

Annual Report 2013



CEPRI

Centre Européen de
Prévention du Risque d'Inondation



Editorial of the President

2013 was a year of in-depth debate for better understanding of the territories exposed to flooding, while thinking about new governance in the field of management of aquatic environments and flood prevention. This was one of the strategic topics of a new act of decentralization. The National Flood Risk Management Strategy (SNGRI) offered an enthusiastic outlook. While the discussions got off to a good start and the workshops for thinking that accompanied them were genuinely constructive, in hindsight, the results left something to be desired. Perhaps it was a missed opportunity. Indeed, with the appearance of the draft law, the discussions were disturbed. Flood prevention was reduced to the sole issue of protection, and the discussions about the structures involved in prevention were preponderant. In fact, the results of the prevention policy are very mixed on the national level. However, during these months that were agitated by numerous uncertainties regarding the development of an ambitious policy for the management of flood risks, CEPRI continued its progress in in-depth thinking, increasing its actions and publications and by carrying out appraisal assignments with the release of 3 publications on varied and awaited topics (consciousness-raising of populations, land-use planning and return to normal). Far from partisan reactions, CEPRI reaffirmed its credibility with its members and partners, remaining faithful to its role as a relay between the Government and the territorial authorities. In 2013, we also saw an increase in the members of the PAPI network (+ 20%), the increased opening of CEPRI to Europe (Starflood) and new publications released by our organization. These are all factors and tangible actions which illustrate the dynamism of CEPRI and constitute proof of the seriousness of the work carried out over time, in the service of its members and ongoing concern for the public interest in prevention of flood risk. Let's hope that in 2014, with a sudden burst of lucidity of all of the parties involved in prevention and with the sole concern being the public interest, we will all be able to return to following the course set by the Flood Directive.

Marie-France Beauflis,
President of the CEPRI
Senator of Indre-et-Loire
Mayor of Saint-Pierre-des-Corps.



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2013, in a few major events

Participation in the development of the future national strategy for management of flood risks

The catastrophic effects of floods in Europe over the past few decades led the European Commission to adopt the "Flood Directive" in 2007. Since then, France has chosen to manage the implementation of this directive through a "National Strategy for Flood Risk Management", proposed in 2010 by an amendment of Senator Eric Doligé, who was then President of CEPRI. This strategy aims to reduce the costs and to maintain the competitiveness of the territories. With 17 million inhabitants potentially exposed to flood risk, 9 million jobs exposed to the overflowing of rivers and more than 18,000 vulnerable municipalities, the value of the development of a national strategy, bearing an ambitious and coherent policy, constitutes an obvious necessity, which is all the greater given that climate forecasts point to an overall increase in the frequency and the intensity of extreme weather phenomena.

The elaboration of the SNGRI was carried out under the auspices of the mixed flood committee (CMI), a national governance body dedicated to flood risks. Several steps of elaboration led to a text that was relatively consensual. A first project had been started in 2009 with the establishment of a group of experts in which CEPRI took part. In 2011, based on this work of experts, a first draft was proposed in the CMI. At the beginning of 2013, the organization of thematic workshops on the topics identified as being priorities (governance and project management, knowledge of vulnerability, reduction of vulnerability, economy and risks, crisis preparedness) provided inputs for the working draft of the SNGRI. From the end of July to October 2013,

the public consultation was undertaken. Lastly, on December 19, 2013, a final version was approved by the members of the CMI. The national strategy, after consultation of CNE and COPRNM, should be decided by inter-ministerial decree in spring 2014.

This national strategy constitutes an important step for the management of flood risks because with the rationale of commitment of resources and the mobilization of systems from a "toolbox", the national policy is now aiming to change directions in a rationale of goals to be reached. The goals are ambitious and reflect a courageous stand. The elected officials of CEPRI share this ambition with the representatives of the government. Three major priority objectives of the national strategy were defined:

- Increasing the safety of the populations exposed to floods,
- Stabilizing in the short term, and reducing in the medium-term, the cost of damage linked to flooding,
- Sharply decreasing the time for return to normal in the territories affected.

Mobilization on the law of modernization of the local public action

CEPRI is mobilizing for the representatives of national associations of territorial authorities, to speak out on behalf of the territorial authorities for the establishment of the new "management of aquatic environments and prevention of floods" jurisdiction within the framework of the law on the modernization of territorial public action and assertion of metropolitan areas



On October 1, 2013, a meeting was organized in Paris by CEPRI, at the request of the Ministry of the Ecology, with all of the national associations of territorial authorities within the framework of a presentation of the draft national strategy for the management of flood risks. On this occasion, the representatives of the national associations chose to express their critical opinion regarding the contents of the draft law on the modernization of territorial action and on metropolitan areas, and in particular the content of articles 35B to 35E (creating a new “management of aquatic environments and prevention of floods”, competency, commonly called GEMAPI). Within the framework of these first discussions, CEPRI was designated by all of the associations present as the coordinator and author of a “common position”. This document reflected the position of the representatives of the territorial authorities in order to obtain a deferment of the articles involved. An appraisal and the forming of a working group were requested in order to handle in a collegial manner with the Government the issue of the financing of the transfer of attribution, aiming to allow for an appropriation of the new legislative measures in the best conditions.

After several exchanges, a document reflecting the almost unanimous point of view of the national associations involved (AMF, ADF, ACUF, AdCF, ANEL, ANEM, FVM, AMGVE, APVF, Eco Maires, FNCCR, AF-EPTB and CEPRI) was drawn up. In the autumn, a letter accompanying this “common position” was sent to the Prime Minister to express the opinion of the presidents of the signatory national associations. Copies were also sent to the other ministries involved and to the chairman of the committee of laws and the reporter for the draft law at the National Assembly, and lastly to the presidents of the various political groups of each of the Parliamentary assemblies. This approach aimed to propose the construction of an effective law on this topic, built seriously in partnership, rather than the hasty amending of a text with no consultation or evaluation. On January 27, 2014, the law was passed, postponing by several months the implementation of this new jurisdiction and creating territorial sup-

port missions to allow local actors to share in an appraisal before the taking on of this competency.

Entry into Starflood

The dimension of the European development of CEPRI was illustrated this year by CEPRI's entry into the European research project (FP7) called Starflood, as an official partner for the first time. STAR-FLOOD project aims for: “Reinforcing and redesigning European practices for risk management: rethinking the management of flood risk through reinforced modes of governance”. The goal of this project is to analyze the effect of the various modes of governance on the way of evaluating the risk of river flooding in urban areas in Europe and producing elements for improvement that can be used by managers of territories and flood risks. STAR-FLOOD began on October 1, 2012 and will end on March 31, 2016. CEPRI's expertise for France thus joins the analysis of other countries such as Belgium, United Kingdom, the Netherlands, Poland and Sweden.

Starting of the national workshop “Territories in transformation exposed to risks”

CEPRI wanted to take part in this innovative and interesting approach, which is based on several fundamental principles: thinking regarding an overall strategy of advantages of a territory, the organization of workshops on site with elected officials around a strategic project, the use of spatial and cartographic representation as a teaching tool, a project approach aiming to reduce the separation between disciplines, and the mobilization of a “multi-disciplinary” project team. Under the auspices of the Ministry of Equality of Territories and Housing and the Ministry of the Ecology, this approach illustrates new thinking and concrete actions in partnership with the local authorities involved in the territories exposed to risks. Several pilot sites were chosen including St Pierre des Corps.

Active participation at the second national conference on natural risks in Bordeaux

CEPRI's participation in the organization of the second National Conference on natural risks confirms its role of providing a constructive link between the Government and the territorial authorities (its members). Concretely, for this second edition, CEPRI took part in the organization of two plenary roundtables and one workshop:

- Reduction of vulnerability and territorial development: new urban forms,
- The challenges of the flood directive: putting the strategies in synergy to reach the objectives,
- Resilience of territories, how to prepare for the shock.

New releases in 2013

To enrich the collection of publications of CEPRI, new guides and reports have supplemented the numerous works published in previous years:

- A methodological guide “*Method of evaluation and characterization of post-flood waste*” MECaDePI (January 2013),
- A guide “*Raising the awareness of populations exposed to flood risk – Understanding the mechanisms of change of perception and behavior*” (April 2013),
- A guide “*The taking into account of flood risk in Territorial Coherency Schemes*” (August 2013).



Media coverage: the contributions of CEPRI to the issues linked to flood risk with several concrete examples

• France 5: broadcast “C’est dans l’air” on the topic “La France inondable”

May 2013: While France is experiencing a new phenomenon of flooding, particularly in the northeast of the country with several departments placed in orange vigilance level due to risks of flooding, these events remind us once again that flooding is a major catastrophe and that France is a country subject to flooding. “C’EST DANS L’AIR” takes a more general look at the number one natural risk in France. This provided the opportunity to invite CEPRI, among others, to analyze and to seek to understand how 17 million French people live today in areas of potential flooding, in other words one house out of four and one job out of three.

• Environnement magazine - N° 1717 May 2013: “How can we reduce the vulnerability of companies?”

In France, the losses linked to floods are estimated at €500 million for an average year, over 10 years. Despite the high economic stakes for the resiliency of territories, the reduction of the vulnerability of companies to flood risks remains in its infancy. The actions are organized around increasing the awareness of companies, carrying out vulnerability diagnostics and implementing technical and organizational solutions. Mobilizing a territory and increasing the awareness of companies, and implementing measures for the reduction of vulnerability, are three intervention approaches in which CEPRI is involved.

• La Gazette des communes – August 2013: “Management of aquatic environments: steering in troubled waters”

Initially, the creation of the “management of aquatic environments” jurisdiction seemed like major progress: one of the first drafts of the law released at the end of 2012 finally gave the “grand cycle of water” an oversight body. But the version presented to the Senate, in mid-April 2013, tells a completely different story: “It’s not easy to figure out,” says Marie-France Beaufile, President of CEPRI, who wants a clarification of the responsibilities incumbent on Metropolitan areas, municipalities, and inter-municipalities.

• Le Figaro - August 2013: “Storms, floods: an unceasing challenge of weather alerts”

“Crisis management is complicated,” says CEPRI, “because people must understand that they are in danger, and this is not always the case. Asking residents to evacuate, when their feet are not even wet, is not always easy.”

End of the mission of accompaniment of our organization by a communications agency to improve our visibility

Putting online of the new web site and appearance of CEPRI on the social networks + wikipedia page

In order to reinforce the positioning of CEPRI in terms of image and communication, a communications firm was hired at the end of 2011 to work on CEPRI’s communication aspects.

This accompaniment led to a number of concrete actions in 2013:

- An overhaul of the website,
- An English version of the site,
- Presence on the social networks (LinkedIn and Viadeo),
- The creation of the Wikipedia page consistent with the approach of enhancement and increasing overall awareness of the work of CEPRI,
- Optimization of referencing on search engines.

Composition of the Association

Board of Directors of December 31, 2013

- **President**, Mrs. Marie-France Beaufls, AMF, Senator of Indre et Loire
- **Vice-President**, Mr. Gérard Seimville, AF-EPTB
- **Vice-President**, Mrs. Anne d'Aux, City of Orléans
- **Treasurer**, Mr. Daniel Marcovitch, 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, Greater Orléans Val de Loire - Mr. Jean Germain, EP Loire - Mr. Vanik Berberian, AMRF - Mr. Alain Chambard, SyAGE - Mr. Jean Launay, SMPVD, MP of the Lot - Mr. Jean-Claude Buisine, The Somme Bay-Picard Coastline Syndicate 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 Languedoc-Roussillon 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-Autstrebberthe (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), 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 Paris, the city of Quimper, .

Life of the Association in 2013

- 4 board of directors meetings: March 19, June 4, September 5, and November 19.
- 2 executive committee meetings: February 19 and October 22
- 1 general meeting: July 3 followed by an afternoon of exchanges on the topic: **“What emphasis should be given to protection policy in the future national strategy for management of flood risk? How to manage the issue of dikes in a collegial fashion?”**



Functioning of the Association

A team with multiple skills

CEPRI began the year with eight people, including one architecture student with a temporary contract, who carried out the 2013 program of activities: one delegate general, one scientific and technical director, one management assistant and five project officers. In the autumn, one project officer decided on a professional change and took advantage of her right to individual leave for training. A new project officer, with an apprenticeship contract, joined the team in October 2013. At the end of the year, a German intern, specializing in construction engineering, joined the team.

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

New members and a PAPI network in constant development

CEPRI welcomed five new members in 2013: the mixed inter-departmental syndicate of the Valley of the Lèze, the inter-municipal sewerage syndicate the Valley of the Bièvre, the Provence Alpes Côte d'Azur Regional Council, the association of communities of France and the General Council of the Vaucluse. In 2013, CEPRI had 65 members. In parallel, CEPRI is developing a network composed of managers of flood prevention actions plans (PAPI) 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 program 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 officers who face the same issues.

In 2013, CEPRI organized and led 3 days of exchanges, each of which brought together between 20 and 25 participants:

- On January 22, 2013, on the approaches for the reduction of vulnerability of houses to flood,
- On April 16, 2013, on crisis management,
- On October 22, 2013 on increasing the awareness of populations.

The members of the PAPI network were also invited to take part, on July 4, 2013 in Paris, in a day of exchanges and consultation on multi-criteria analysis organized jointly by the Directorate General for Risk Prevention, the General Commissariat for Sustainable Development and CEPRI.

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 government services to take part in this type of exchange. Representatives from the Ministry of the Ecology, the Directorate General for Risk Prevention and the Department of Development, Housing and Nature, of the General Commissariat for Sustainable Deve-

lopment, of the Department of Civil Safety of the Ministry of the Interior, and the Scientific and Technical Center for Construction also made contributions to the discussions, meeting with local technicians and answering their questions.

Starting this year, the members of the PAPI network have access to a reserved space on the web site of CEPRI www.cepri.net where they can download summary reports of these meetings.

This network, composed of 32 members in 2012, received seven additional members in 2013 (an increase of more than 20%).

Participation in many training programs

CEPRI has also been involved in several training programs intended for local authorities and Government services (training of the French High Committee for Civil Defense, training on behalf of the Directorate General for Civil Safety and Crisis Management of the Ministry of the Interior, IRS-TEA/IFORE training on cost-benefit analysis, ENPC training on the national policy for management of flood risk, CIFP training for the reduction of vulnerability of housing, BRGM training with a presentation on the example of New Orleans, IFORE training for the reduction of vulnerability, AgroParis Tech training on dikes, etc.).

Solid international opening

CEPRI's involvement on the European and international stage has been progressively established this year through the participation of our president in the world platform for reduction of the risks of catastrophes organized in Geneva in May 2013, the integration of the Association as a member of the high-level forum on risks led by the OECD, participation in the POPSUE platform (Platform for Obser-



vation of Projects and Urban Strategies – Europe) and by the entry of CEPRI into the European Star-flood project. Other projects such as Flood Probe, FRC or the release of the ILH (international levee handbook) were also followed by CEPRI. This involvement will continue in 2014.

The activity of **the experts' committee**

The experts committee of CEPRI (founded in 2012) is a consultation body whose purpose is to examine the technical and scientific orientations proposed by the organization. Drawing on the knowledge of major specialists in the management of flood risks, it provides solid expertise to guarantee the quality of the thinking of CEPRI. The Committee meets regularly at the invitation of the President of CEPRI or her Delegate General. The Delegate General, working with the Scientific and Technical Director of CEPRI, establishes the agenda and leads the sessions of the Experts Committee. The secretary of the session is a member of the CEPRI team. The CEPRI Experts Committee is currently composed of 10 members.

	Current position
Emmanuel Garnier	Assistant Professor in Modern History at the University of Caen Instructor-Researcher at the CRHQ Invited professor at Cambridge University (Clare Hall College)
Frédéric Grelot	Researcher - Economist at IRSTEA
Karine Weiss	Professor of social and environmental psychology at the University of Nîmes
Jean-Pierre Valette	Architect
Freddy Vinet	Professor of Geography at the University of Montpellier III
Jean-Marc Février	Lawyer Professor of Public Law at the University of Perpignan
Nicolas-Gérard Camphuis	Director of evaluation and planning at the Agency of Water Loire Bretagne
Brigitte Mazière	Member of the General Council of the Environment and Sustainable Development
André Bachoc	Head of the central service of Hydro-meteorology and support for flood predictions (SCHAPI)
Éric Martin	Manager of the fire brigade of the Var, Colonel Eric Martin directs the departmental fire and rescue service

In 2013, CEPRI organized and led 2 days of meetings:

- June 18, 2013 on the examination of the draft of the national strategy for flood risk management.
- October 11, 2013 on "Sandy hurricane, what lessons for France?".

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



Participation at

many events



January

Leading by Alain Chambard, representing CEPRI at the Mixed Flood Committee (CMI), for the development of the national strategy for flood risk management (SNGRI). Participation in workshops on coordination, knowledge, crisis management and financing within the framework of the development of the SNGRI, working meeting of the members of CEPRI on the draft of act III of the Decentralization.

February

Committee of users of the national Observatory of natural risks (ONRN), steering committee of the national conference on natural risks (ANRN), presentation at Trèves (Germany) within the framework of the Interreg Flow-MS project on the reduction of vulnerability.

March

Mixed Flood Committee (CMI), ONRN launching.

April

CODOR of SCHAPI, ANRN steering committee, participation in a "crisis accommodation" working group organized by the General Secretariat of the Zone of Defense and Safety of the Ile de France, day of the AITF on urban planning and flood risk in the mid-Loire.



May

EP Loire research platform in Brussels, CMI, constitutive general meeting of France Dignes world platform for the reduction of risks of catastrophes organized in Geneva.

June

Technical committee of the Plan Seine, conference on dikes in Aix en Provence, expert committee, scientific committee supporting the development of the SLGRI of the Ile de France, PCS exercise of the municipality of Crosne organized by SyAGE.



July

Copil ANRN, AG CEPRI, CMI, Day of exchanges and consultation on multi-criteria analysis organized jointly by DGPR, CGDD and CEPRI, participation on the juries of the Paris la Villette national school of architecture.

September

EP Loire platform, AMC littoral working group, presentation in Exeter (GB) for the ICFR international conference on increasing the awareness of populations in potential flood zones.



October

National association meeting/MEDDE SNGRI, AREAS conference in Rouen, committee of experts, ANRN steering committee, Congress of the ANEL, Val de Tours evacuation exercise, PAPI day on increasing the awareness of populations subject to the risk of flooding, participation in the final restitution of the European project Floodprobe in Aix en Provence, inauguration of the international Levee Handbook in Arles.

November

Launching of national workshop, meeting of mayors, risk workshop, CMI, POPSU seminar in Marseille, France Dignes general meeting, ORSEC flooding working group, AMC littoral working group, "building with water" training program organized by CAUE and CG of the Loiret in Germany, presentation on the adaptation of behavior of populations in areas subject to flooding at a meeting of the AITF in Nantes.



December

ANRN in Bordeaux, monitoring committee for the Rapid Submersion Plan, audition inspection PSR, GIP Aquitaine colloquium, conference on flooding in Montpellier, scientific committee to provide support for the elaboration of the SLGRI Ile de France, presentation for the Idéal Connaissance network within the framework of their training programs/web conferences on the subject of the management of wastes produced by flooding, presentation at the Pollutec trade fair of the guide of the ADEME Integration of wastes in exceptional situations in the PPGD and PPGDND, to which CEPRI contributed.

Activity of the Association

As part of its missions which constitute its commitment to its members and in the general interest, in 2013 CEPRI met many of its objectives.



Axis 1 Representing local authorities nationally

• Mobilizing on the 2013 tools of the Flood Directive

Ensuring that local authorities are involved, among the first rank of stakeholders, in the implementation of the tools of the flood directive (national strategy, cartographies, etc.).

Informing the national associations of territorial authorities and guaranteeing a link with the Government on the implementation of the national strategy and consultation with the stakeholders.

Helping with the understanding of the texts and methods to contribute to greater involvement of the territorial authorities in all of these processes.

Producing elements for understanding of the stakes of the processes in progress and the need for being involved in them, with the national associations of territorial authorities including the AMF and the AFEPTB.

For the implementation of the systems stemming from the Flood Directive, on the local level, CEPRI monitored on the Loire Bretagne and Seine Normandie basins the various meetings, in particular within the framework of the future plans for management of flood risks (PGRI).

A meeting was held on October 1, 2013 with the representatives of the Ministry of the Ecology and

representatives of the national associations of territorial authorities on a presentation of the content of the future national strategy for management of flood risks. In a letter dated October 22, 2013, the President of CEPRI, on behalf of the directors, sent the contribution of CEPRI to the national strategy project following the consultation undertaken by the Government. The CMI of November 20 had as its sole agenda item the finalizing of this strategy and the feedback on all of the contributions. The CMI of December 19 finally approved the SNGRI project.

• 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 authorities, for general policy matters and for the labeling of projects within the CMI.

Actively contributing to thinking about emerging regulatory texts

CEPRI continued to accompany Mr. Chambard (President of SYAGE) – member of the Board of Directors and representative of CEPRI at CMI. The decree of nomination of the members of COPRNM is still being finalized at the Ministry, but CEPRI should receive a place.



Axis 2 Accompanying the local authorities in their local policies

• Supporting the pilot actions locally by authorities looking towards future local prevention strategies

Anticipating the implementation of future local prevention strategies through monitoring of all of the initiatives undertaken in preparation for the events of 2014.

Accompanying pilot projects which help advance the ways of acting, particularly approaches for help with decision-making: cost-benefit analysis (particularly in the PAPI and PSR projects) and national methodology for **multi-criteria analysis**.

On July 4, 2013 in Paris, the members of the PAPI network were invited to take part in a day of exchanges and consultation on multi-criteria analysis organized jointly by the Directorate General for the Prevention of Risks, the Commissariat General for Sustainable Development and CEPRI.

• Promoting exchanges of experiences between operational actors

Promoting **networks for capitalization, sharing, and dissemination of good practices** in terms of flood management. Developing and broadening their audience, with particular attention towards:

• **The local organizations managing PAPI, and their contractual partners.**



In 2013, 39 structures managing or planning to manage a PAPI had joined the network, versus 32 in 2012 and 14 as of summer 2011. In 2013, CEPRI organized and led three days of exchanges, each of which brought together between 20 and 25 participants:

- On January 22, 2013, on approaches for the reduction of vulnerability of houses to flood,
- On April 16, 2013, on crisis management,
- On October 22 on increasing the awareness of populations about flood risk.

• **The territorial authorities** involved in the management of protection structures.

On May 22, CEPRI took part in the general meeting of France Dignes, an association of managers of dikes of which the founding members are the Isère Drac Romanche Departmental Association and SYMADREM, also a member of CEPRI. Both of these associations are planning to have feedback from common experience on the implementation of the decree of 2007 with managers of protection structures. Cross membership between the two organizations was enacted at the last general meeting of France Dignes in November 2013.

CEPRI also continued the dissemination of information E-mails intended for the network of managers of dikes involved, constituted since 2009, on technical and legal news concerning dikes.

• **The regional and general councils** faced with the handling of post-catastrophe waste and issues of planning on a large scale.

Following the constitution by CEPRI in 2012 of a working group of the general and regional councils, we continued in 2013, with the support of the ADEME and the participation of the Robin des Bois association, the work begun on the taking into account of wastes from exceptional situations in the plans for prevention and management of dangerous and non-dangerous wastes. Two meetings were organized in Paris and led to the drafting of a resource document aiming to help the work of the departments and the regions. This work benefited from the dissemination by the ADEME, the Robin des Bois association and CEPRI. A presentation of



the subject and the resource document was given at the “Pollutec” trade fair on December 6.

• **Enriching the resource center in the service of local authorities**

Through **the web site** of CEPRI, the drafting and dissemination of **notes** on the important documents (reports, decrees, circulars) and the production and dissemination of teaching **guides** applied to the issues encountered by the territorial authorities.

In addition to promoting exchanges among operational actors, particularly through the PAPI network, this orientation includes an enrichment of the resource center, done through:

- Work on the structuring of the information concerning floods in Europe, within the framework of the EU network,
- The creation of pages concerning new projects,
- The putting online of the WIKIPEDIA page and the creation of CEPRI accounts on social networks such as Viadeo and LinkedIn,
- The implementation of a “member access” on the web site for members,
- The latest CEPRI publications (on the quantification of the waste potentially produced by floods, on consciousness-raising for populations and on the integration of flood risk in the SCOTs).



Innovating by developing new tools: **adapting to live in an area subject to flooding along rivers and on the coast**

• **Increasing the awareness of populations**

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

Development of a project with the University of Nîmes, BRGM (Bureau de Recherches Géologiques et Minières) and two other European countries, in the continuity of the EDACoPRI project, to analyze the impact of the regulatory systems for increasing the awareness of populations subject to the risk of flooding (DICRIM, public meetings, flood level markers, IAL) and the contribution of new information technologies (internet, applications for smartphones, tablets, etc.) for crisis management, while taking into account climate change and the resulting uncertainty. This project was developed within the framework of the European call for projects: JPI-Climate, but it is to be reconfigured in 2014.

In 2013, CEPRI organized three training sessions for agents of the City of Orléans living in areas subject to flooding.

• **Sustainable planning: management of territories**

- *Principles of development in areas subject to flooding*
In the continuation of the research work undertaken in 2012 on architectural projects taking into



account the risk of flooding in an innovative way in France and in Europe, CEPRI continued its investigations on the issue of urban renewal in areas subject to flooding. It was nourished by a substantial international bibliography, and meetings with professionals (architects, urban planners and researchers) in the field of resilient cities. This work led to a report proposing prospective principles allowing for consideration of the developments of these areas, illustrated by projects carried out or in the process of elaboration.

Within the framework of this project, CEPRI concluded a biennial agreement with the Bordeaux Urban Community in order to provide support to it in its policies for the prevention of risks of flooding (strategies for territorial development, management of dikes, reduction of vulnerability, consciousness-raising and information to the population, insurance, etc.). An assessment of this support was presented to the elected officials at a meeting in September.

CEPRI is also accompanying the City of Orléans in its thinking on the operation for the development of the Val Ouest located in an area subject to flooding.

In parallel with this project, the guide on the taking into account of the risk of flooding in territorial coherency schemes was published in August 2013 and disseminated.

- *Management of urban runoff*

This is a very new subject for CEPRI and the first work carried out involved becoming aware of the issue by assembling a bibliography of existing documents on rain runoff, in a broad fashion.

- *Relocation of properties exposed to coastal flood*

This project was started in autumn 2013 through the gathering of experiences from approaches of relocation of stakes exposed to coastal risks.

- **Anticipating the return to normal of the territory**

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

services. Drafting of the booklet for accompaniment of the PCA methodological guide.

CEPRI, a partner of the EP Loire in the “joint initiative for realization of PCA of the local authorities of the basin of the Loire and its tributaries,” continued in 2013 its methodological accompaniment of the project, through participation in the stage meetings (development of the program, leading, presentation), participation in working meetings with the authorities involved. The first part of this project was completed in September.

- *ORSEC flooding*

CEPRI took part in the work carried out by the Civil Safety Department for the preparation of a guide on the elaboration of an ORSEC “Flood” guide.

- *Evacuation of large cities and metropolitan areas*

CEPRI is preparing a guide on the massive evacuation of populations in the event of floods. This document draws on French, European, and international experience, to provide methodological elements and thinking intended for the parties in charge of planning and implementing massive evacuation operations.

- *Handling of post-catastrophe wastes*

Based on the work carried out over the past two years (feedback from experience, working groups, accompaniments of pilot authorities, research projects, etc.), two guides and a report were published on this topic.

- **Improving knowledge**

- *Damage to public facilities*

The goal is to improve knowledge of the economic impact on a territory of the public facilities impacted by a flood, and to improve their taking into account in the cost-benefit analysis. This work is being done under the leadership of the CGDD. For this, CEPRI had first observed at the end of 2012 that the stakes were not widely studied in the already existing documentation and, when they were, the data was not easy to use. In light of the high diversity and heterogeneity of these stakes, this year CEPRI targeted a dozen major facilities





for which it produced damage curves based on the statements of experts.

- **Damage to housing**

In 2013, CEPRI finalized close to five years of work that had allowed it to develop new damage curves for housing. These were created for freshwater floods but were adapted to the context of coastal flood. They are intended to be used on the national scale within the framework of the cost-benefit analysis made obligatory for the most important PAPI projects. A report on this work will be released in 2014.

Structuring a European network



- **Organizing a network of good practices between European actors**

Our members have already mentioned to us how important this is to them. At its outset, CEPRI focused on structuring on the national level (and the accompaniment of some of our members in their participation in certain European projects). The development of the Association on the European level has become a reality over the past few months, and is constantly progressing.

- **Participating in European projects in progress**

CEPRI is carefully following the elaboration of the continuation of the European project Flood Resilient City (FRC) which ended in 2012 and took part in the preparation for projects involving the same actors and following on from the FRC. We are also involved in drafting these projects which will be submitted in 2014.

CEPRI is also monitoring the progress with the FLOW-MS project (Flood Low Water -Mosel and Sarre; Management of floods and low water levels in the catchment area of the Moselle and the Sarre), all the more so because an Interreg project was finished at the end of 2013. A meeting with the project partners and the parties involved such as the University of Kaiserslautern took place in

February at the premises of the International Commissions for the Protection of the Moselle and the Sarre (CIPMS) which coordinate and manage the project. CEPRI expressed its interest in joining in the continuation of this project.

CEPRI, called on by the Universities of Tours and Utrecht, also joined in the European project STAR-FLOOD, an acronym used for "Reinforcing and redesigning European practices for risk management: rethinking the management of flood risks through reinforced modes of governance." The goal of this project is to analyze the impact of the various modes of governance on the way of evaluating the risk of river flooding in urban areas in Europe (6 countries are taking part: France, the Netherlands, United Kingdom, Belgium, Sweden and Poland) and to produce elements for improvements that can be used by the managers of the territory and flood risk. STAR-FLOOD began on October 1, 2012 and will end on March 31, 2016. CEPRI is involved in the distribution of the information produced by the project that could interest its members and the parties involved in the management of flood risks domestically. We distributed the 1st newsletter and the second newsletter of this project.

The team

7 permanent members

- Stéphanie Bidault** (in position since February 1, 2007)
Delegate General
- Nicolas Bauduceau** (in position since August 16, 2007)
Technical and Scientific Director
- Valérie Griffon** (in position since November 22, 2010)
Managing Assistant
- Julien Jadot** (in position since May 17, 2010)
Project officer
- Anne Laure Moreau** (in position since October 1, 2008)
Project officer
- Véronique Mignon** (in position since May 17, 2010)
Project officer
- Rodolphe Pannier** (in position since March 9, 2009)
Project officer

1 temporary contract

- Paola Zarate** (former intern from 2012 extended by Temporary contract from January to March 2013), Architect

1 Individual Continuing Education Leave (CIF)

- Véronique Mignon** (from September 2013 to June 2014), Diploma program

1 apprenticeship contract

- Violette Gallet** (since October 2013)
Master degree in risk management in territories

1 internship

- Christin Rinnert** (German intern as of November 2013 for a period of 3 months), Construction engineering

Summary of 2013 financial report

The 2013 budget includes 647 K€ in income, of which 483 K€ of operating subsidies for the year 2013, and 136 K€ in dues.

There are also 630 K€ of charges, including 488 K€ for salaries and charges, 50.5 K€ for outside services, 35 K€ for publications and 34.5 K€ for travel expenses.

In addition to the 647 K€ of income for 2013, there is also an amount carried forward from 2012 of 29.2 K€ and a deduction for resources carried forward to the year 2014 of 35 K€. Taking these amounts into account, the 2013 activity shows a profit of 13 K€.

Member dues represented 98.5 K€ and PAPI network memberships 37.5 K€.

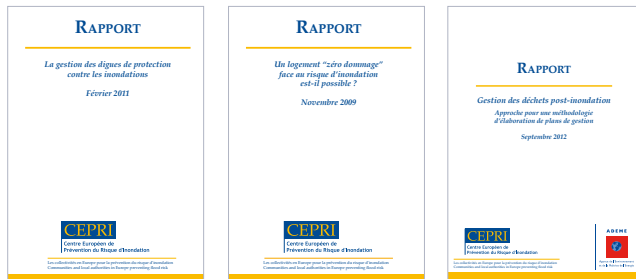
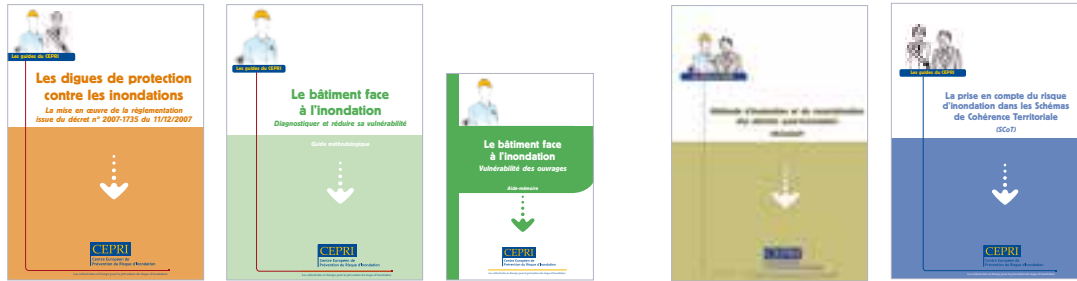
Recapitulative table 2013 (with 2012 and 2011 comparison):

Income (k€)	2013	2012	2011
Member dues	98.5	89	57
Activity subsidies	483	512	614
Network memberships	37	33	12
Extraordinary income			
Other contributions	29	41	3
Total	647.5	675	686

Charges (k€)	2013	2012	2011
Salaries and charges	488	484	496
Outside services	50.5	96	30
Publications, brochures	35	35	63
Rentals	16.5	17	18
Travel expenses	34.5	28	31
Colloquia and seminars	3.5	3	
Extraordinary charges			
Other	2	3	5
Total	630	666	643

	2013	2012	2011
Operating result	+17	+ 9	+ 42
Current result	+19	+ 11	+ 43
Extraordinary result	0	0	- 37
Carried forward from year N-1	+29	+ 23.5	+ 20
Carried forward to year N+1	-35	- 29	- 23.5
Surplus or deficit	+13	+5	+ 2





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