeological approach to explain urban disaster. <b>Eric Fouache (Professor in Physical Geography, geo-archeology, member of the GECKO laboratory (EA 375), researcher associated to the UMR 8591, CNRS Paris1/Paris12)</b>
<b>LUNCH</b>	
13h45	<b>Young Researcher Session - Poster Competition</b>
14h00	Evolution of natural hazard assessment methods. <b>Richard Ashley (Professor of Urban Water, University of Sheffield, Researcher UNESCO IHE Delft)</b>
14h40	City planners for a metropolitan resilience. Some examples in the Ile de France Region. <b>Magali Reghezza-Zitt (Assistant Professor in Ecole Normale Supérieure, Paris) and Richard Laganier (Professor in Prodig laboratory, Paris 7 University)</b>
15h20	Designing flood adapted cities. <b>Rutger de Graaf (Rotterdam University of Applied Science)</b>
16h00	The resilience engineering offer for municipalities. <b>Jean-Paul Arnaud (EGIS - Directeur commercial France)</b>
16h40	Urban resilience: an issue for urban engineering. <b>Youssef Diab (Professor, Paris-Est Marne-la-Vallée University, Scientific Director of the Ecole des ingénieurs de la ville de Paris)</b>
17h20	Discussion
20h00	Conference dinner for invited people only

**DAY 2: SPATIAL APPROACH (Conveners: Damien Serre and Bruno Barroca)**

**PROGRAMME**

9h30	Strategies for urban flood integration. <b>Cornelia Redeker (CO/R Cities on Rivers, consultant Zollhafen Mainz )</b>
10h10	"FloodResilienCity" project contributions. <b>Ingwer De Boer (General Director of the program "Room for the river" - Netherlands)</b>
10h50	Methods and tools for Urban Flood Management. <b>Chris Zevenbergen, (UNESCO IHE)</b>
11h30	Post hurricane planning in Louisiana and New Orleans. <b>James R Amdal, (Director, Merritt C. Becker Maritime and Intermodal Transportation Center - MITC, University of New Orleans)</b>
12h10	SMARTeST : how can technology contribute to urban flood resilience systems? <b>Jean-Luc Salagnac, (CSTB)</b>
<b>LUNCH</b>	
13h50	Organizational resilience assessment method: from theory to waste management application. <b>Hélène Beraud (PhD student, UPEMLV, LEESU) &amp; Bruno Barroca (Assitant professor, Paris-Est University, Urban Engineering Department)</b>
14h30	Urban technical resilience assessment for natural hazards. <b>Serge Lhomme (PhD student, EIVP)</b>
15h10	Organizational resilience: a multidisciplinary socio-technique challenge. <b>Benoît Robert (Director of Centre risque &amp; performance, polytechnique Montréal)</b>
15h50	Discussion
16h10	<b>Young Researcher Session Price attribution Youssef Diab</b>
16h20	<b>Conference conclusion Mireille Ferri (Vice-president, IAU)</b>

# Young Researcher Session

The young researcher session is organized for PhD students and all young researchers (PhD after 2008).

## Poster competition:

A poster competition is organized with oral presentations.

## Award:

More than 1500€

## Conference proceedings:

A printed book edited by Taylor and Francis will be produced with papers accepted. All presenters and poster competitors will have to send before the 30th of October a text of 20 000 signs.

All papers submitted to the conference will be independently assessed by members of the Scientific Committee.

## Important date:

Abstract: October 17 2011

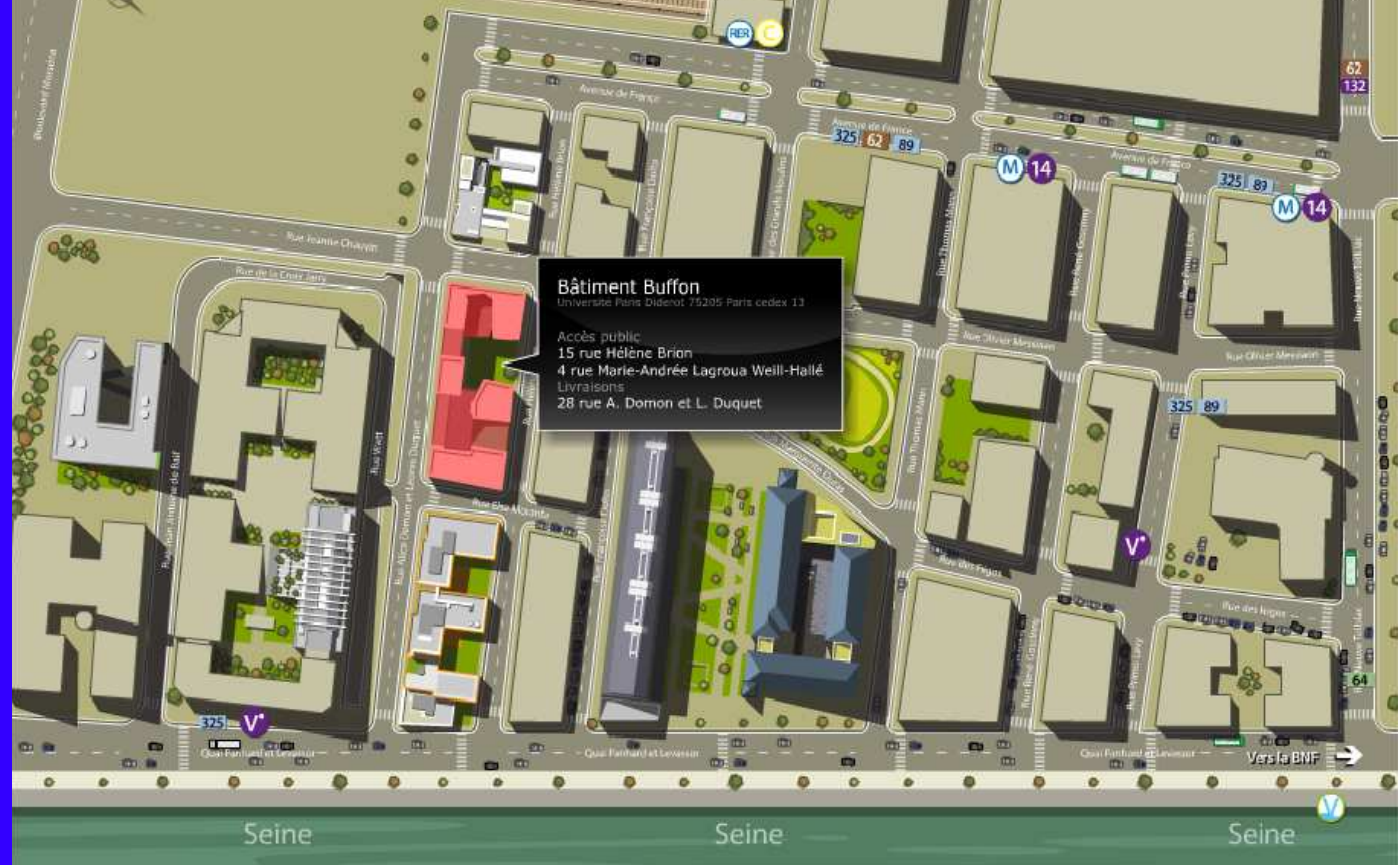
Full text: October 31 2011

Poster: Opening conference

## Submit abstract:

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## Conference:

Amphi BUFFON  
University of Paris Diderot  
15 rue Hélène Brion - Paris (13°)

## Registration (from August, 22nd to October, 31st):

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