

**CEPRI**

Centre Européen de  
Prévention du Risque d'Inondation

Les collectivités en Europe pour la prévention du risque d'inondation  
Communities and local authorities in Europe preventing flood risk

# Activity Report - Year 2014





# EDITORIAL OF THE PRESIDENT

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**W**e cannot repeat enough that France is a country subject to flooding: One inhabitant in four and one job in three is potentially exposed to the risk of flooding. It is without question the leading natural risk in France! The human toll was heavy again in 2014: 24 people died in floods in the South, including five as the result of endangering behaviour.

For the first time, France has provided itself with a National Flood Risk Management Strategy (SNGRI). Ségolène Royal, Minister of Ecology, Sustainable Development and Energy, officially presented it to us on 10th July 2014. The main purpose of this text, based on the 2007 Flood Directive, is to act on the negative consequences of floods. It aims to anticipate and act on all territories exposed to the risk (coast, large rivers, waterways, etc.). This national strategy is based on three objectives: increase the safety of the populations, reduce the cost of damage and sharply decrease the time for return to normal in the territories affected.

This is a first important step, but it is not enough. A change of approach is necessary: risk management needs to be integrated into all public policies, particularly land-use

planning policies. For example, the way in which territories in flood zones can be redeveloped needs to be discussed. The only way France can envisage reducing its vulnerability, and above all building territories which are resistant in the long-term, is by changing its approach.

It is with this in mind that initiatives were created in 2014, such as an international architecture competition launched by the Ministry of Ecology. The aim of the competition is to innovate in terms of urban and architectural design to better include flood risk in urban planning or reclassification operations with the goal of reducing vulnerability.

In this same spirit, a national workshop on the subject of territories in transformation exposed to risks is another way of tackling the issue of the future of the territories concerned. For one year, a team of high-level designers (multi-disciplinary experts) is at the disposal of elected representatives and State services on several pilot sites, including Saint-Pierre-des-Corps, to build a territory project. These nationwide laboratories help to reveal the principles for action and partnership modes to feed local and national deliberation. One of the main conclusions of this national works-

hop is that a project-based method and not a rule-based method must be applied.

In parallel to these construction initiatives, the subject of Flood Risk is suffering the turmoil of territorial reform with the MAPAM – modernisation of territorial public action and assertion of metropolitan areas. This is focusing energies on managing risk only, to the point of going against the very essence of the SNGRI. What about simplification, pooling and streamlining? Maybe in 10 years' time, but certainly not in the years to come.

In this sometimes difficult and tense context, CEPRI is successfully pursuing its assignments and fundamental work. It is continuing to recruit new members all over France, publishing new publications, organising a national seminar in addition to the general afternoon of thinking following on from the general assembly and is nourishing deliberations on flood risk thanks to work carried out by its committee of experts. Development remains constant in France and Europe, with one concern: to stay at the cutting-edge of this sensitive subject with new projects, at the service of its members and general interest.



**Marie-France Beaufils,**  
President of the CEPRI  
Senator of Indre-et-Loire  
Mayoress of Saint-Pierre-des-Corps

# 2014, IN A FEW MAJOR EVENTS

## CEPRI ALONGSIDE MEDDE for the official presentation of the National Flood Risk Management Strategy and start-up of public consultation on flood risk management plans

On 10th July 2014, Ségolène Royal, Minister of Ecology, Sustainable Development and Energy, presented at a press conference, attended by Marie-France Beaufiglioli, Frédéric Bonnet (architect), Daniel Marcovitch (Co-chair of the Mixed Flood Committee) and Jean Launay (Chairman of the National Water Committee), the first National Flood Risk Management Strategy. This was the opportunity to recall our country's exposure to the risk of flood and the necessity to have ambitious action plans to reach the three objectives set by this text: increase the safety of the populations, reduce the cost of damage and sharply decrease the time for return to normal in the territories affected. This strategy was officially adopted on 7th October 2014 by inter-ministerial decree.

### • Submission for review of the flood risk management plans - PGRI

On 19th December 2014, a public consultation was opened. An entire series of documents on the new Water Development and Management Master Plan (SDAGE) and its Measuring Plan (PDM), the Flood Risk Management Plan ( PGRI) and the Action Plan for the Marine Environment (PAMM) was put forward for public consultation. The results are expected in 2015 for approval of the PGRI in December 2015.

## CEPRI SUPPORTS THE DEVELOPMENT of ambitious projects with the launch of the national workshop "Territories in transformation exposed to risk"

CEPRI wanted to take part in this innovative and interesting approach, which consists in putting a team of multi-disciplinary experts at the disposal of elected representatives and State services, for one year, to build a territory project adjusted to the risk exposure. Five voluntary territories were selected: Tours/ Saint-Pierre--des-Corps, Val de Fensch, Argens valley, Oise valley and the banks of the Marne in Ile--de-France. CEPRI's team paid particular attention to the sites of Tours / Saint-Pierre-des-Corps and the Oise valley. This initiative, launched jointly by the Directorate General for the Prevention of Risks and the Directorate General for Development, Housing and Nature, is a genuine opportunity to allow the creation of ambitious flood risk projects and possibly to envisage the reproduction of certain principles on other sites.

## CEPRI ENCOURAGES FLOOD RISK to be included in planning strategies

We are seeing the start of a trend to include flood risk in the planning deliberations of territories situated in flood-risk zones via key events that marked the year 2014:

- Platform for Observation of Projects and Urban Strategies (POPSU) – subject 2013-2014: renewal of architectural and urban approaches in flood-risk zones,

- national workshop subject 2014-2015: territories in transformation exposed to risk,
- announcement by the Minister of Ecology of the launch of the prize for authorised planning in a flood zone,
- training request from the General Council of Val-de-Marne,
- request from certain towns for support to include flood risk in their planning policy (Bordeaux Urban Community, town of Orléans, town of Blois, etc.),

## CEPRI WAS THE CO-ORGANISER of a national-scale seminar in collaboration with representatives of MEDDE, on 5th November 2014

An event co-organised with representatives of the Ministry of Environment, Sustainable Development and Energy, on the theme of "Which local strategies for flood risk?" was held on 5th November 2014 in Paris. This seminar had different objectives: make a mid-way update on the transposition of the Flood Directive; increase newly elected representatives' awareness of the approach; publicise the action plans of National Flood Risk Management Strategy (SNGRI) and bring up good practices in order for them to be shared. It brought together over 250 people representing local governments and State services. This seminar day was introduced with a video message by the Minister.



## CEPRI AT THE CENTRE OF THINKING on the creation of a new authority, “management of aquatic environments and prevention of floods (GEMAPI)”

The “management of aquatic environments and prevention of floods” (GEMAPI) authority was created on 27th January 2014 by the law on modernisation of territorial public action and assertion of metropolitan areas. Following on from the joint position of the national associations of local governments, which it co-ordinated in 2013, CEPRI actively took part in discussions on writing these legal provisions and their regulatory consequences, sometimes being very critical of these new texts. With its presence at all meetings organised by the MEDDE and the national water committee (CNE), CEPRI demonstrated on numerous occasions its firm commitment, particularly towards current or future levee-managing authorities.

## CEPRI CONTINUES ITS DEVELOPMENT with the take-off of its European network

CEPRI has detected many opportunities to become a partner of European projects and has been contacted by project developers (Horizon 2020, Interreg). This has led to much involvement in events organised for the European programmes (current and future): extension of the network of contacts, Franco-Dutch seminar, Starflood, etc. These are all positive illustrations of CEPRI’s development on the European level. In parallel, CEPRI joined “Working group F” in the European Commission, a body for sharing experiences among all representatives of member states, particularly concerning implementation of the Flood Directive.

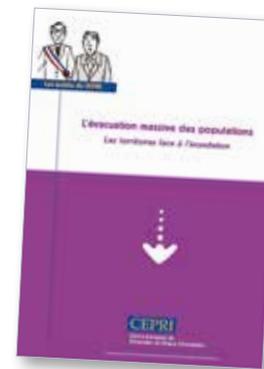
## CEPRI ASSERTS ITS “TRAINING” COMPETENCY with the granting of a training organisation certification number

On 24th February 2014, the prefect of the Centre region granted a training organisation certification number to CEPRI, thus fully recognising the association’s competency to transmit its knowledge on the subject of flooding. In 2014, CEPRI organised two training cycles: one for agents of the Val-de-Marne General Council on the issues of development in flood-risk zones and the other for agents from the Loiret department of territories on increasing awareness of flood risk and of continuity of public service activity.

## CEPRI EXTENDS ITS COLLECTION of publications with new releases in 2014

To enhance CEPRI’s collection of publications, new guides and reports have been added to the many already published in recent years:

- A guide on “The mass evacuation of populations - Territories faced with flooding”;
- A report on “Assessment of damage to housing related to marine submersion - Adaptation of damage curves to the coastal context”;
- A report on “Assessment of damage to housing related to flooding”.



## MEDIA COVERAGE: CEPRI contributions to the issues linked to flood risk with several concrete examples



- **Libération, 15th January 2014**  
Interview with Stéphanie Bidault – Director of CEPRI: *“Every time there is a flood, people always say they’ve never seen anything like it!”*
- **Interco. Risk management report, January 2014**  
Marie France Beaufilet – President of CEPRI: *“flood risk in local land planning strategies”*
- **Localtis, December 2014**  
*“the new GEMAPI authority, source of multiple questions among elected representative”*
- **Le Pèlerin, December 2014**  
*“floods: France can protect itself”*
- **Courrier des maires, December 2014**  
Interview with Nicolas Bauduceau – Scientific and Technical Director of CEPRI, *“we must make the territories more resilient”*
- **Irma, special report, December 2014**  
*“Reconciling sustainable development of our territories and floods: the opportunity for a new frame of action”*

# COMPOSITION OF THE ASSOCIATION

## BOARD OF DIRECTORS as at 31st December 2014

- **President**, Mrs. Marie-France Beaufile, AMF Senator of Indre et Loire
- **Vice- President**, Mr. Gérard Seimbille, AF-EPTB
- **Vice- President**, Mrs. Stéphanie Anton, City of Orléans
- **Treasurer**, Mr. David Belliard, EPTB Seine Grands Lacs
- **General secretary**, Mr. Gérard Malbo, General Council of the Loiret
- **Directors**: Mr. Christophe Boulanger General Council of Indre and Loire - Mr. Christian Braux, Agglo Orléans Val de Loire - Mr. Jean Pierre le Scornet, EP Loire - Mr. Vanik Berberian, AMRF - Mr. Alain Chambard, SyAGE - Mr. Jean-Claude Buisine, Syndicat Mixte de la Baie de Somme Grand littoral Picard MP of the Somme

## OTHER members

The greater urban community of Nevers, the Assembly of the Departments of France (ADF), the Assembly of the Communities of France (ADCF), the French Association of the Council of European Municipalities and Regions (AFCCRE), the French Association for Natural Disaster Prevention (AFPCN), the French Territorial Engineers Association (AITF), the Pyrénées Orientales General Council, the Cher General Council, the Gard General Council, the Val-de-Marne General Council, the Seine Maritime General Council, the Vaucluse General Council, the Provence Alpes Cote d'Azur Regional Council, the Centre Regional Council, the Ile d'Oléron inter-municipality organization, the Opale Sud inter-municipality organization, the greater urban community of Dunkerque (CUD), the greater urban community of Bordeaux (CUB), the greater urban community of Rouen-Elbeuf-Autstreberthe (CREA), the greater urban community of Seine-Eure, the greater urban community of Grand Dax, the Oise-Aisne Alliance, the Orly-Rungis-Seine Amont Public Establishment for planning and development, the Local Public Establishment of Vistre Basin, the National Federation of Local Authorities and Licensors (FNCCR), France Dykes, the Wateringues Interdepartmental Institution, the Natural Hazards Task Force (MRN), the Saffimbec Austreberthe River Bassin Syndicate (SMBVAS), the Aquatic and River systems Syndicate (SMMAR), the Boulonnais Syndicate for Water Development and Management (SYMSAGEB), the Syndicate of the Sud Gard urban master plan, the Inter-regional Syndicate of dyke management in the Rhône delta (SYMADREM), the Artigue Maqueline River Basin Syndicate, the Garonne River survey and development Syndicate (SMEAG), the Jalles de Lande intercity Syndicate in Garonne (SIJALAG), the Orge Aval Valley Syndicate (SIVOA), the Aa River system development and management Syndicate (SMA-

GEAA), the Lez River Basin Syndicate, the Somme River Basin Management and Maintenance Syndicate (AMEVA), the Châlons Urban Master Plan, the Marmandais intercity sanitation and flood defense Syndicate, the Tech Valley intercity management and development Syndicate (Siga Tech), the Ambès Peninsula Syndicate for flood prevention, the Charente Maritime Wetlands Union (UNIMA), the Interdepartmental Lèze Valley Syndicate (SMIVAL), the Intercity Bièvre Valley Syndicate (SIAVB), the city of Petit Noir, the city of Gennevilliers, the city of Macau, the city of Nantes, the city of Quimper, the city of Paris, the Gironde General Council, the Ile de Noirmoutier inter-municipality organization, the greater urban community of Guerande Atlantique, the greater urban community of Lorient, the city of Noirmoutier en l'Ile, the city of Saint Malo, the city of Blois, the greater urban community of Vichy, Chambéry metropolis, National Federation of Outdoor Accommodations, Metropolitan Center of the Cote d'Opale, Syndicate of Lourdes Country Valleys of Gaves.

## LIFE OF THE ASSOCIATION in 2014

- Four board of director meetings: 18th March, 3rd June, 7th October and 18th November.
- Two executive committee meetings: 18th February and 21st October
- One general meeting: 1st July followed by an afternoon of deliberation on the topic: **“How can new legal provisions serve the objectives of the National Flood Risk Management Strategy? How can the territories be organised to manage risks in the next 10 to 15 years?”**



# FUNCTIONING OF THE ASSOCIATION

## A TEAM with multiple competencies

CEPRI started the year with nine people who conducted the 2014 activity programme: one director, one scientific and technical director, one director's assistant, five project directors including one on an apprenticeship, one on training leave and one German intern specialising in construction engineering.

CEPRI has diverse and complementary competencies, bringing a comprehensive and transversal approach to the topics addressed: regulatory, legal and administrative aspects, governance and management, vulnerability of people and property, knowledge of randomness, strategy, economy and network leadership, communication, training and urban planning.

## NEW MEMBERS and a constantly developing PAPI network

CEPRI welcomed thirteen new members in 2014: France Dignes, Lorient agglomération, Conseil général de Gironde, Communauté de communes de l'île de Noirmoutier, Pôle Métropolitain Côte d'Opale, Noirmoutier en l'île, Syndicat mixte du pays de Lourdes Vallées des Gaves, Ville de Saint Malo, Communauté d'agglomération de la Presqu'île de Guérande (Cap Atlantique), Chambéry Métropole, Ville de Blois, Vichy Val d'Allier, Fédération Nationale de l'Hôtellerie de Plein Air (FNHPA).

In parallel, CEPRI is developing a network composed of PAPI promoters including a space for discussion, exchanges, and sharing of information, documents, and good practices for flood management. The goal is to offer resources and methodological support to the project directors at the various stages of their projects, from the phase of elaboration of the PAPI application to the concrete implementation of the programme actions.

To do this, the members of the PAPI network can have exchanges with the CEPRI team by telephone or by e-mail regarding the difficulties that they can encounter in the elaboration and implementation of their PAPI and the questions that they ask. They can also, if necessary, be put in contact with other project directors who face the same issues.

In 2014, CEPRI organised and led **four days of exchanges**, each of which brought together between 20 and 25 participants:

- on 13th April 2014, on post-crisis flood management,
- on 16th April 2014 on the "management of aquatic environments and prevention of floods" (GEMAPI) authority in the law on "modernisation of territorial public action and assertion of the metropolitan areas": What meetings were there for PAPI promoters?
- 2nd July 2014, on the European programmes: which opportunities for PAPI?
- 25th November, on multi-criteria analysis (AMC) applicable to flood risk management actions.

The goal of these meetings was to offer PAPI project directors an opportunity for exchanges in a convivial setting regarding the actions that they were carrying out in the territory, the factors for success and the difficulties encountered. CEPRI provided methodological elements to guide the participants in implementing their projects, and examples of good practices used elsewhere in France or in Europe.

CEPRI regularly invites agents from State services to take part in this type of exchange. Representatives from the Ministry of Ecology, the Directorate General for Risk Prevention and the Department of Development, Housing and Nature, of the General Commissariat for Sustainable Development, of the Department of Civil Safety of the Ministry of the Interior, and the

Scientific and Technical Centre for Construction also made contributions to the discussions, meeting with actors in the field and answering their questions. Members of the PAPI network now have access to a reserved space on the CEPRI website [www.cepri.net](http://www.cepri.net) where they can download the summaries of these meetings.

This network, made up of 33 members in 2013, received seven additional members in 2014: Lorient agglomération, Pôle métropolitain Côte d'Opale, EPTB Lot, Syndicat mixte Canche et Affluents (SYMCEA), Communauté d'agglomération Cap Atlantique, Communauté de Communes de l'île de Noirmoutier and EPTB Dordogne.

## PARTICIPATION in many training programmes

CEPRI has also been involved in several training programmes intended for local governments and State services (training on behalf of the Directorate General for Civil Safety and Crisis Management of the Ministry of the Interior, IRSTEA/IFORE training on cost-benefit analysis, training for agents of the Loiret department of territories on raising awareness of flood risk and implementation of a business continuity plan, training for agents from the Val de Marne General Council NPC training on on raising awareness of flood risk and the challenges of developing in a flood zone).

## SOLID INTERNATIONAL opening

CEPRI's involvement on the European and international stage was confirmed this year with CEPRI's participation in the European Commission's "Working Group F" (bringing together institutional representatives of the 28 European Union members and created to ensure the correct implementation of the Flood Directive, in co-ordination with the goals of the Water Framework Directive), alongside the French Government; participation in the Platform for Observation of Projects and Urban Strategies - Europe (POPSUE) and continued participation in the European Starflood project. CEPRI also continued to take part in debates on the future of several European projects, including Floodrésilientcity (FRC).

## THE COMMITTEE OF EXPERTS' activity

The CEPRI Committee of Experts (founded in 2012) is an advisory body whose purpose is to examine the technical and scientific guidelines put forth by the organisation. Drawing on the knowledge of major specialists in the field of flood risk management, it provides solid expertise to reinforce the quality of CEPRI's deliberation process. The Committee meets two to three times a year to discuss subjects validated by the Board of Directors. The secretary of the session is a member of the CEPRI team. The CEPRI Committee of Experts is currently made up of 14 members.

	Current position
<b>Emmanuel Garnier</b>	Assistant Professor in Modern History at the University of Caen Professor-Researcher at the CRHQ Visiting professor at Cambridge University (Clare Hall College)
<b>Frédéric Grelot</b>	Researcher - Economist at IRSTEA
<b>Karine Weiss</b>	Professor of social and environmental psychology at the University of Nîmes
<b>Jean-Pierre Valette</b>	Architect
<b>Freddy Vinet</b>	Professor of Geography at the University of Montpellier III
<b>Jean-Marc Février</b>	Lawyer Professor of Public Law at the University of Perpignan
<b>Nicolas-Gérard Camphuis</b>	Director for assessment and planning at the Loire Bretagne Water Department
<b>Brigitte Mazière</b>	Member of the General Council of the Environment and Sustainable Development
<b>André Bachoc</b>	Head of the central service of Hydro-meteorology and support to flood forecasting (SCHAPI)
<b>Eric Martin</b>	Manager of the fire brigade of the Var, Colonel Eric Martin directs the departmental fire and rescue service
<b>David Goutx</b>	Department of inter-regional structures at Météo-France
<b>Bruno Ledoux</b>	Consultant in the field of flood risk prevention
<b>Serge Tisseron</b>	Psychiatrist, doctor in psychology and psycho-analyst, researcher
<b>Magali Reghezza</b>	Lecturer at École normale supérieure

In 2014, CEPRI organised and led three days of meetings:

- 30th January 2014: "The flood prevention policy: how to help elected representatives set up a policy and its impact on the local level".
- 6th June 2014: "Living area or watershed area: what is the right scale for flood risk management to reach the targets set by the National Flood Risk Management Strategy?".

- 9th December 2014: "How to allocate public funding in terms of flood risk management? What are the selection and prioritisation criteria?"

Reports of these meetings were prepared and made available to all of our members.



# PARTICIPATION at many events

## JANUARY

- **9:** Paris, Steering group of the Flood resilient cities project
- **23-24:** Saint Pierre des Corps, follow-up of the national workshop "Territories in transformation exposed to risk"
- **23:** Paris - PTB Seine Grands Lacs international workshop
- **24:** Paris, OECD Seine Basin study – Comité territorial Seine Amont
- **28:** Vienna - Technical day of the Association Rivière Rhône Alpes "How to encourage the inclusion of water in development projects".
- **30:** Paris, Committee of Experts

## FEBRUARY

- **3-5:** Compiègne – Creil, national workshop "Territories in transformation exposed to risks"
- **3-4:** Lyon - France-digues Technical Committee + feedback on the 2007 decree
- **4:** Paris, national water committee (CNE), working group on the implementing decrees of the MAPAM Act
- **6:** Paris, steering committee of the national conference on natural risks
- **11:** Paris, Mixed Flood Committee (CMI)
- **13:** Paris, national working group on the cost/benefit analysis and multi-criteria analysis

## MARCH

- **3:** Paris, national water committee , working group on the implementing decrees of the MAPAM Act
- **10-11:** Rotterdam-Amsterdam – POPSU (Platform for Observation of Projects and Urban Strategies, MEDDE) seminar: "Flood zones in the city: renewal of urban approaches and architectural projects"
- **12:** Orléans, 30 years of EP Loire
- **13:** Paris, working group on the levee decree, MEDDE
- **19:** Paris, Orientation Council for the prevention of major natural risks (COPRNM)
- **21:** Paris, national water committee , working group on the implementing decrees of the MAPAM Act

## APRIL

- **1st:** Paris: "Economic Committee of the SLGRI of the Ile de France", presentation: "Reducing economic activities' vulnerability to flooding"
- **2:** Paris, CNE/CMI
- **2-4:** La Rochelle: "Conference-debate: Reduce coastal risks and adjust to climate change", presentation "the contribution of PAPI to coastal territories' resilience"
- **8:** Orléans, Sustainable development day
- **10:** Paris, CMI
- **10:** Paris - Special meeting of GEMAPI AdCF/ACUF
- **17:** Paris, working group on the levee decree, MEDDE

## MAY

- **6:** Paris, working group on the levee decree, MEDDE
- **13-14:** Dublin, Think Tank, European INTERREG projects
- **14-15:** Montpellier – Working group on "Factoring in adaptation to climate change in urban planning"
- **22:** Paris, International Committee of the COPRNM
- **27-28:** Lille, Think Tank, European INTERREG projects

## JUNE

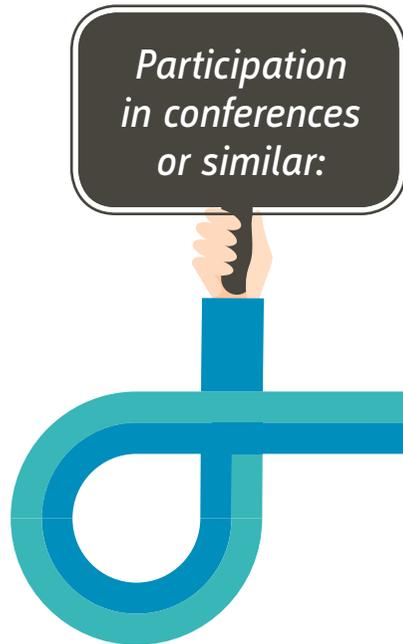
- **4:** Orléans, ASTEE general assembly
- **5:** Seminar "resilience in action" (University Paris Est Marne la Vallée); post-flood waste management
- **5:** Compiègne, national workshop "Territories in transformation exposed to risks"
- **6:** Paris, Committee of Experts
- **10:** Paris, working group on the levee decree, MEDDE
- **12-13:** Paris: "Plouf 75", presentation: "The city faced with flooding: what lessons can we learn from major floods abroad? "
- **12:** Paris , CMI working group, vulnerability guidelines
- **16-17:** Créteil, training of agents from the Val de Marne General Council
- **23:** Montpellier, national conference on biodiversity
- **26:** Paris: Launch of RDT 2014 (risks decisions territories) research programme
- **27:** Paris, working group to design leaflet with the construction quality agency (AQC)

## JULY

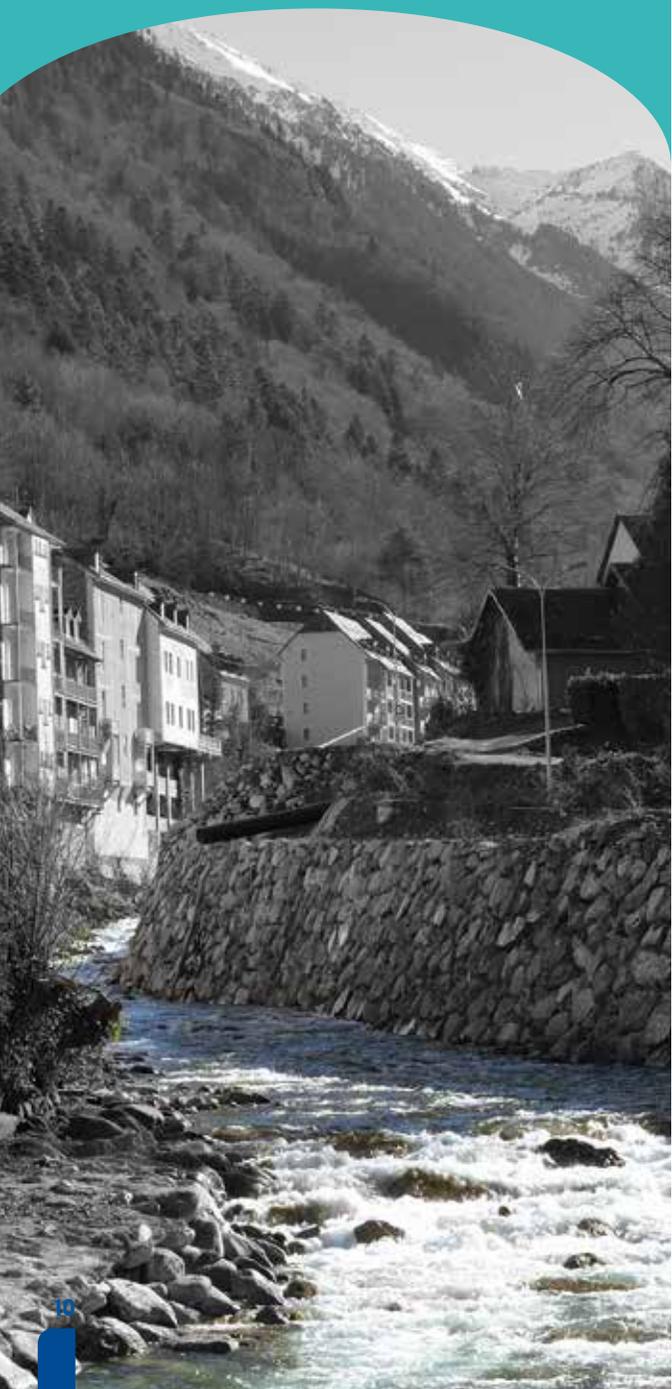
- **1:** Paris, CEPRI general assembly
- **2:** Paris, conference on GEMAPI, organised by FNCCR
- **3:** Orléans, conference on levees, organised by EP Loire
- **7:** Saint Pierre des Corps, follow-up of the national workshop "Territories in transformation exposed to risk"
- **8:** Paris, working group on the levee decree, MEDDE
- **10:** Paris, CMI and presentation of the National Flood Risk Management Strategy by Mrs. Ségolène Royal
- **11:** Paris , CMI working group, vulnerability guidelines
- **15:** Paris, Ile de France strategic committee (Flood Directive)

## AUGUST

- **26:** Paris, meeting with Mrs. Ségolène Royal



Participation  
in conferences  
or similar:



## SEPTEMBER

- **9 and 10:** Montpellier, national conference of the order of land surveyors
- **15 and 16:** Créteil, training of agents from the Val de Marne General Council
- **24:** Antwerp, final conference of the Floodcom project
- **24-25:** Lognes: "Training of prefecture staff in flood risk", presentation: "Potential impacts"
- **29:** Lyon, meeting with DREAL Rhône Alpes
- **30:** Paris – Day of the International Office for Water "Floods: how can they be prevented? "
- **30 and 1/10:** Rouen - France-digues Technical Committee

## OCTOBER

- **2:** Paris, BDHI steering committee
- **8-9:** Noirmoutier-en-l'Île – Jury of the ideas' competition "Living with the sea"
- **9-10:** Rome: "16th meeting of the Working Group on Floods" Intervention: "European Centre for Flood Risk Prevention: A tool for local communities facing flood risk"
- **13 and 14:** Créteil, training of agents from the Val de Marne General Council
- **17:** Paris, CMI working group, vulnerability guidelines
- **22:** Paris, CMI working group, prioritisation of funding

## NOVEMBER

- **4:** Compiègne, national workshop "Territories in transformation exposed to risks"
- **5:** Paris – national seminar on local flood risk management strategies (SLGRI)
- **6:** Paris, national working group on the cost/benefit analysis and multi-criteria analysis
- **6:** Observer during the "major flood" exercise organised by SyAGE, the Prefecture of Essonne and SDIS 91
- **6:** Paris, CMI
- **13 and 14:**
- **17:** Saint Pierre des Corps, follow-up of the national workshop "Territories in transformation exposed to risk"
- **17 - 18:** Meudon, IDDRI seminar on uncertainty and adaptation to the future climate
- **20:** Orléans, training of Loiret DDT agents
- **27:** Paris, seminar within the Franco-Dutch meetings
- **27:** Paris – Mayors' Congress, information update on "Implementation of the management of aquatic environments and prevention of floods" authority
- **27-28:** Paris, Franco-Dutch seminar on flood risk management

## DECEMBER

- **3:** Paris: CMI working group, initial state
- **9:** Paris, Committee of Experts
- **10:** Orléans - Forum Loire & affluents "At the heart of Europe's rivers"
- **10:** Paris, steering committee, development prize, MEDDE
- **11:** Seminar of executives of CASVP (Paris); business continuity plan and raising awareness of the flood risk
- **12:** Paris, CMI working group, resilience and the risk-awareness culture
- **15:** Paris, DRIEE Ile de France working group on designing resilient neighbourhoods
- **16:** Paris, committee of users of the national observatory of natural risks (ONRN)
- **18:** Paris, CMI
- **19:** Paris, selection jury of coastal SCoT, MEDDE

# 2014 ACTIVITY

This presentation recapitulates the entire 2014 programme of activities and actions undertaken during this year.

## REPRESENTING LOCAL authorities nationally

• **Acting on the 2014 tools of the Flood Directive**  
**Making sure that local authorities are involved**, among the leading rank of stakeholders, in the implementation of flood directive tools (local strategy, flood risk management plan, etc.).

**Helping with the understanding of the texts and methods** to contribute to greater involvement of the local governments in all of these processes.

**Producing elements for understanding** the stakes of the processes in progress and the need for being involved in them, with the national associations of local governing bodies.

Organisation, with representatives of the Ministry of Ecology, Sustainable Development and Energy, of a seminar on the theme of future local flood risk management strategies on 5th November 2014: more than 250 people attended (representatives of the State and of local governing bodies).

Participation in several consultation meetings organised in the Seine Normandy basin within the framework of producing the flood risk management plan and future local flood risk management strategies.

• **Providing expertise to the Mixed Flood Committee (CMI) and the Orientation Council for the prevention of major natural risks (COPRNM)**

**Providing support to the representatives of CEPRI** and, at their request, to those of other national associations of local governing bodies, for general policy matters and for the labelling of projects within the CMI.

Participation in all Mixed Flood Committee meetings: five meetings in 2014 and participation in the COPRNM meeting on 19th March 2014.

Monitoring of five national working groups set up by the CMI within the framework of the national flood risk management action plan. CEPRI co-steers, with the Ministry of Ecology, the working group dedicated to producing the vulnerability guidelines announced in the SNRGI. The different working groups will continue in 2015.

**Actively contributing to deliberation on emerging regulatory texts**

Participation in eight working groups within the framework of writing the implementation decrees of the MAPAM act of 24th January 2014: four organised by the national water committee and four organised by the Directorate General for Risk Prevention of the Ministry of Ecology, Sustainable Development and Energy.

Participation in conferences and technical days alongside the State, local governing bodies and other national associations (AdCF in particular, meeting on 10th April 2014)

Member hotline on the subject of this new authority Organisation of a day of exchange for the PAPI network on 16th April 2014 (35 representatives from local governing bodies attended) on the introduction of GEMAPI.

• **Monitoring the rapid submersion plan (PSR)**  
**Taking part in assessment work started by the Ministry of Ecology.**

Participation in the PSR technical follow-up committee as part of the CMI.

## ACCOMPANYING THE LOCAL GOVERNING BODIES in their local policies

• **Supporting the pilot actions borne locally by the governing bodies looking towards future local prevention strategies**

Monitoring the structure of future local flood risk management strategies (SLGRI). Monitoring of different territories: Bordeaux, Orléans, Ile de France, Vallée de l'Oise, Maubeuge, Châlons en Champagne Aude, Bassin Rhône Méditerranée Corse, etc.

Accompanying pilot projects which help advance the ways of acting, particularly approaches for help with decision-making in the PAPI and PSR projects: national methodology for multi-criteria analysis. Support for the Communauté urbaine de Bordeaux Improvement of the national multi-criteria analysis methodology with production of a methodology framework to assess the economic performance of measures to reduce the vulnerability of housing. Training for State services and local governments developing a PAPI project in cost-benefit analysis/multi-criteria analysis and its operation.

• **Promoting exchanges of experiences between operational actors**

Promoting networks for capitalisation, sharing, and dissemination of good practices in terms of flood management. Developing and widening their audience, with particular attention to:

• **Current and future PAPI promoters and their contractual partners;**

In autumn 2014, the PAPI network consisted of 42 technicians from local governments developing a PAPI or candidates. Since the start of the year, CEPRI has organised and led four days of exchanges for members of the PAPI network:

- 13th February 2014 on the subject of post-crisis management,
- 16th April 2014 on the new GEMAPI authority,
- 2nd July 2014 on the European programmes and funding,
- 25th November, on multi-criteria analysis (AMC) of flood management measures.

CEPRI also invited members of the PAPI network to take part in a working afternoon on 1st July 2014 on the subject "How can the new legal provisions serve the objectives of the National Flood Risk Management Strategy? How can the territories be organised to manage risks in the next 10 to 15 years?"

The elected representatives of the local governing bodies which are members of the PAPI network were also invited to take part in the conference organised by CEPRI and the MEDDE on 5th November 2014 on the subject "What are the local flood risk strategies?" The creation of the GEMAPI authority, within the context of implementing tools of the directive (local strategies), led to numerous enquiries from network members, which CEPRI attempted to answer.

- *The local governments involved in the management of protection structures;*

Support for managing local governments; representation of managing local governments within the framework of production of the "levees" decree; involvement in the life of the France digues association (participation in technical committees, the general assembly, the technical day in September, etc.).

- *Actors of the crisis management organisation and, more particularly, large towns and metropolitan areas faced with issues of mass evacuation;*

The "Mass evacuation of populations" guide was finalised in the first half of 2014 and was widely distributed to members of CEPRI, the PAPI network and partners involved in crisis management.

Develop new networks, with particular attention to:

- Coastal communities faced with coastline management and, more particularly, the tools allowing for strategic consideration. Within the framework of work carried out by CEPRI in view of the production of a guide on managing marine submersion risk, a number of actors involved in the management of coastal risks were contacted. They could make up the hard core of a future network for coastal communities involved in managing the marine submersion risk.
- Local governments developing future local flood risk management strategies (SLGRI). The seminar held on 5th November 2014, organised by CEPRI and the MEDDE on the subject of local flood risk management strategies demonstrated the importance of structuring a network of exchanges for structures developing future local flood risk management strategies. This network should come into effect in 2015.

#### • **Enriching the resource centre at the service of local governments**

Via **CEPRI's website**, writing and disseminating **notes** on important documents (reports, decrees, circulars) and producing and distributing educational **guides** applied to the issues encountered by local governments.

Regular updates of the website and regular updating of the member space. 15,114 users and 41,899 pages viewed in 2014, i.e. an increase of around 25% compared to 2013.

#### **INNOVATING BY DEVELOPING NEW TOOLS: ADAPTING TO LIVE in a flood zone along rivers and coasts**

##### • **Increasing the awareness of populations**

- *Evaluation of the efficacy of the tools for increasing awareness: feedback from experience (REX), analysis and recommendations.*

This year, CEPRI worked on seeking funding and local partners to carry out surveys on the impact of regulatory systems to increase populations' awareness of

flood risk. This first phase, which came to an end at the end of the year, will continue with bibliographical work already started on this subject. A case study has already been identified in the area of Orléans.

With the Loiret DDT, CEPRI organised a training session with three objectives: sharply increase agents' awareness of flood risk, introduce the DDT's flood business continuity plan to participating agents and educate people living in a flood zone to minimise the impact of a flood on their personal sphere.

##### • **Sustainable planning: management of territories**

- *Identify development principles in flood zones: contribute to deliberations on the installation of more solid networks / propose elements to transcribe the development principles in the PLUs;*

The report on development principles in flood zones in urban redevelopment was subjected to thorough review and validation by the many people concerned by the projects mentioned (French and foreign). It is currently being finalised.

CEPRI continued to accompany the City of Orléans on the project to develop the "Val Ouest" site; active participation in four meetings.

It also took part in seven meetings aiming to provide technical support to the Communauté urbaine de Bordeaux regarding its choices in terms of flood risk prevention.

Feedback on the inclusion of flood risks in the PLUs got under way in autumn 2014. In addition to listing bibliographical resources on the subject, several sites were identified.

As a training organisation, CEPRI replied to an invitation to tender consisting in training divisions of the Val de Marne General Council on integrating flood risk in land planning. It conducted three 2-day sessions which satisfied the expectations of CG 94.

A partnership with the Construction Quality Agency was undertaken, based on a joint publication. This is a leaflet for design and construction professionals proposing different construction choices for developments in flood-risk zones.

CEPRI also started bibliographical work and feedback work on the vulnerability of the networks (power, transport, sewerage, drinking water, etc.) to flooding. The aim is to highlight the technical, political and institutional routes via which the vulnerability of these critical infrastructures can be reduced.

Lastly, CEPRI contributed to feeding four approaches launched by the State:

- the national workshop “territories in transformation exposed to risk” in which five pilot sites were the subject of in-depth investigation on the way in which risk could be integrated into land planning;
- the POPSU Europe seminar on “Flood zones in the city: renewal of urban approaches and architectural projects” - Writing of an article in the book “Flood-prone towns” on the subject: “flood risk and development strategies in Europe”
- the working group launched by the DRIEE Ile de France within the framework of the implementation of SLGRI of TRI Ile de France: “design resilient neighbourhoods”.
- the development in a flood zone prize, announced by the Minister of Ecology on 10th July 2014 during the official presentation of the national flood risk management strategy.

**• Producing elements to increase awareness concerning management of urban runoff:**

This subject was developed throughout the year, pursuing the assembly of the existing bibliography on rain runoff to establish an overview of the problem. Deliberation followed on the strategies for managing floods caused by rain runoff and the tools and resources available to local governments to handle the matter. Research work was enhanced with feedback from different types of local governments all over France, as well as consultation of insurers. An awareness guide presenting the result of this work in more detail was released in December 2014 for dissemination at the start of 2015.

**• Propose a collection of practices concerning re-localisation of stakes on the coast:**

A guide on managing marine submersion risk, resting on the diversity of the French coastline, is currently in production.

**• Managing the crisis / Anticipating the return to normal of the territory**

**• Accompanying pilot operations to test and confirm the method of the plan for continuity of activity (PCA) adapted to the territorial authorities and their services:**

In 2014, CEPRI continued to support EP Loire’s joint initiative for producing business continuity plans, taking part in monitoring the production of business continuity plans of the local governments involved and in exercises and in stage meetings.

In the same way, CEPRI is assisting the approach of the Val de Marne prefecture, which is organising a flood crisis management exercise including the large networks and some voluntary local government bodies (General Council of Val de Marne and several communes in the department).

**• Taking part in developing a guide to produce ORSEC flood plans in support of the Ministry of the Interior:**

CEPRI continues its collaboration with the Directorate General for Civil Safety and Crisis Management of the Ministry of the Interior with a view to produce an ORSEC flood guide. In particular, it suggested elements to include and analysed a number of existing documents to identify examples of good practices to illustrate the guide.

**• Identifying the key questions for supporting populations in times of crisis:**

CEPRI is assisting the City of Orléans in its preparation for crisis and post-crisis management (implementation of a civil protection reserve, business continuity, etc.).

CEPRI is also taking part in work and deliberations carried out in Ile-de-France within the framework of

preparation for crisis and post-crisis if the Seine experiences high water levels similar to in 1910.

**• Proposing an overview of surveillance and alert systems:**

A number of actors and experiences concerning the implementation of high water surveillance and flood alert systems have been identified. CEPRI will be able to build on these experiences to later produce a document on the subject intended for local governments in 2015.

**• Improving knowledge**

**• Improving quantification of damages to territories’ stakes:**

Within the framework of a national working group on the multi-criteria analysis (AMC) steered by the General Council for Sustainable Development (CGDD) on behalf of the Directorate General for Risk Prevention of the Ministry of Ecology, in early 2014 CEPRI finalised two reports on the damage caused by flooding

- to housing in river zones,
- to housing in marine submersion zones incorporating the effect of salt.

These damage curves were integrated into the national multi-criteria analysis method which is now recommended within the framework of PAPI files.

**• Producing decision-aiding tools**

**• Contributing to perfecting the multi-criteria analysis methodology:**

CEPRI centred its action in this field on the economy of resilient housing, developing a method to assess efficient and effectiveness of measures to reduce the vulnerability of existing housing. The results of this work should be presented in the form of a report in 2015.



## STRUCTURING a European network

### • Organising a network of good practices between European actors

- *Maintaining and developing partnerships initiated on all CEPRI working subjects:*

Concerned about strengthening its presence on the European level, CEPRI committed itself this year to developing its network, notably by joining “Working Group F”, bringing together institutional representatives of the 28 European Union members and created to ensure the correct implementation of the Flood Directive, in co-ordination with the goals of the Water Framework Directive.

### • Participating in European projects in progress

- *Contributing to the European STARFLOOD project, of which CEPRI is a partner, on the question of governance of flood risk management;*
- *Integrating European projects initiated within the framework of the new period 2014-2020: INTERREG, Life +, Horizon 2020;*

CEPRI is continuing its action within the consortium of the STAR-FLOOD project, which aims to analyse and redesign governance practices in flood risk management in six European countries, providing the link between research results and their users (State services, local governments, private sector, etc.). Regular meetings with research teams also give it the opportunity to contribute its expertise of flood risk management and to benefit, in return, from the latest developments in neighbouring countries.

On the strength of contacts forged with the research universe and local governing bodies of other countries, CEPRI took part in producing new European projects and is continuing its action in this field to be a stakeholder in one or more new INTERREG, H2020 projects, etc., taking over from the European “floodresiliency” project which ended last year. These efforts, conducted alongside the Communauté d’agglomération d’Orléans and the Loiret General Council helped to lay the foundation of 7 new European projects. This

early work should allow CEPRI to present one or two INTERREG projects to European bodies in September 2015, and to benefit, if the projects are accepted, from 50% co-funding on all actions included in the project.

- CEPRI’s participation in different European meetings;
- 16th “Floods Working Group” meeting in Rome on 9th and 10th October 2014. Presentation of CEPRI and its activity to other group members,
  - working group meeting on crisis management and domino effects on 2nd October 2014 organised in Paris within the framework of the European PREDICT (PREparing for Domino effect in Crisis siTuations) project,
  - Franco-Dutch seminar organised by the ambassador of the Netherlands in France on 27th November,
  - conference of the INTERREG Floodcom project on 24th September 2014.

CEPRI is also an associate member of the European FRMCOP project and member of the advisory board of the next Floodrisk conference which will take place in Lyon in 2016.

# The team

## 7 permanent members:

**Stéphanie Bidault** (post held since 1st February 2007)  
Director

**Nicolas Bauduceau** (post held since 16th August 2007)  
Technical and scientific director

**Valérie Griffon** (post held since 22nd November 2010)  
Director’s Assistant

**Julien Jadot** (post held since 17 May 2010) Project Director,  
**Anne Laure Moreau** (post held since 1 October 2008)  
Project Director

**Véronique Mignon** (post held since 17 May 2010)  
Project Director

**Rodolphe Pannier** (post held since 9 March 2009)  
Project Director,

## 1 Individual Continuing Education Leave (CIF):

**Véronique Mignon** (from September 2013 to June 2014)  
Diploma programme

## 1 apprenticeship contract:

**Violette Gallet** (from October 2013 to 30 January 2015)  
Masters in risk management in the territories

## 1 German intern:

**Christin Rinnert** (from November 2013 to 31st January 2014)  
Construction engineering

## 1 departure

**Véronique Mignon** on 31/07/2014

# 2014 FINANCIAL REPORT

The 2014 allocated budget is €666.5 K of income, of which €465 K of activity subsidies for the year 2014, and €146.5 K of contributions.

There are also €630.5 K of charges, including €491 K for salaries and charges, €13 K for outside services, €44 K for publications and €47 K for travel expenses.

In addition to the €666.5 K of income for 2014, there is also an amount carried forward from 2013 of €35 K and a deduction for resources carried forward to the year 2015 of €42 K. Taking these amounts into account, the 2014 activity shows a profit of €29 K.

Member contributions represented €109.5 K and PAPI network memberships €37 K.

**Recapitulative table 2014 (with 2013 and 2012 comparison):**

Income (€k)	2014	2013	2012
Member contributions	109.5	98.5	89
Activity subsidies	465	483	512
Network memberships	37	37	33
Extraordinary income			
Other contributions	18	11	41
Training services	37	18	
<b>Total</b>	<b>666,5</b>	<b>647,5</b>	<b>675</b>

Charges (€k)	2014	2013	2012
Salaries and charges	491	488	484
Outside services	13	50,5	96
Publications, brochures	44	35	35
Rentals	17	16,5	17
Travel expenses	47	34,5	28
Colloquia and seminars	15	3,5	3
Extraordinary charges			
Other	3,5	2	3
<b>Total</b>	<b>630,5</b>	<b>630</b>	<b>666</b>

	2014	2013	2012
Operating result	+ 36	+ 17	+ 9
Current result	+ 37	+ 19	+ 11
Extraordinary result	0	0	0
Carried forward from year N-1	+ 35	+ 29	+ 23,5
Carried forward to year N+1	- 42	- 35	- 29
<b>Surplus or deficit</b>	<b>+ 29</b>	<b>+ 13</b>	<b>+ 5</b>





# Flood management concerns us all



Les collectivités en Europe pour la prévention du risque d'inondation  
 Communities and local authorities in Europe preventing flood risk

