



2019

ANNUAL
REPORT





EDITORIAL OF THE PRESIDENT

Mr Noël Faucher,

President of CEPRI
Mayor of Noirmoutier-en-L'Île
President of the community of communes
of the island of Noirmoutier

Over time and thanks to an extraordinarily competent multi-disciplinary team, CEPRI has acquired unrivalled expertise when it comes to the matter of risk.

This recognition of the association's qualities is reflected in very dense activity, which I sensed as a member and which I have experienced and can attest to in my capacity as president of the European Centre for Flood Risk Prevention (CEPRI).

The wealth of CEPRI is undeniably its ability to understand risk management aspects, from theoretical and forward-looking reflection to practical advice given to the technicians of local authorities and unions, not forgetting the organisation of study trips to analyse public policies and leading the committee of multi-disciplinary experts which meets regularly under the guidance of the association's director.

In great demand throughout France, CEPRI teams organised and took part in no less than 100 meetings in 2019 and organised seven training sessions for the technicians and elected representatives of the local authorities and unions that are members of the association.

Known and acclaimed for its skills, CEPRI plays an essential role in the public policies deployed on the matter of flood risk. A recognised partner of the French government, it is also the voice of its members, to accompany the State in the best possible way in its endeavour to build public policies that are adapted to the actual situations encountered by local players.

Since its creation by a group of visionary actors, CEPRI has measured the path travelled by France on all of these issues. CEPRI teams and members also know how important it is to remain active and to make this knowledge and know-how grow, as the challenges before us are particularly numerous.

This ability to always look forward led, this year, to the associations making the choice to assess risk policy in its economic dimension, to measure the economic impact of territorial development policies, in keeping with the obligations enforced upon local authorities in terms of natural risks, and particularly flood risks.

Lastly, through this report, we can also measure the European dimension of CEPRI, which is gaining strength, with an increasingly dense network of partners; this is also proof of European recognition of the association's expertise concerning every aspect of risk issues.

I hope you enjoy reading this report, which will strengthen the commitment of all members of the association and which will encourage many other local authorities to join CEPRI so that we can combine our strengths, expertise and experience in order to better protect our populations from these natural phenomena, which carry major risk and which are going to get worse.

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SUMMARY



2019

KEY EVENTS



A new training session proposed on the subject of **runoff and personalised training** on the gemapi jurisdiction for the Gulf of Lion natural marine park

Participation, on 25 and 26 march, in Montpellier, in the **national conference on natural hazards** “adapting territories for a resilient society”



Monitoring of the territorial workshops of Auxerre and Épinal “making water a resource for development”, coordinated by the Directorate-general for planning, housing and nature of the Ministry of ecological and solidarity transition



Organisation of **a trip of elected representatives to the netherlands** from 3 to 5 april

Integration of CEPRI in the life artisan project coordinated by the OFB, on the subject of nature-based solutions

Active participation in the national PAPI audit conducted by the general inspectors of CGEDD and IGA

STRUCTURE

OF THE ASSOCIATION

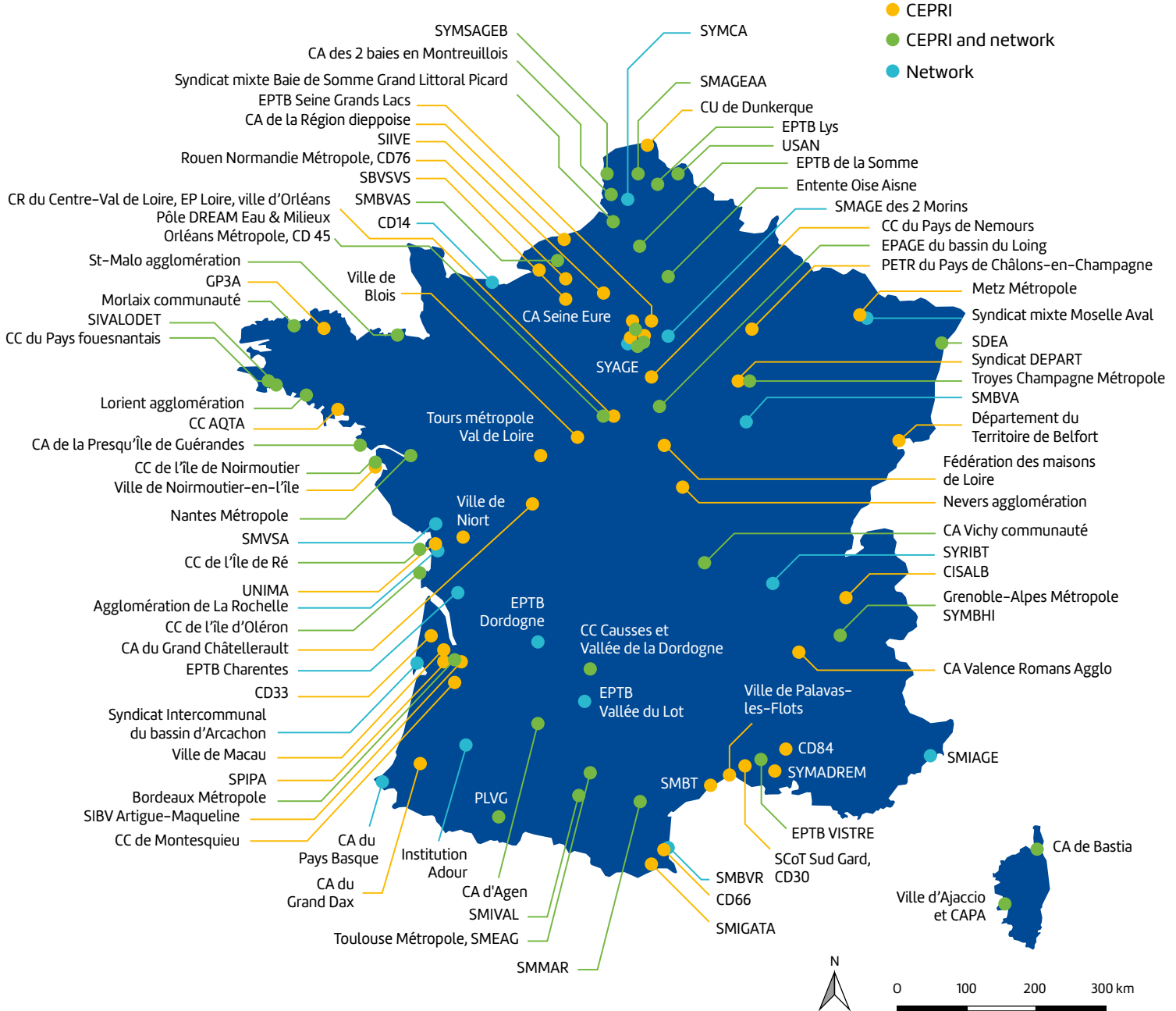
THE BOARD OF DIRECTORS ON 31 DECEMBER 2019

- **President:** Mr Noël Faucher, city of Noirmoutier-en-l'Île.
- **Vice-President:** Ms Marie-France Beaufile, AMF, honorary senator.
- **Vice-President:** Mr Gérard Malbo, Loiret County Council.
- **Treasurer:** Mr Alain Chambard, SyAGE.
- **Secretary-General:** Ms Stéphanie Anton, city of Orléans.
- **Directors:** Christian Braux – Orléans Métropole, Daniel Benquet – ADCF, Michel Cortinovis – SMBVAS, Daniel Fréchet – EP Loire, Stéphane Haussoulier – Syndicat mixte de la baie de Somme Grand littoral picard, Valérie Lacroute – EPAGE du bassin du Loing, Jean-Louis Léonard – UNIMA, Gérard Seimille – EPTB Oise Aisne.

OTHER MEMBERS

- A** Agglomeration of Nevers, Assembly of French Departments (ADF), French association of the Council of European municipalities and regions (AFCCRE), French Association for Natural Disaster Prevention (AFPCN), Association of French Regional Engineers;
- B** Bordeaux Metropolitan Authority;
- C** Inter-Trade Union Committee for Sanitation of Bourget Lake (CISALB), Urban Community of Grand Châtellerauld, Urban Community of Grand Dax, Urban Community of Agen, Urban Community of Bastia, Urban Community of the Guérande-Atlantic peninsula, Urban Community of the Region of Dieppe, Urban Community of Deux Baies en Montreuillois, Urban Community of Pays Ajaccien, Urban Community of Seine-Eure, Urban Community of Valence Romans Agglo, Urban Community of Vichy, Auray Quiberon Terre-Atlantique Combined District Council (CCAQTA), Ile de Noirmoutier Combined District Council, Ile de Ré Combined District Council, Ile d'Oléron Combined District Council, Montesquieu Combined District Council, Causses & Vallée de la Dordogne Combined District Council (CAUVALDOR), Pays de Nemours Combined District Council, Pays Fouesnantais Combined District Council, Urban Community of Dunkirk, Gironde County Council, Seine-Maritime County Council, Vaucluse County Council, Pyrénées-Orientales County Council, Gard County Council, Val-de-Marne County Council, Centre-Val de Loire Regional Council;
- D** Departement of Territoire de Belfort;
- E** Orly Rungis-Seine Amont Public Development Association (EPA ORSA), EPTB Lys (SYMSAGEL), EPTB Seine Grands Lacs, EPTB Somme (AMEVA), EPTB Vistre;
- F** Federation of Loire housing in the Centre Region, National Federation of licensing and governing authorities (FNCCR), National Federation of the open-air hotel industry (FNHPA), France Dignes;
- G** Grenoble-Alpes Metropolitan Authority (La METRO), Guingamp Paimpol Armor-Argoat Agglomeration (GP3A);
- L** Lorient Agglomeration ;
- M** Rouen Normandy Metropolitan Authority – La CREA, Metz Metropolitan Authority, Morlaix community, Natural Hazards Mission (MRN);
- N** Nantes Metropolitan Authority;
- O** Order of expert surveyors;
- P** Pole of Territorial and Rural Balance of the Pays de Châlons-en-Champagne, Pole of Territorial and Rural Balance of Pays de Lourdes & Vallées des Gaves, DREAM Eau & Milieux Division;

MAP OF MEMBERS



NATIONAL ASSOCIATION MEMBERS

Assemblée des communes de France (ADCF)
 Assemblée des départements de France (ADF)
 Association des ingénieurs territoriaux de France (AITF)
 Association des maires de France (AMF)
 AFPCN
 AFCCRE
 FNHPA
 FNCCR
 France Dignes
 Ordre des géomètres experts (OGE)
 Mission risques naturels (MRN)
 Villes de France

CEPRI ÎLE-DE-FRANCE MEMBERS

CD94
 Ville de Gennevilliers
 SIAVB
 Établissement Public d'Aménagement Orly Rungis – Seine Amont (EPA-ORSA)

CEPRI MEMBERS AND PAPI-SLGRI ÎLE-DE-FRANCE NETWORK

Ville de Paris
 SIVOA

PAPI-SLGRI ÎLE-DE-FRANCE NETWORK MEMBER

SIAHVV



- S** Saint-Malo agglomeration, Alsace-Moselle Water and Sanitation Association (SDEA), Joint Association of the Bièvre watershed (SIAVB), Joint Association of the Artigue-Maqueline watersheds (SIBV Artigue-Maqueline), Inter-county and interdepartmental Association of the Epte valley (SIIVE), SIVALODET, Joint Association of the upstream Orge valley (SIVOA), Joint Association for the development and management of Aa waters (SmageAa), Joint Association for the study of the Garonne (SMEAG), Joint Association for management and development Tech-Albères (SMIGATA), Inter-departmental Joint Association of the Leze valley (SMIVAL), Joint Association of aquatic zones and rivers (SMMAR), Association for flood protection of the Ambès peninsula (SPIPA), Joint interregional Association for the development of the dykes of the Rhone delta and the sea (SYMADREM), Isère hydraulic basin mixed syndicate (SYMBHI), Joint Association for planning and management of Boulogne waters (SYMSAGEB), Association for the study, programming and planning of the region of Troyes - DEPART association, Joint Association of the Saane Vienne Scie Watersheds (SBVSVS), Joint Association of the Thau basin (SMBT), Joint Association of South Gard SCoT, Joint Association of upstream Moselle;
- T** Toulouse Metropolitan Authority, Tours Métropole Val de Loire, Troyes Champagne Metropolitan Authority;
- U** Trade Union of Hydraulic Development of the North of France (USAN);
- V** City of Ajaccio, City of Blois, City of Gennevilliers, City of Macau, City of Niort, City of Palavas les Flots, City of Paris, Villes de France.

LIFE OF THE ASSOCIATION IN 2019

> 3 BOARD OF DIRECTOR MEETINGS

12 February, 15 May, 8 October.

> 3 MANAGEMENT COMMITTEE MEETINGS

12 March, 12 June, 6 November.

> 1 GENERAL MEETING

3 July followed by an event on the subject
“Reform of the system for compensating victims of natural disasters and abilities of the Barnier fund to lead an ambitious prevention policy for the coming years”.



THE WORK OF THE COMMITTEE OF EXPERTS

CEPRI's Committee of Experts (established in 2012) is an advisory body that examines the technical and scientific strategies proposed by the organisation. Based on the multi-disciplinary skills of its members, it provides confirmed expertise aimed at upholding the high quality of CEPRI's discussions. The Committee of Experts meets two to three times a year to discuss subjects approved by the Board of Directors. The session is overseen by the CEPRI team. The CEPRI Committee of Experts currently has 11 members.

André Bachoc, Head of the Central Service of Hydro-meteorology and support for Flood Forecasting (SCHAPI).

Jean-Marc Février, Lawyer, Professor of Public Law at the University of Perpignan.

Emmanuel Garnier, Lecturer in Modern History at the University of Caen, Lecturer-Researcher at the CRHQ, Visiting Professor at the University of Cambridge (Clare Hall College).

David Goutx, deputy regional director for the environment, planning and housing in the Pays de la Loire region.

Frédéric Grelot, Researcher-Economist at IRSTEA.

Éric Daniel-Lacombe, Architect.

Julien Langumier, Doctor of Ethnology, Head of DDTM 13.

Bruno Ledoux, Consultant in the field of flood risk prevention.

Magali Reghezza, Lecturer at École normale supérieure.

Serge Tisseron, Psychiatrist, Doctor of Psychology, founder of the Institute for History and Memory of Catastrophes (IHMeC).

Freddy Vinet, Professor of Geography at the University of Montpellier III.

IN 2019, CEPRI ORGANISED AND HOSTED 1-DAY EVENT

"What is the future of the natural disaster compensation regime?"

21 June

THE TEAM

> 4 PERMANENT MEMBERS

- **Stéphanie Bidault**
(in office since 1 February 2007), Director
- **Valérie Griffon**
(in office since 22 November 2010),
Executive Assistant
- **Anne-Laure Moreau** (in office since
1st October 2008), Project Manager
- **Rodolphe Pannier** (in office since 9 March
2009), Project Manager

> 1 ARRIVAL

Maxime Pantarotto,
12 November 2019, Project
Manager, Environmental Econo-
mist.

> 1 CIFRE PHD STUDENT

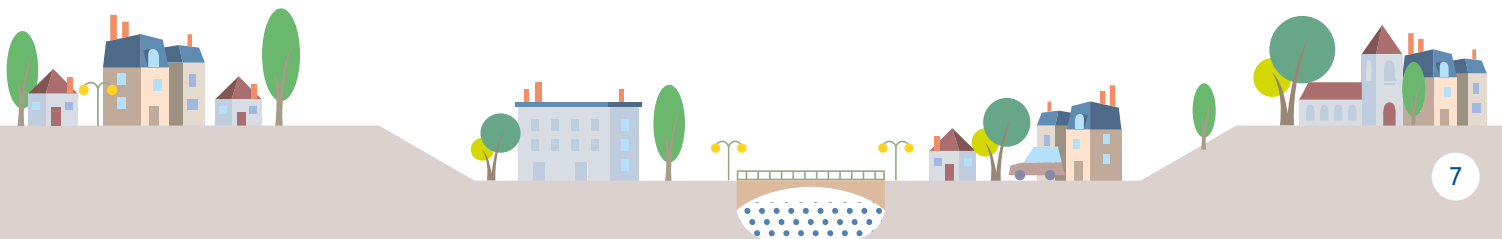
Solène Leray, PhD student, 3-year fixed-term
contract from 08/01/2018 to 07/01/2021.

> 3 DEPARTURES

Thibaud Langer, 20 September 2019,
Gloria Sara Lazaro Climent, 30 September 2019,
Margaux Knispel, 15 November 2019.

> 1 INTERNSHIP

Observation internship:
Thibaut Sauvage from 11 to 15 March 2019.



2019 EVENTS

JANUARY

- 10/** National Conference on Natural Hazards Steering Committee in Paris
- 15/** AFPCN Board of Directors meeting in Paris
- 16/** Debriefing Working Group in Paris
- 17/** Speech at CEREMA's technical event "GEMAPI tools" in Aix-en-Provence
- 22/** Meeting of the Local Authorities and Parliamentarians section of the French water partnership in Paris / MAPUCE conference in Paris / 15th Géorisque event, resilience and adaptation to natural disasters in Montpellier
- 25/** GPATIC Working Group in Paris
- 29/** DG ECHO Infodays event in Brussels

FEBRUARY

- 4/** PAPI workshop of Vals de l'Orléanais in Sandillon
- 5/** Seine Plan committee in Paris / Participation in CEREMA's event on "Risks and territories" in Nancy / ORSIL Working Group in Orléans
- 6/** "Prevention" Debriefing Working Group in Paris
- 7/** Technical day on "Flood Risk" PCS Val-de-Marne
- 8/** PAPI workshop of Vals de l'Orléanais in Sandillon
- 12/** CEPRI Board of Directors meeting and AFPCN management committee meeting in Paris
- 13, 14/** National Conference on Natural Hazards Working Group and CEPRI's presentation to the National Assembly in Paris
- 14/** Meeting of the monitoring group "Nature-based solutions" at UICN France in Paris
- 21/** "Territorial project" seminar organised by EPT Grand Orly Seine Bièvre in Paris
- 28, 29/** Feedback seminar of the territorial workshops "Making water a resource for planning" in Épinal

MARCH

- 1st/** ORSIL Working Group in Orléans
- 5/** Meeting on the hydraulic structures' decree at MTES in Paris
- 6, 7/** Monitoring committee of the H2020 Anywhere project in Madrid
- 7, 8/** REBOND H2020 meeting in Madrid
- 8/** FNHPA meeting in Paris
- 12/** AFPCN/IMdR Working Group "Networks" in Paris / CEPRI management committee meeting and participation in the National Water Conference in Paris
- 13/** PAPI/SLGRI network day "Strategies to reduce the flood risk in SLGRIs and PAPIs: content of areas 6 and 7, multi-criteria analysis, etc." in Paris
- 13, 14/** European conference on risk perception at Cergy-Pontoise university
- 14/** PFE General Meeting and AMC Working Group in Paris
- 19, 21/** Cap'Alert conference in Avignon
- 20/** FNHPA conference in Paris / 2019 Dignes Conference – 3rd national conference on maritime and river dykes to protect against floods in Aix-en-Provence
- 25, 26/** National Conference on Natural Hazards "Adapting territories for a resilient society" in Montpellier
- 26 to 28/** Meeting of the "Flood" working group in Lisbon
- 29/** ORSIL Working Group in Orléans / GEMAPI Conference in Paris

APRIL

- 2/** General meeting of France Dignes in Paris / CEPRI training on "Reducing vulnerability" in Paris / Speech at the Technicités conference in Paris
- 3/** Participation in DGSCGC training in Lognes / Workshop of national territories in Auxerre
- 3 to 5/** Trip of elected representatives to the Netherlands
- 9/** SCHAPI CODOST meeting in Paris

- 10/** ORSIL Working Group in Orléans / LIFE Information Day in Paris
- 11/** CMI Water Conference in Paris / 2019 global platform meeting to reduce natural disasters in Paris
- 18/** PFE Board of Directors meeting in Paris
- 25/** Meetings with CEREMA and AdCF in Paris / BE-GOOD co-construction workshop in Orléans
- 29/** CEPRI presentation to the Senate in Paris

MAY

- 7/** Feedback of PAPI workshops of Vals de l'Orléanais in Sandillon
- 15/** "Prevention" Debriefing Working Group in Paris / CEPRI Board of Directors meeting in Paris
- 16/** PAPI/SLGRI network day "Managing floods by runoff" in Paris
- 20/** ORSIL Working Group in Orléans
- 21/** CEPRI training "Flood risk essentials" in Paris
- 22/** AFPCN/IMdR "Networks" Working Group in Paris / National territorial workshops in Auxerre
- 27/** Participation in meetings with elected representatives from Bourgogne-Franche-Comté on flood prevention in Chalon-sur-Saône
- 27 to 29/** ECCA 2019 in Lisbon
- 28/** "Ile-de-France metropolis" awareness committee meeting in Paris

JUNE

- 4/** Speech at the ASTEE congress in Fontevraud
- 5/** Participation in the meeting of the Planning, housing, mobility committee at France Urbaine, Assembly of French Communes and FNAU in Paris
- 6/** COPRNM in Paris
- 12/** CEPRI management committee meeting and Working Group on coastal risks in Paris / ORSIL Working Group in Orléans



13/ CEPRI training on “Integration of flood risk into urban planning and documents and planning” in Paris

17/ AMC Working Group “Environmental economics seminar” in Paris

18/ National monitoring committee of the territorial workshop and ANRN Steering Committee in Paris / Webconference of the Ideal network on the consideration of flood risks in PLUs(i) in Paris

18 to 20/ Meeting to prepare for the REBOND project in Barcelona

19/ Meeting with the general inspectors in charge of the PAPI audit / 30 years of the ADCF in Paris

20/ AFPCN General Meeting in Paris

21/ Committee of experts “What is the future of the natural disaster compensation regime?” in Paris

24/ PFE Board of Directors meeting in Paris

26, 27/ National SCoT meetings (stand) in Metz

27/ High council on climate in Paris

JULY

2/ PAPI/SLGRI network day “State of progress of DI implementation, prospects and consequences for the territories, the SLGRI and action plans” in Paris

3/ CEPRI general meeting in Paris

4/ Joint Flood Commission and meeting with the deputy Mr Buchou on coastal risks in Paris / ORSIL widened steering committee in Orléans

9, 10/ Interreg France-England in London

17/ UNDRR meeting in Brussels

SEPTEMBER

17/ Participation in the AMIF Morning in Paris

18/ Training of DGSCGC in Lognes / Presentation to the “Défis cartes blanches: amélioration de la résilience

des quartiers face au risque inondation”, DDT Oise in Jouy-le-Moutier / PFE Board of Directors meeting in Paris

19/ Seine Plan committee meeting, update of the PGRI in Paris / Meeting with the general inspectors of the PAPI Audit in Paris

20/ Participation in the conference of the Joint Association of the Saône Vienne Scie watersheds in Ouville-la-Rivière

24/ CEPRI training on “Integration of flood risk into planning operations and operational urban planning” in Paris

27/ Dream Division day: “Rainwater in the city: so that every drop counts!” in Orléans

OCTOBER

1st/ DRIEE seminar on the culture of flood risk in Paris

2/ CEREMA steering committee meeting in Paris

3/ Joint Flood Commission in Paris

8/ Day to raise flood risk awareness in health care establishments in Orléans / CEPRI Board of Directors meeting in Paris / Feedback seminar of the territorial workshops “Making water a resource for planning” in Auxerre

9/ Monitoring committee of the “Changing territories exposed to risk” planning prize in Paris / PAPI/SLGRI network day on “Reducing habitat vulnerability: what link could there be with other public policies (energy renovation, improvement of housing, etc.)?” in Paris

14/ Seine Plan committee, update of the PGRI in Paris

15/ CEPRI training on “Runoff risk” in Paris

17/ ADF congress in Bourges

18/ Meeting on the implementation of the PPRi decree at MTES in Paris

16, 18/ Meeting of the “Flood” working group in Helsinki (Finland)

31/ I4CE/climate change conference in Paris / Speech by Noël Faucher at the 30th convention of the AdCF in Nice

NOVEMBER

6/ CEPRI management committee meeting and City of Paris meeting on eco-renovation in Paris

7/ CEPRI training on “From the GEMAPI jurisdiction to global flood risk management” in Paris

14/ Seine Plan committee in Paris

13, 14/ Training days on the GEMAPI jurisdiction of Gulf of Lion Natural Marine Park in Argelès-sur-Mer

19/ “Build, rebuild and renovate taking climate risks into account” day organised by Envirobat Grand Est and AQC in Troyes

21, 22/ SHF meeting “The coast and climate change – adaptation of coasts, ports and estuaries to climate change” in Champs-sur-Marne

27, 28/ Participation in the “Submersion Alert” exercise in Aytré

29/ Information meeting on the Saint-Vincent-de-Paul refuge school in Bordeaux

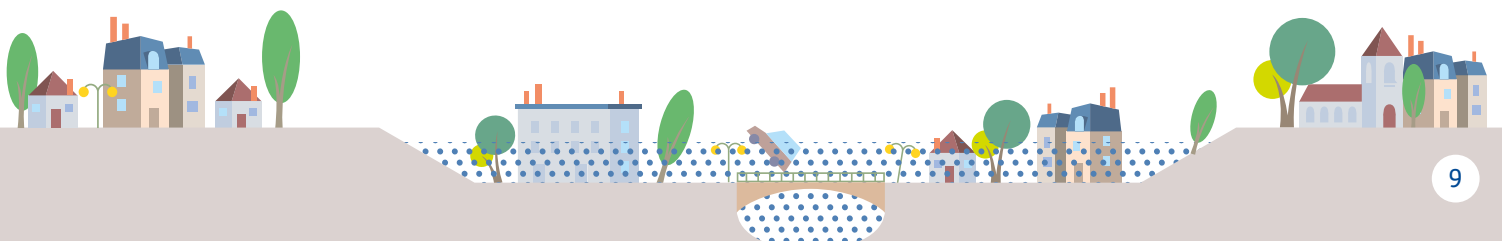
DECEMBER

3/ Joint Flood Commission in Paris

5/ State/CT meeting in Millau

10/ Territorial resilience and innovation day, “Human factors of territorial resilience: individual preparation and social cohesion” in Paris / “Resilient planning, reduction of vulnerability to flood risk” seminar in Paris

19/ Information and exchange day “Floods: territorial planning as a lever faced with climate issues” by France Nature Environnement in Orléans



ACTIVITIES IN 2019

The 2019 activity programme focused on five areas:

- ▶ **REPRESENTING** local authorities at national level, alongside other associations;
- ▶ **INNOVATING AND DEVELOPING** new tools for local authorities;
- ▶ **SUPPORTING** local authorities in their projects to implement local policies;
- ▶ **STRUCTURING** a European network;
- ▶ **PROPOSING** a training catalogue on flood risk management, utilising the expertise of a network of experts to establish CEPRI's scientific and technical strategies and forming an increasingly dense network of European partnerships.

REPRESENTING LOCAL AUTHORITIES AT NATIONAL LEVEL

TAKING PART IN NATIONAL DISCUSSIONS ON THE DEVELOPMENT OF PUBLIC POLICIES

CEPRI actively took part in the **National Conference on Natural Hazards** (25 and 26 March), by creating and hosting a workshop with the ANEB and holding a stand for two days to provide information about the association's missions.

CEPRI took part in **discussions with the minister of Ecological and Solidarity Transition**, François de Rugy, at a breakfast on 18 March on the subject of the GEMAPI jurisdiction.

CEPRI was **heard by members of a study group at the National Assembly on the subject of insurance** on 13 February and by the Senate fact-finding mission on the management of climate risk and the evolution of our compensation systems, at the Senate building on 29 April.

CEPRI took part:

- in work meetings of the "Prevention" Debriefing Working Group hosted by CGEDD and CEREMA; in meetings with ministry officials on the implementation of the PPR decree and in the working group on nature-based solutions within the framework of the National Conference on Water;
- in SCHAPI's CODOST meeting on 9 April 2019.

CEPRI took part in **discussions on coastal risks** by organising a meeting with its members, on 12 June, and by meeting the politician Stéphane Buchou in charge of writing a parliamentary report on this subject (4 July).

Lastly, CEPRI actively took part in the **PAPI Audit** conducted by the general inspectors by contacting its members for their opinions via a general questionnaire on the PAPI procedure, by analysing all answers and by sharing its analyses with the general inspectors, thus taking part in ensuring that the voice of local authorities is heard.

The president of CEPRI, Noël Faucher, attended the 30th Convention of the AdCF on 31 October in Nice, by taking part in a workshop called "Urban planning, risks and climate change". It was the opportunity to share our work on this subject with representatives of the intercommunal bodies.

TAKING ACTION CONCERNING 2019 FLOOD RISK MANAGEMENT TOOLS

CEPRI took part in two working meetings organised by the DGPR.

- The first concerned implementation of the **PPR decree** (accompanying memo) and CEPRI put forward several improvement suggestions. It wrote a summary note presenting the content of this decree the day after it was published, addressed to all of its members and published an explanation of this regulatory text in Techni Cités.
- The second concerned the **regulation of flood prevention structures** within the framework of the GEMAPI jurisdiction (decree). CEPRI sent the DGPR (MTES) a certain number of comments concerning the draft order amending the order of 7 April, specifying the plan for the study of the dangers of dykes organised in dyke systems and other structures designed or developed to prevent floods and submersions.





CEPRI made a **written contribution to the approach “Let’s plan our territories together”** launched by the ministry for territorial cohesion and relations with public authorities. This consultation should lead to the writing of three simplification orders, resulting from the ELAN law (concerning the evolution of housing, planning and digital technology). CEPRI made improvement proposals on the following topics: hierarchy of standards and modernisation of SCoT. This contribution is available from the technical team.

CEPRI accompanied and monitored **two territorial workshops in Épinal and Auxerre** on the subject “Making water a resource for development”. They have enabled a territorial project to emerge and encouraged players to come together around development and governance strategies making it possible to better reconcile different water uses.

PROVIDING EXPERTISE TO THE JOINT FLOOD COMMISSION (CMI) AND TO THE ADVISORY BOARD FOR THE PREVENTION OF MAJOR NATURAL HAZARDS (COPRNM)

CEPRI provided support to representatives of our association at Joint Flood Commission meetings (11 April, 4 July, 3 October and 3 December) and COPRNM (6 June) meetings.

INNOVATING BY DEVELOPING NEW TOOLS: ADAPTATIONS FOR LIVING IN FLOOD ZONES ALONG RIVERS AND COASTLINES

DEEPENING OUR KNOWLEDGE

Supporting the roll-out of the multi-criteria analysis methodology (AMC).

→ CEPRI took part in the Working Group meetings organised by the CGDD and wrote and distributed to its members a new guide entitled the AMC (multi-criteria analysis), decision-making support for flood management, in September 2019.

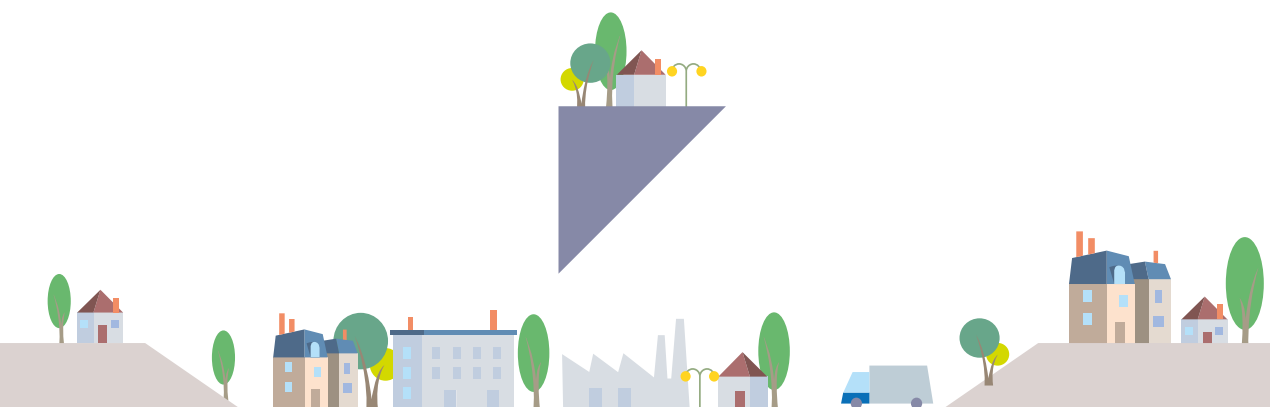
Capitalising on all knowledge on runoff risk and taking part in steps initiated to manage it (working groups, project support, etc.).

CEPRI made a speech on floods caused by runoff at an event to raise awareness of elected representatives in Bourgogne-Franche-Comté to flood risk, organised by the DREAL Bourgogne-Franche-Comté. It also organised a PAPI/SLGRI network exchange day and a training session on this topic. It monitors all progress on this subject to benefit its members.

In 2019, it also created and hosted a new training module on this subject, which brought together 10 participants.

Writing a document summarising all available databases and how public authorities can use them in order to answer different issues in connection with flood risk management.

In 2019, CEPRI began work on compiling existing databases available to local authorities to allow them to make a diagnostic of their territory. This work should finish in 2020.





RAISING AWARENESS AND PARTICIPATING IN THE ENCOURAGEMENT OF APPROPRIATE BEHAVIOUR AMONGST THE POPULATION

To share results and recommendations made within the framework of initial work to assess regulatory tools used for preventive information (EDRRIS), CEPRI took part in several exchange days: **15th Georisque meeting in Montpellier** dedicated to resilience and adaptation to natural disasters, with communication on “Reflections on regulatory systems to raise public awareness: what impacts and influences do they have on the adaptation of behaviour to flood risk”, DRIEE awareness committee, SLGRI Ile de France metropolis and seminar of the DRIEE on the flood risk culture in Paris.

Continuing with considerations undertaken in favour of wider sharing of knowledge, CEPRI is currently working on creating an overview to draw up a nationwide inventory of awareness-raising steps taken outside the regulatory framework. This inventory will make it possible to collect and link the different actions carried out and to report on the context, the players, objectives and impacts of these new approaches dedicated to “risk culture”.

SUSTAINABLE PLANNING WHILE ADAPTING REGIONS TO CLIMATE CHANGE AND BUILDING THE TERRITORIES OF TOMORROW THAT ARE ROBUST AND ADAPTED TO THE FLOOD RISK

Work on experimental approaches combining flood risk vulnerability reduction measures and energy renovation measures.

The purpose of this approach is to allow energy renovation actors to seize the opportunity of a request for work to reduce the energy bill, to propose measures and/or work to individuals that also respond to the reduction of vulnerability to flood risk, at minimum cost.

Initial work on suburban housing showed that coupling vulnerability reduction work with the improvement of a building’s energy performance could be an avenue to explore in a context where public funding is increasingly rare.

At the end of 2018, CEPRI had the opportunity to present its reflections to engineering firms and energy consultants from the Energétis network of the Centre-Val de Loire Region during two meetings, as well as at the General Meeting of the Envirobat Centre association.

As the approach was very favourably received by these actors, CEPRI formed a working group with the voluntary structures (engineering firms, Envirobat, ADIL, CAUE 45, Alec 37, National Union of Architects), which met twice, in April and October 2019. Documents to facilitate understanding of flood risks and vulnerability reduction measures for building professionals are being finalised.

ACCOMPANYING LOCAL AUTHORITIES TO TAKE CHARGE OF URBAN RENEWAL OPERATIONS IN ORDER TO REDUCE THE VULNERABILITY OF THE REGIONS.

CEPRI accompanied several territories in their thinking on the integration of the different flood risks in their territorial planning policies:

- **Bordeaux Metropolitan Authority** (study concerning refuge areas in the Ambès peninsula, including Saint-Vincent-de-Paul school and Ambès gymnasium, actions and public information and awareness-raising tools, etc.),
- **Nantes Metropolitan Authority** (support within the framework of implementing the metropolitan PLU among the instructing departments),
- **Grenoble Alpes Metropolitan Authority** (GEMAPI, PPRi Drac, content of the OAP “risks and resilience” in the PLUi, development principles in flood areas, examples on the adaptation of the doctrine concerning the precautionary strip behind dykes, etc.),
- **Orléans Metropolitan Authority** (support during workshops on the PAPI of Vals de l’Orléanais),
- **Combined District Council of Causses and Vallée de la Dordogne – Cauvaldor** (regulation concerning hydraulic installations, OAP Dordogne, examples of integration of flood risks in the PLU/PLUi approved or being developed, PPR, management of rainwater and runoff, flood markers, local flood alert system, reduction of vulnerability, etc.),
- **Le Havre Seine Metropolitan Authority** (writing of the coastal PPR, integration of flood risk in territorial planning policies).



Launching a basis for reflection to enable the deployment of nature-based solutions and with multiple benefits within the framework of development projects further integrating water and the associated flood risks (concept of multi-functionality of developments).

CEPRI brought together a certain number of available resources on the subject to define the concept of nature-based solutions.

It took part in the working groups of the French committee of the International Union for the Conservation of Nature (IUCN), of the French water partnership, of which it became a member of the board of directors in 2019, and the working group that met within the framework of the National conference on water

As part of its application to the European LIFE ARTISAN project, CEPRI proposed to write a guide of good practices on the subject. This project was selected at the end of 2019 and will be coordinated by the French Office of Biodiversity (OFB).

Accompanying local authorities to write their urban planning documents so that they further incorporate flood risk.

CEPRI finalised the guide on the consideration of flood risk in the PLUs(i), which was published in March 2019. This work compiles a large number of examples of communal and intercommunal PLUs in the metropolitan area, dealing with problems of flooding due to slow and fast overflows of watercourses, marine submersion and runoff.

Its purpose is to raise awareness amongst elected representatives and their partners and encourage them to consider the different types of flood risk in their PLU(i) and to illustrate current practices. It puts forward recommendations to better integrate flood risks into local planning.

In 2019, CEPRI hosted two training modules: integration of flood risk into urban planning documents and planning, and integration of flood risk into planning operations and operational urban planning.

CEPRI participated in:

- the meeting of the urban planning, housing and mobility committee at France Urbaine, the AdCF and the FNAU in Paris (05/06), to present the guide on integrating flood risk into the PLUs/PLUi,
- the Webconference of the Ideal network to present the guide on the PLUs/PLUi (18/06),
- the information and exchange day “Floods: territorial planning as a lever faced with climate issues” by France Nature Environnement in Orléans (19/12).

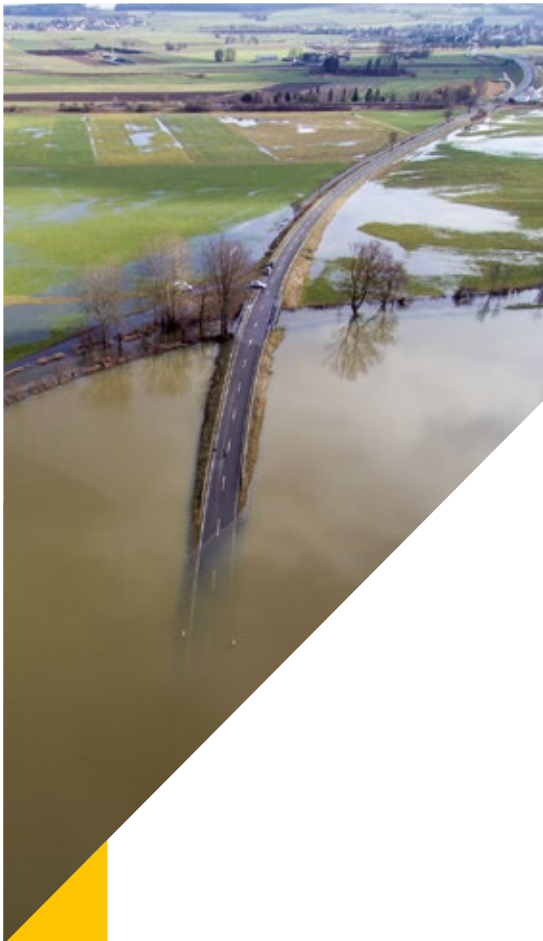
CEPRI also took part in:

- the “Territorial project” seminar organised by EPT Grand Orly Seine Bièvre in Cachan (21/02)
- CEREMA’s “Risks and territories” day in Nancy (05/02),
- in the National SCoT Meetings in Metz (stand) (26–27/06), in the DREAM Division day on “Rainwater in the city: so that every drop counts!” in Orléans (27/09),
- the “Build, rebuild and renovate taking climate risks into account” day organised by Envirobat Grand Est and AQC at Projet SBM in Troyes (19/11).



MANAGING CRISES / ANTICIPATING THE RETURN TO NORMAL CONDITIONS

Concerning this work topic, in 2019 CEPRI produced a guide for mayors on the management of a flood crisis and the post-disaster recovery phase (currently being developed for distribution in the first half of 2020), regularly took part in work to overhaul the Loiret ORSIL (ORSEC Loire) plan, took part at an event to raise awareness of flood risk in health care establishments in Loiret, took part as leader/observer in a “marine submersions” crisis management exercise in the agglomeration of La Rochelle and participated in Working Group F to present the “Civil security communal pool” system to foreign partners.



ORGANISING ACQUISITION OF THE GEMAPI JURISDICTION

Since coming into effect on 01/01/2018, GEMAPI has continued to prompt many questions among CEPRI members and the national PAPI/SLGRI network. CEPRI has provided answers on the content of the GEMAPI jurisdiction, in particular the flood prevention element: changes in the regulation concerning dyke systems and hydraulic installations, link with crisis management, territorial development policies (publication of the decree on PPRs in July 2019), specific case of coastal structures, intervention procedures on private land, etc.

CEPRI took part in several events in connection with this subject:

- participation in the meeting on the regulation of flood prevention structures (decree) organised by the MTES,
- hosting, with ANEB, of a workshop on “Development synergies, flood prevention and management of aquatic environments”, with support from CEREMA and AFPCN, at the National conference on natural hazards, which took place in Montpellier on 25 and 26 March 2019,
- organisation of a new training course on the GEMAPI jurisdiction “From GEMAPI jurisdiction to global flood risk management”, making it possible to apprehend the GEMAPI jurisdiction in the environment of flood risk prevention policy,
- participation, as associate member of the France Dignes association, in the general meeting of the association in Paris (02/04) during which the additional actions conducted by both structures were recalled,
- speech at CEREMA’s technical event “GEMAPI tools” on 17 January in Aix-en-Provence,
- hosting a training day on the GEMAPI jurisdiction in partnership with the Gulf of Lion Natural Marine Park in Argelès-sur-Mer (14/11),
- participation in the 2019 Local water management event in Rennes (30-31/01),
- presentation of two posters on dykes at the 3rd national conference on maritime and river dykes to protect against floods on 20 March in Aix-en-Provence: “The multi-purpose dyke: an alternative to integrate flood risk into urban planning” and “Flood prevention: protection or adaptation?”.



SUPPORTING LOCAL AUTHORITIES IN THEIR LOCAL POLICIES

SUPPORTING LOCAL PILOT ACTIONS CARRIED OUT BY COMMUNITIES WITHIN THE CONTEXT OF LOCAL RISK MANAGEMENT STRATEGIES AND FLOOD PREVENTION ACTION PROGRAMMES

PROMOTING THE SHARING OF EXPERIENCES BETWEEN OPERATIONAL ACTORS

At the end of 2019, the PAPI/SLGRI network had 58 member communities.

This year, CEPRI organised and hosted four exchange days:

- 13 March on the subject “Strategies to reduce the flood risk in SLGRIs and PAPIs: content of areas 6 and 7, multi-criteria analysis, etc.” (28 participants),
- 16 May on the subject “Managing flood through runoff” (31 participants),
- 2 July on the subject “State of progress of DI implementation, prospects and consequences for the territories, the SLGRIs and action plans” (18 participants),
- 9 October on the subject “Reducing habitat vulnerability: what link could there be with other public policies (energy renovation, improvement of habitat, etc.)?” (32 participants).

CEPRI contributed to the PAPI audit conducted by the CGEDD by drafting a questionnaire for members of the PAPI/SLGRI network, analysing the answers and presenting the summary to inspectors.

ENRICHING THE RESOURCE CENTRE OPEN TO LOCAL AUTHORITIES

In 2019, CEPRI finalised and distributed two guides:



→ The AMC (multi-criteria analysis), a flood management decision support tool.

→ Consideration of flood risk in communal and intercommunal local town plans;



CEPRI distributed two “Europe” newsletters to its members, mainly concerning European news (May and September).



STRUCTURING A EUROPEAN NETWORK

ORGANISING A NETWORK OF GOOD PRACTICES AMONGST EUROPEAN PARTICIPANTS

From 3 to 5 April 2019, CEPRI organised a study trip to the Netherlands. This trip, organised for the elected representatives of member communities, brought together 21 participants (elected representatives and technicians), including six Dutch speakers.

The purpose of the trip was to offer better knowledge of the flood risk management policy in the Netherlands, by discovering different types of innovative urban developments on several sites with different flood issues: Rotterdam, Dordrecht and Nijmegen. The interest was to show how this country, known for its protection policy, is also taking hold of the matter of territorial development to transform constraints linked to floods into opportunities. The results of this trip were presented at CEPRI's general meeting in July and a summary was written and sent to all CEPRI members (available from the CEPRI technical team). An article was also published on CEPRI's website.

In 2019, CEPRI contacted the UNDRR (United Nations Office for Disaster Risk Reduction) to raise awareness, among others, of the "Making Cities Resilient" campaign among French actors.

With this in mind, the UNDRR and CEPRI are thinking about new opportunities for collaboration. For instance, it could be envisaged to raise the awareness of CEPRI teams concerning the global agenda, the Sendai action framework and related elements (Training of Trainers). Within this context, in 2019, after a meeting on 17 July in Brussels, the UNDRR and CEPRI took part collectively in setting up a workshop within the framework of the international IDRiM event (organised by AFPCN from 15 to 16 October in Nice in 2019), on the topic "Actions and strategies to build resilient cities in the face of climate change". During this session, testimonials were heard from the City of Paris, a representative of the city of Amadora (Portugal), the UNDRR and Professor Reimund Schwarze (Germany).

CEPRI became Support Centre for the Covenant of Mayors in 2019. The Covenant of Mayors was started in 2008 by the European Commission to support and reinforce the efforts made by territories in Europe committed to the implementation of sustainable energy and climate policies. It groups together towns and cities of all sizes which voluntarily commit to implement EU targets for adaptation to climate change. The aim is to mobilise and help members of the Covenant of Mayors and local authorities to reach the targets of the Covenant of Mayors. It is the opportunity to spread awareness of our actions and publications on a large scale.

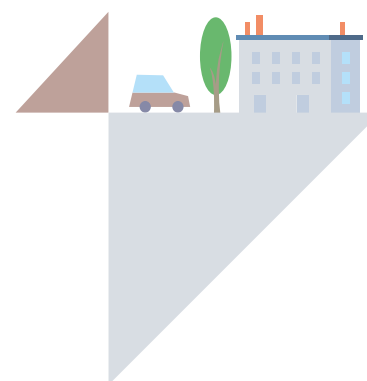
PARTICIPATING IN ONGOING EUROPEAN PROJECTS

In 2019, CEPRI joined the Life Artisan project as a partner. It also took part in the preparation of the H2020 REBOND project (not selected by the European Commission for 2019) and in that of a project within the framework of the Interreg France (Channel) England programme.

MONITORING THE WORK OF THE EUROPEAN INSTITUTIONS ON THE FLOOD DIRECTIVE AND ON CIVIL SECURITY ISSUES

In 2019, CEPRI took part in two Working Group F meetings in Lisbon and Helsinki as well as in monitoring meetings of the H2020 ANYWHERE project.

CEPRI contributed to the consultation on the elaboration of the French strategy for water and sanitation at the international level of the CICID (Inter-ministerial committee for international cooperation and development) organised by the ministry for Europe and Foreign Affairs.



OFFERING TRAINING ADAPTED TO THE NEEDS OF LOCAL AUTHORITIES

CEPRI organised several training sessions:

- 2 April on reducing vulnerability,
- 21 May on the essentials of flood risk,
- 13 June on the integration of flood risk into urban planning documents and planning,
- 24 June on integration of flood risk into planning operations and operational urban planning,
- 15 October on runoff (New in 2019),
- 7 November on "From the GEMAPI jurisdiction to global flood risk management" (updated 2019),
- 14 November on the GEMAPI jurisdiction for the Gulf of Lion Natural Marine Park in Argelès-sur-Mer.



2019 FINANCIAL REPORT

The 2019 budget was closed **€1.5K in surplus**, of which €372.5K in business grants, €182K in contributions and €32.7K in services, mainly training services.

Expenses amounted to €590.6K, including €455K for salaries and charges (€469K minus €14K of transfer of charges corresponding to the reimbursement of part of the remuneration of the CIFRE PhD student), €20K for external services, €31K for publishing, €23K for travel expenses and €21.5K for hospitality expenses.

Nothing was carried forward from 2018 to 2019.

2019 activities recorded a surplus of €1.5K.

Members' contributions totalled €131.5K and PAPI-SLGRI network memberships €50.7K

2019 SUMMARY TABLE (with 2018 and 2017 comparison)

Income (€K)	2019	2018	2017
Members' contributions	131,5	131	128,5
Business grants	372,5	382	402,5
Network membership	50,7	51	49,2
Exceptional income			
Transfer of charges	14	14	0
Training services	32,7	30	29,4
TOTAL	601,5	608	609,6

Expenses (€K)	2019	2018	2017
Salaries and charges	469	526	483,3
External services	20	21	18
Publications, brochures	31	18	45,4
Rentals	21	20,5	31
Travel expenses	23	25,5	34
Conferences and seminars	2	1	1
Hospitality expenses	21,5	31,5	
Exceptional expenses			
Miscellaneous	3	3	3
TOTAL	590,6	646,5	615,7

	2019	2018	2017
Operating profit	+ 10,8	- 38	- 6
Current result	+ 11,7	- 37	- 4,7
Extraordinary result	0	0	0
Carried forward from year N-1		+ 29	+ 35
Carried forward to year N +1	+ 10		- 29
SURPLUS OR DEFICIT (€K)	+ 1,5	- 8,4	+ 1



