

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

A temporal and a spatial analysis

November 3-4 2011
Paris
France



FloodProBE



île de France



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UNIVERSITÉ PARIS-EST
Mare la Vallée



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

A temporal and a spatial analysis

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

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	Opening conference Mireille Ferri (Vice-president, IAU)
10h00	Claude Kergomard - ENS (Speaker not confirmed)
10h45	Urban and social history of natural risks. Denis Coeur (Historian - ACTHYS-Diffusion, Grenoble)
11h30	Resiliency vulnerability notion: looking in another direction to study vulnerability and resilience of systems in face of risk or disaster. Damienne Provitolo (CNRS/UMR GEOAZUR, Valbonne, France)
12h15	A geo-archeological approach to explain urban disaster. Eric Fouache (Professor in Physical Geography, geo-archeology, member of the GECKO laboratory (EA 375), researcher associated to the UMR 8591, CNRS Paris1/Paris12)
14h30	Evolution of natural hazard assessment methods. Richard Ashley (Professor of Urban Water, University of Sheffield, Researcher UNESCO IHE Delft)
15h15	City planners for a metropolitan resilience. Some examples in the Ile de France Region. Magali Reghezza-Zitt (Assistant Professor in Ecole Normale Supérieure, Paris) and Richard Laganier (Professor in Prodig laboratory, Paris 7 University)
16h00	Designing flood adapted cities. Rutger de Graaf (DeltaSync - a multidisciplinary research, design and consultancy firm that consists of architects, structural engineers and water management experts)
16h45	Urban resilience: an issue for urban engineering Youssef Diab (Professor, Paris-Est Marne-la-Vallée University, Scientific Director of the Ecole des ingénieurs de la ville de Paris)
17h30	Discussion

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

PROGRAMME

9h30	Strategies for urban flood integration. Cornelia Redecker (TU Munich consultant, Zollhafen Mainz)
10h15	Urban technical resilience assessment for natural hazards. Damien Serre (Assistant Professor, EIVP) and Serge Lhomme (PhD, EIVP)
11h00	Methods and tools for Urban Flood Management. Chris Zevenbergen, (UNESCO/IHE)
11h45	Post hurricane planning in Louisiana and New Orleans. James R Amdal, (Director, Merritt C. Becker Maritime and Intermodal Transportation Center - MITC, University of New Orleans)
13h45	Young Researcher Session - Poster Competition
14h30	Organizational resilience assessment method: from theory to waste management application. Hélène Beraud (PhD. LEESU) and Bruno Barroca (Assistant Professor, UPEMLV – Urban Engineering Department)
15h15	Organizational resilience: a multidisciplinary socio-technique challenge. Benoît Robert (Director of Centre risque & performance, polytechnique Montréal / University of Mons)
16h00	"FloodResilienCity" project contributions. Ingwer De Boer (General Director of the program "Room for the river" - Netherlands)
16h45	Young Researcher Session Price attribution Youssef Diab
17h00	Conference conclusion Mireille Ferri (Vice-president, IAU)

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 of all full texts accepted will be included in the final printed conference proceedings.

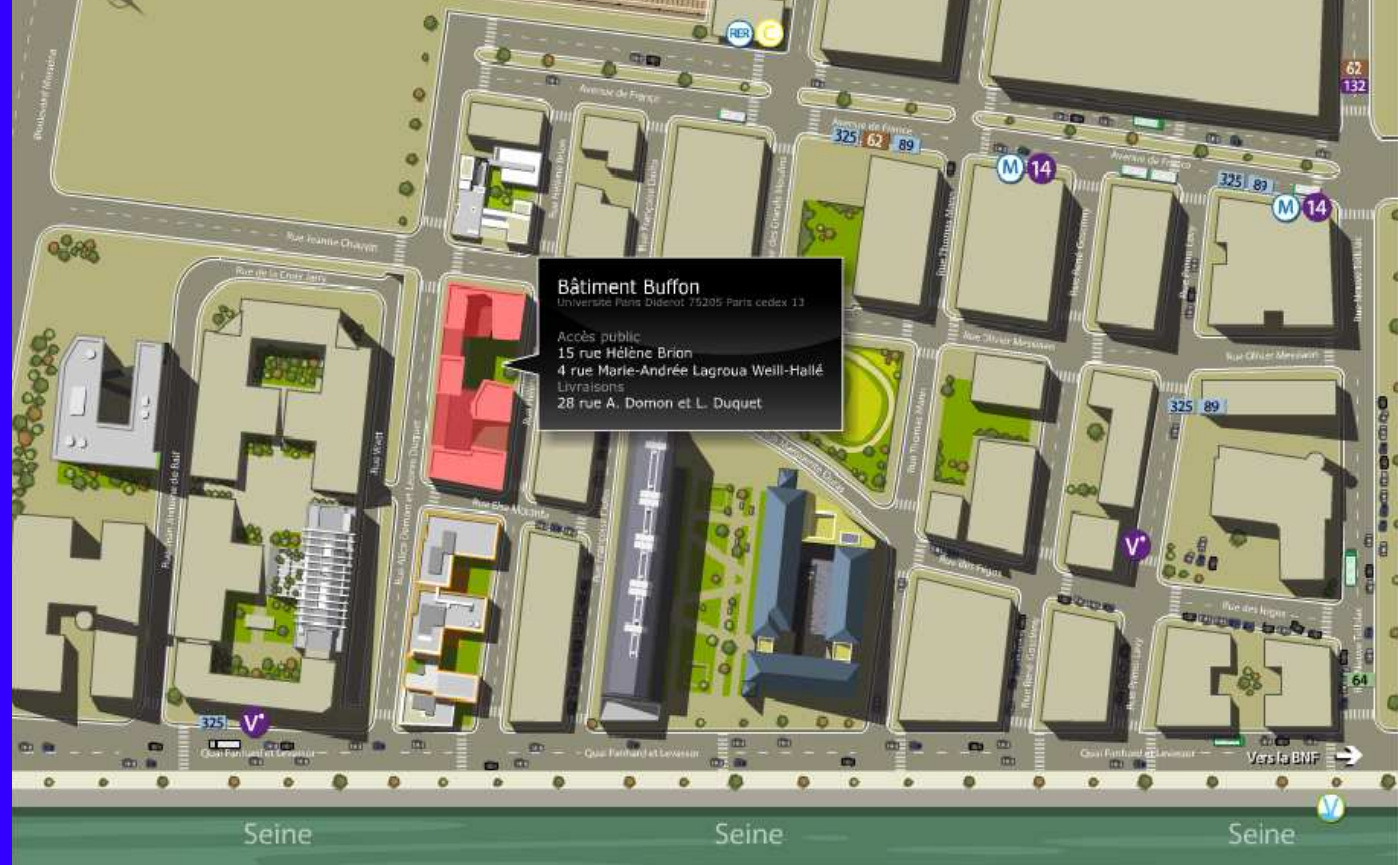
Abstracts and paper review are essential to maintain the overall standard of the conference, and to ensure high quality and relevant discussion. All abstracts submitted to the conference will be independently assessed by members of the Scientific Committee. They will grade the abstract on relevance, originality, breadth, completeness and clarity.

Important date:

Abstract: October 15 2011
Full text: October 30 2011
Poster: Opening conference

Submit abstract:

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Conference:

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

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

Estelle Deluca
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