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**ACCORD EUROPEEN ET MEDITERRANEEN  
SUR LES RISQUES MAJEURS  
(EUR-OPA)**

**EUROPEAN AND MEDITERRANEAN  
MAJOR HAZARDS AGREEMENT  
(EUR-OPA)**

*RESEAU DES CENTRES EURO-MEDITERRANEENS SPECIALISES DE  
L'ACCORD EUR-OPA RISQUES MAJEURS*

**PROGRAMMES COORDONNES PROPOSES PAR LES CENTRES  
POUR 2007**

*NETWORK OF SPECIALISED EURO-MEDITERRANEAN CENTRES OF THE EUR-OPA MAJOR  
HAZARDS AGREEMENT*

**COORDINATED PROGRAMMES PROPOSED BY CENTRES FOR  
2007**



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# **EDUCATION SCOLAIRE / SCHOOL EDUCATION**

**THE PRINCIPLES OF ORGANIZATION OF RISK CULTURE TRAINING IN SECONDARY SCHOOLS WITHIN THE FRAMEWORK OF EDUCATION REFORMS BEING CONDUCTED IN AZERBAIJAN REPUBLIC (ECMHT, European Centre on Training and Information of Local and Regional Authorities and Population in the Field of Natural and Technological Disasters, Baku)**

**SECTORIAL CORRESPONDENCE :**           **Education**

**TARGET COUNTRIES:**

**LOCAL COORDINATOR:**   **ECMHT**

**OTHER PARTICIPANTS :**

**Specialized Centres :** *AFEM (Ankara), CETICA (Draguignan), ECNTRM, ECRP, GHDD (Tbilissi), TESEC (Kiev), ECMNR*

**OBJECTIVE OF THE PROJECT**

***Global objectives***

To work out the appropriate recommendations and to discuss principles of organization of system training of protection knowledge in secondary schools since first grade together with the alphabet according to age groups of children.

***Specific objectives***

To organize and held a scientific-practical conference on "The principles of organization of risk culture training in secondary schools within the framework of education reforms being conducted in Azerbaijan Republic "

**RESULTS OBTAINED PREVIOUSLY**

The Baku Training-Information Center has cooperated with The Ministry of Education of Azerbaijan Republic since 1999 in the field of organization of risk culture training, studying and using the experience of member-countries in this sphere. Together with the Ministry, the Center within the last period has conducted several measures: seminar-workshops, scientific-practical conferences, organized "Round table" discussions with participation of scientists and specialists regarding this matter. At present large-scale reforms of education are being carried out in secondary schools of our Republic and the Center takes an active part in this important process. Thus, with this aim the representative of the Center has been involved into the working group, organized by the Ministry of Education, as an adviser on the matters of risk culture training.

**EXPECTED RESULTS IN 2007**

To use the experience of member-countries of EUR-OPA Major Hazards Agreement, especially France, Bulgaria and Turkey in the field of improvement of protection knowledge training.

**BE-SAFE-NET 2007 – HYDRO-GEOMORPHOLOGICAL RISK (CERG, European Centre on Geomorphological Hazards, Strasbourg)**

**SECTORIAL CORRESPONDENCE:** Education

**TARGET COUNTRIES:** Several Euro-Mediterranean and Eastern countries

**LOCAL COORDINATORS:** Prof. Olivier Maquaire & Dr. Jean-Philippe Malet

**OTHER PARTICIPANTS:**

**SPECIALIZED CENTRES:** BE-SAFE-NET (Nicosia, Cyprus); ECGS (Walferdange, Luxembourg)

**OBJECTIVE OF THE PROJECT**

***Global objectives***

A collaborative work of the CERG members in 2006 has been the preparation of attractive, up-to-date and education-oriented materials for the hydro-geomorphological hazard and risk section of the Be-Safe-Net web-portal. This work is partly connected to the specific research activity of CERG for years 2006-2007 'Implementation of didactic materials on geomorphological hazards' in order to synthesize all the education and training material produced by CERG members since more than 10 years.

***Specific objectives for 2007***

In 2007, the collaborative work of the CERG members will continue in order to prepare attractive, up-to-date and education-oriented materials for the hydro-geomorphological hazard and risk section of the Be-Safe-Net web-portal. This work will partly be connected to the specific research activity of CERG for years 2006-2007 'Implementation of didactic materials on geomorphological hazards' in order to synthesize all the education and training material produced by CERG members since more than 10 years. Collaborations with other APO Specialized Centres working in the field of hydro-geomorphological hazard (ECGS) are envisaged. Thus this activity necessitates the support of the coordinated programme of the network of APO Specialized Centres.

**RESULTS OBTAINED PREVIOUSLY**

A meeting of some CERG members and the APO and Be-Safe-Net Members has been organized on 22 and 23 June 2006 at the Human Rights Palace of Strasbourg. CERG members from France, Germany and Italy have attended the meeting. The participants have exchanged information, listed their potential didactic material, and discussed about the structure of the Be-Safe-Net webportal (it was remembered by APO that the website 'clients' are teachers from Secondary Schools willing to present some pedagogical material to their students. In consequence, the words and concepts used in the http pages have to be adapted to this public). It has been decided to modify slightly the structure of the Website: i) Add a 'Prevention section' between the 'Information & Education' section and the 'Protect Yourself' section. ii) Skip the 'Gallery' and 'Games' section.

**EXPECTED RESULTS IN 2007**

CERG members experienced in the preparation of didactic materials (from France, Germany, Italy, Portugal, Spain and The Netherlands) or who can provide specific education material will be contacted. They will have the responsibility of preparing the requested material for the 'Landslide' section of the English version of the WebPortal, as well as for floods, snow avalanches and soil erosion. The skeleton of the section will be adapted to the characteristics of these hazards.

**ASSOCIATED ACTIVITIES IN 2007**

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**PREPARATION OF CD-ROM AND MANUALS FOR CHILDREN IN GEORGIAN LANGUAGE: HOW TO MEET STRONG EARTHQUAKE AND OTHER DISASTERS (GHHD, Geodynamical Hazards of High dams Tbilisi)**

**SECTORIAL CORRESPONDENCE : Education**

**DURATION : 2007– 2008**

**TARGET COUNTRIES : Georgia**

**LOCAL COORDINATOR: Prof. T. Chelidze**

**OTHER PARTICIPANTS :**

**SPECIALIZED CENTRES : CSLT (Sofia, Bulgaria)**

**COUNTRIES AUTHORITIES : Ministry of Education and Science of Georgia, Ministry of Environment Protection of Georgia, Ministry of Internal Affairs of Georgia**

**OBJECTIVE OF THE PROJECT**

***Global objectives***

Caucasus is part of so called Alpine-Himalayan belt and its seismicity could be characterized as moderate, this means that strong earthquakes occur within quite a large period of time up to several thousands of years. Population of Georgia is not so well prepared to meet not only strong but even moderate earthquakes and often this causes panic and commotion. Additional educational material is required, especially among the children. The aim of this project is to create in accordance with ISDR and Council of Europe programs CD and manuals with simple animation and illustration of the nature of earthquake and seismic hazard and risk as well as other hazards in Georgia, which will be easily understandable for children of school level and will provide them with the knowledge of how to act before, during and after the disaster.

***Specific objectives for 2007***

Compilation of CD, posters and manuals with simple animations and illustrations on how to act before, during and after the disaster

**EXPECTED RESULTS IN 2007**

CD and manuals for children

**ASSOCIATED ACTIVITIES IN 2007**

Kick-off meeting of participants in Tbilisi

*date: 20 April*

**PRODUCTION OF INTERACTIVE EDUCATIONAL MEDIA TO TEACH 6-11 YEAR -  
OLDS ABOUT THE EURO-MEDITERRANEAN COASTAL ENVIRONMENT (ICoD,  
Euro-Mediterranean Centre on Insular Coastal Dynamics, Gozo)**

**SECTORIAL CORRESPONDENCE : Education  
DURATION : 2006 – 2008**

**TARGET COUNTRIES : International  
LOCAL COORDINATOR: Dr. Anton Micallef, ICoD  
OTHER PARTICIPANTS :  
SPECIALIZED CENTRES :  
COUNTRIES AUTHORITIES :**

**OBJECTIVE OF THE PROJECT**

***Global objectives***

Development of age-appropriate interactive modules/media products on aspects of the Euro-Mediterranean coastal environment, having a special emphasis on raising awareness of coast related hazards.

***Specific objectives for 2007***

Further to pilot project on Sammy Sand Grain (printed in French, English, Spanish, Turkish and Maltese), it is proposed to translate and publish the second in this series of publications, namely that of Peter Pebble into further languages (e.g. French, Spanish and Turkish).

During this year, a third booklet in the series will be conceived, introducing among other, issues concerning potentially dangerous currents and hazardous litter encountered with the beach / coastal environment.

**EXPECTED RESULTS IN 2007**

Translating and printing of Peter Pebble booklet in several languages.  
Production of third booklet in series.

**ASSOCIATED ACTIVITIES IN 2007**

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**EDUCATION UNIVERSITAIRE / UNIVERSITY EDUCATION**

**JOURNEES LUXEMBOURGEOISES DE GEODYNAMIQUE (ECGS, Centre Europeen de Geodynamique et de Seismologie, Walferdange)**

**CORRESPONDENCE SECTORIELLE:** Education  
**DUREE :** 3 jours

**PAYS CIBLES :** tous les pays de l'accord  
**COORDINATEUR LOCAL:** ECGS  
**AUTRES PARTICIPANTS :**

*Autorities Nationales: Ministère de la Culture, de l'Enseignement Supérieur et de la Recherche du Grand-Duché de Luxembourg*

**OBJECTIF DU PROJET**

***Objectifs globaux***

L'ECGS poursuit un but d'éducation au niveau européen en organisant les Journées Luxembourgeoises de Géodynamique. Ces réunions multidisciplinaires existent depuis plus de 30 ans et connaîtront en 2007 leur 94<sup>ième</sup> édition! Les réunions annuelles des Journées Luxembourgeoises de Géodynamique (JLG) ont pour objectif de favoriser la rencontre de chercheurs européens dans le domaine de la géodynamique, qui est l'étude de la réponse de la Terre aux forces internes ou externes qui la sollicitent. Cette rencontre leur permet d'échanger leurs idées sur les recherches en cours et de définir des programmes communs. Ces JLG sont donc fondamentalement différentes des réunions scientifiques internationales classiques par leur pluridisciplinarité, leur caractère informel et le contenu et la longueur des exposés qui dépasse souvent une heure.

**RESULTATS ATTENDUS EN 2007**

Organisation des 94<sup>ième</sup> Journées Luxembourgeoises de Géodynamique en novembre 2007. Compte tenu du changement de personnel et de direction au sein de l'ECGS en 2006, le programme des 94<sup>ième</sup> JLG n'est pas encore fixé. L'organisation débutera très prochainement. Le programme pourra être consulté sur le site [www.ecgs.lu](http://www.ecgs.lu).

**ACTIVITES ASSOCIEES EN 2007**

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## WORKSHOP DE L'ECGS (ECGS, Centre Europeen de Geodynamique et de Seismologie, Walferdange)

**CORRESPONDENCE SECTORIELLE :** Education

**DUREE :** 3 jours

**PAYS CIBLES :** tous les pays de l'accord

**COORDINATEUR LOCAL:** ECGS

**AUTRES PARTICIPANTS :**

**Autorités Nationales:** Ministère de la Culture, de l'Enseignement Supérieur et de la Recherche du Grand-Duché de Luxembourg

### **OBJECTIF DU PROJET**

#### **Objectifs globaux**

Traditionnellement l'ECGS organise ses activités d'éducation appelées « Workshop » qui réunissent des spécialistes autour d'un thème scientifique proche des préoccupations de l'Accord EUR-APO Risques Majeurs. Ils sont consacrés aux problèmes les plus divers posés en géodynamique et en séismologie et constituent un forum où les participants exposent leurs difficultés et cherchent, en commun, à explorer les voies nouvelles. Pour assurer la valeur scientifique des communications, nous recherchons le patronage des Unions Scientifiques Internationales à travers leurs Commissions spécialisées. Les actes de ces réunions sont publiés dans les « Cahiers du Centre Européens de Géodynamique et de Séismologie ». A ce jour 26 cahiers ont été publiés. Ces cahiers et la publication des « Proceedings » doivent être considérés comme une contribution de niveau universitaire troisième cycle au programme FORM-OSE.

### **RESULTATS ATTENDUS EN 2007**

Le Conseil Scientifique de l'ECGS sélectionne le thème du Workshop et le propose au Conseil d'Administration qui encadre et soutient son organisation. La réunion du Conseil Scientifique de l'ECGS se tient traditionnellement au début décembre de chaque année. En 2006, cette réunion n'a pas pu avoir lieu en raison de certains changements au niveau du personnel de l'ECGS, du Conseil d'Administration de l'ECGS ainsi que dans la direction de la fondation. Il est maintenant prévu que le Conseil Scientifique se réunisse durant le mois de février 2007 et propose le thème du Workshop qui sera alors organisé fin 2007. C'est pour cette raison que cette proposition pour les programmes coordonnés 2007 est soumise.

### **ACTIVITES ASSOCIEES EN 2007**

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## **MASTER «RISQUES ET COLLECTIVITES » : MODULE PATRIMOINE CULTUREL ET RISQUES (CUEBC, Centro Universitario Europeo Per I Beni Culturali, Ravello)**

**CORRESPONDENCE SECTORIELLE : Education, Prevention, Aide à la décision**

**DUREE : 32 h ( 1 module) en 2007 – 2008**

**PAYS CIBLES :** Pays de l'U. E. ; pays de l'est ; si possible, nouveaux états indépendants (Asie centrale), pays du sud de la Méditerranée, pays latino-américain (liste non-limitative)

**COORDINATEUR LOCAL:** Prof. Ferruccio Ferrigni, Prof. Max Schvoerer

**AUTRES PARTICIPANTS :**

**Autorités Nationales:** France : Ministère de l'Enseignement Supérieur, de l'Intérieur, des Armées; Italie : Ministère de l'Enseignement Supérieur.

**Autres:** Ec. Ing. Cergy Pontoise (Dr. Didier Raciné), Réseau-PACT-FER (Dr. Jean-Pierre Massué), Ec. Nati. Administration, Strasbourg (N), ICCROM-Rome (M. Mounir Bouchenaki), Univ. Bordeaux 3 - CNRS - Inst. de recherche sur les archéomatériaux (Dr. Pierre Guibert)

### **OBJECTIF DU PROJET**

#### **Objectifs globaux**

1) Compléter sur le thème du patrimoine culturel, la formation de spécialistes de la protection civile de haut-niveau susceptibles de devenir à leur tour des formateurs dans leurs pays respectifs.

2) Actualiser les connaissances de professionnels du patrimoine culturel dans le secteur de la prévention contre les risques majeurs naturels ou liés à l'activité humaine.

#### **Objectifs spécifiques pour 2007**

Mise en place du module de 32h et évaluation de son impact dans le cursus des stagiaires.

Préparation d'un ou plusieurs autres modules qui concerneraient des secteurs particuliers du patrimoine culturel (exemples: Patrimoine culturel et a/ risques-côtiers, b/ conflits armés, c/ changement climatique, d/ risques sismiques, e/ risques environnementaux).

### **RESULTATS OBTENUS ANTERIEUREMENT**

Le CUEBC (Ravello), le réseau européen PACT-FER, l'Ec. Ing. de Cergy Pontoise ont ensemble ou séparément déjà organisé plusieurs dizaines de modules de formation de ce type dans le secteur de la science du risque ou dans d'autres secteurs spécifiques du patrimoine culturel.

### **RESULTATS ATTENDUS EN 2007**

Formation des stagiaires à la prévention contre les risques et à l'aide à la décision des pouvoirs publics, à l'aide des connaissances actuelles et des outils de communication les plus modernes.

### **ACTIVITES ASSOCIEES EN 2007**

Existence à Cergy Pontoise d'un cursus complet (mastère) sur le thème science du risque et collectivités territoriales  
*date: année universitaire 2006 – 2007*

Existence à l'Univ.de Bordeaux 3, d'un cursus complet (Master recherche et Master professionnel) sur le thème matériaux du patrimoine culturel.  
*date: année universitaire 2006 – 2007*

Existence au CUEBC (Ravello) de modules spécialisés sur les thèmes de dégradation des matériaux, architecture et risques sismiques  
*date: Chaque année, plusieurs sessions*

**INTENSIVE TRAINING COURSE ON EUROPEAN INTEGRATED COASTAL ZONE MANAGEMENT (ICoD, Euro-Mediterranean Centre on Insular Coastal Dynamics, Gozo)**

**SECTORIAL CORRESPONDENCE : Education, Decision making**

**DURATION : 10–23rd June 2007**

**TARGET COUNTRIES : Turkey, Spain, Malta, England, Ireland.**

**LOCAL COORDINATOR: Dr. Anton Micallef, ICoD**

**OTHER PARTICIPANTS :**

- Escuela de Ingenieros de Caminos, Canales y Puertos, Universidad Politécnica de Madrid, Spain
- Southampton Institute University College, School of Maritime and Coastal Studies, UK
- Swansea Institute of Higher Education, School of Built and Natural Environment, Faculty of Applied Design and Engineering, Swansea, Wales.
- Akdeniz University, Department of Environmental Engineering and Department of Landscape Architecture, Turkey.
- Coastal & Marine Resources Centre (CMRC), Cork University College, Ireland.

**OBJECTIVE OF THE PROJECT**

***Global objectives***

Largely (72%) funded by the SOCRATES PROGRAMME of the European Commission (ERASMUS 1) this training activity provides an opportunity for students to participate in a specialized training opportunity dealing with sustainable management of the European coastal environment.

***Specific objectives***

Contribution to transfer of specialised knowledge concerning effective management of coastal areas. The course coverage includes aspects of risk management and potential natural and technological hazards afflicting the coast.

To co-fund with the EU participation of students from Turkey, Spain and Malta in a 2-week intensive training course on Integrated Coastal Zone Management (ICZM).

**EXPECTED RESULTS IN 2007**

Contribution to effective participation of students from countries party to the EUR-OPA Major Hazards Agreement to an Intensive Training course on ICZM.

**SÉMINAIRE INTERNATIONALE « DÉSASTRES ET CATASTOPHES RELIÉS AUX CHANGEMENTS DE CLIMATS » (CEMEC, San Marino)**

**CORRESPONDENCE SECTORIELLE : Education, Prevention**

**DUREE : 2007**

**PAYS CIBLES : Republique de St. Marin et, éventuellement, autres centres de l'A.P.O.**

**COORDINATEUR LOCAL: CEMEC**

**AUTRES PARTICIPANTS :**

**CENTRES SPECIALISES: C.N.R. – Conseil National pour la recherche**

**AUTORITIES NATIONALES: Protection civile italienne, Organisation Mondiale de la Santé**

**OBJECTIF DU PROJET**

***Objectifs globaux***

Changements de climats et effets pour la vie et la population-Definition et approfondissements des causes des changements de climats et désastres reliés-La Protection civile et l'urgence de climat-Variation des pathologies reliées aux nouveaux cadres du milieu

***Objectifs spécifiques pour 2007***

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**RESULTATS ATTENDUS EN 2007**

Définition des nouveaux cadres d'intervention pour affronter les désastres naturels émergents.

**ACTIVITES ASSOCIEES EN 2007**

Cours "Maladies infectieuses emergentes"

Cours "Le Milieu: les nouvelles urgences"

Cours "Grandes urgences et personnes âgées"

Cours "TBS"

*date: 22/24 Mars*

*date: 11-12 Octobre*

*date: 5-6 Octobre*

*date 24/26 Octobre*

*21/23 Novembre*

# **EDUCATION PROFESSIONNELLE / VOCATIONAL EDUCATION**

## **ENSEIGNEMENT A DISTANCE - CAUCASE (CETICA, Draguignan)**

**CORRESPONDENCE SECTORIELLE: Education, Ressources pédagogiques**  
**DUREE : 2007 (avec possible continuité)**

**PAYS CIBLES :** Caucase en 2007, Fédération de Russie en 2008  
**COORDINATEUR LOCAL :** M. Joseph Agostini

**AUTRES PARTICIPANTS :**

**CENTRES SPECIALISES:** Centres de Géorgie et d'Arménie

**AUTORITIES NATIONALES:** Ambassades de France en Géorgie et en Arménie ; Ministères de l'Intérieur géorgien et arménien ; Ecole Nationale Supérieure des Officiers de Sapeurs-Pompiers

### **OBJECTIF DU PROJET**

#### **Objectifs globaux**

Inscrit dans la réforme des départements de situations d'urgence en Géorgie et en Arménie, il vise à l'amélioration des compétences théoriques, pratiques et opérationnelles de cadres formateurs (vingt en Géorgie et vingt en Arménie) sur les situations d'urgence suite à des accidents liés aux risques majeurs.

Les enseignements dispensés concernent la science des risques et conjuguent formation présentielle et formation à distance (e-learning). Le programme comprend deux thématiques réparties sur les deux pays, afin de posséder une base de données de ressources pédagogiques, évolutives et complémentaires partagée.

Les actions se font en parallèle à l'implantation de matériels de réception satellite (équipement prévu de trois sites par pays) : les formateurs géorgiens et arméniens dispenseront les cours depuis le site français aux futurs cadres formateurs (indistinctement géorgiens ou arméniens). En accord avec les partenaires, la langue d'enseignement sera le russe et des sessions spécifiques dans la langue du pays seront aussi réalisées.

Cette formation, diplômante, permettra aux cadres formateurs de démultiplier, grâce aux antennes satellites implantés dans les différentes régions, les formations spécifiques auprès d'unités déconcentrées. Le suivi pédagogique du projet est assuré par REMIFOR et le suivi technique par le CETICA.

#### **Objectifs spécifiques pour 2007**

Ce support institutionnel met en relation deux instituts homologues de formation: le centre de formation du département d'urgence de Géorgie, l'Académie nationale de gestion des crises en Arménie et REMIFOR. Parallèlement, d'autres opérateurs apportent des compétences à cet accord cadre, sur la base de compétences mutualisées, englobant sur le plan juridique, six conventions qui seront signées.

*Première phase d'enseignement:* fixer le cadre réglementaire et législatif particulier, auxquels sont soumis les décideurs pendant la gestion de situation d'urgence. Il faudra déterminer avec chaque partenaire une thématique d'enseignement à préparer avec la partie française et réaliser des contenus pédagogiques adaptés, validés, avant la mise en réseau des supports d'enseignement. Supports pédagogiques préparés avec le partenaire arménien (Gestion Opérationnelle) et le géorgien (Secours aux personnes et sauvetage).

*Deuxième phase d'enseignement :* traiter les sujets retenus, à partir d'exemples concrets, pour former les cadres formateurs.

*Troisième phase d'enseignement :* démultiplication des actions de formation par les cadres formés.

### **RESULTATS ATTENDUS EN 2007**

- Analyser les besoins en formation et apprendre à définir des programmes de formation
- Participer à la préparation des modules de formation
- Procéder à l'installation de matériels pédagogique (e-learning)
- Utiliser les technologies de l'information et de la communication (TIC)
- Former des cadres formateurs

### **ACTIVITES ASSOCIEES EN 2007**

Programmes déjà envisagées avec les partenaires géorgiens et arméniens en fonction des besoins :

Thème 1.1 : **Gestion opérationnelle et commandement (la gestion de crises)**

Thème 1.2 : **Secours à personnes**

*Sites d'installation:* Académie Nationale d'Erevan et Centre national de Tbilissi

Thème 2.1 : **Les risques radiologiques (la gestion de crises)**

Thème 2.2 : **Les risques chimiques**

*Sites d'installation:* Académie Nationale d'Erevan et Tbilissi (Base du SSU envisagée)



**ALERTE PRECOCE – VULNERABILITE / EARLY WARNING -  
VULNERABILITY**

**FROM HAZARD TO RISK – COMPARATIVE ANALYSIS OF ASSESSMENT TECHNIQUES IN THE SOUTH CAUCASUS REGION (GHHD, Geodynamical Hazards of High Dams, Tbilisi)**

**SECTORIAL CORRESPONDENCE :** Prevention, Decision making  
**DURATION :** 2007– 2008

**TARGET COUNTRIES :** Armenia, Azerbaijan, Georgia  
**LOCAL COORDINATOR:** Prof. T. Chelidze, GHHD

**OTHER PARTICIPANTS :**

**SPECIALIZED CENTRES :** *Centres of Armenia and Azerbaijan*

**COUNTRIES AUTHORITIES :** *Ministry of Environment Protection of Georgia, Ministry of Internal Affairs of Georgia, Ministry of Economics of Georgia*

**OBJECTIVE OF THE PROJECT**

***Global objectives***

The important element of disaster prevention is the correct assessment of natural hazards, but even more important is to perform the next step and move from hazard assessment to risk. It is evident that the risk is the main element of disaster prevention planning as it allows concentration of efforts in building disaster-resilient societies in the most vulnerable areas. It should be noted that global natural risk assessments, provided by different organizations for the same area may differ considerably: the example is the Caucasus area (compare maps of Columbia University and Munich Group). Now it is necessary to compile risk maps, based on the above hazard maps and data on population density, infrastructure, GDP and vulnerability.

***Specific objectives for 2007***

Compilation of risk maps of South Caucasus using hazard maps and data on population density, infrastructure, GDP and vulnerability.

**EXPECTED RESULTS IN 2007**

Natural Hazard Risk Maps for Southern Caucasus Countries

# **LEGISLATION – GESTION / LEGISLATION - MANAGEMENT**

**ROLE DES AUTORITES LOCALES ET REGIONALES DANS LA REDUCTION DES RISQUES DE CATASTROPHES (ISPU, Institut Supérieur de Planification d'Urgence, Florival)**

**CORRESPONDENCE SECTORIELLE : Legislation**

**DUREE : 2007 – 2011**

**PAYS CIBLES : Tous les pays membres de l'Accord**

**COORDINATEUR LOCAL: Monique BERNAERTS et Alexandra SONCK**

**AUTRES PARTICIPANTS :**

**CENTRES SPECIALISES: Cercle de travail sur les aspects juridiques, organisationnels et politiques**

**AUTORITES NATIONALES: Correspondants permanents**

**OBJECTIF DU PROJET**

***Objectifs globaux***

Analyse comparée du rôle des autorités locales et régionales dans la réduction des risques de catastrophes

***Objectifs spécifiques pour 2007***

Etat des lieux du rôle reconnu aux autorités locales et régionales et analyse des mécanismes de coordination mis en place avec les autorités supérieures dans un ou plusieurs pays membres.

**RESULTATS OBTENUS ANTERIEUREMENT**

Rapport de +/- 30 pages décrivant le rôle des autorités locales et régionales à chaque phase du cycle de la gestion des risques majeurs (Identification, prévention, préparation, gestion de crise, rétablissement et intégration des enseignements), proposant certaines bonnes pratiques en la matière.

**RESULTATS ATTENDUS EN 2007**

Annexes nationales complétant le rapport 2006 sur le « Rôle des autorités locales et régionales dans la réduction des risques de catastrophes. Exemple : Belgique, France, Maroc, Arménie, Roumanie.

**ACTIVITES ASSOCIEES EN 2007**

- Distribution du questionnaire et fixation des objectifs avec les partenaires  
*Details: Organisation d'une réunion en marge de la réunion du Comité des Correspondants permanents*  
date: premier trimestre 2007
- Au moins une réunion de concertation avec chaque représentant national ou local du pays considéré.  
*Details:* date: deuxième et troisième trimestre 2007
- Rédaction d'une annexe nationale par pays considéré  
*Details: Document d'une dizaine de pages par pays considéré*  
date : fin 2007

**BONNES PRATIQUES ET LEÇONS TIREES DE L'EXPERIENCE QUANT AUX POLITIQUES, PLANS ET MOYENS EMPLOYES (ISPU, Institut Supérieur de Planification d'Urgence, Florival)**

**CORRESPONDENCE SECTORIELLE :** Législation, Aide à la décision  
**DUREE :** 2007 – 2011

**PAYS CIBLES :** Tous les pays membres de l'Accord  
**COORDINATEUR LOCAL:** Monique BERNAERTS et Alexandra SONCK  
**AUTRES PARTICIPANTS :**  
**CENTRES SPECIALISES:** Tous  
**AUTORITIES NATIONALES:** Correspondants permanents

**OBJECTIF DU PROJET**

***Objectifs globaux***

Partager l'information sur les pratiques, mécanismes et technologies de réduction des risques ayant fait leurs preuves et les enseignements tirés des retours d'expériences quant aux politiques, plans et moyens utilisés et échanger les bonnes pratiques en la matière.

***Objectifs spécifiques pour 2007***

Opérationnaliser l'outil bonne pratique réalisé en 2005 par l'ISPU.

**RESULTATS OBTENUS ANTERIEUREMENT**

Fiche bonne pratique et son manuel d'utilisation (activités spécifiques 2005)

**RESULTATS ATTENDUS EN 2007**

- Distribution des outils banque de données et « bonnes pratiques »
- Réunion avec le secrétariat exécutif quant aux possibilités de diffusion que pourrait offrir le site de l'Accord
- Récolte des bonnes pratiques via le secrétariat exécutif
- Analyse par l'ISPU et mise à disposition d'un document de synthèse.

**ACTIVITES ASSOCIEES EN 2007**

...

**GESTION INTERMINISTERIELLE DES RISQUES MAJEURS (ISPU, Institut Supérieur de Planification d'Urgence, Florival)**

**CORRESPONDENCE SECTORIELLE :** Legislation

**DUREE :** 2007 – 2011

**PAYS CIBLES :** Tous les pays membres de l'Accord

**COORDINATEUR LOCAL:** Monique BERNAERTS et Alexandra SONCK

**AUTRES PARTICIPANTS :**

**CENTRES SPECIALISES:** Cercle de travail sur les aspects juridiques, organisationnels et politiques

**AUTORITES NATIONALES:** Correspondants permanents

**OBJECTIF DU PROJET**

***Objectifs globaux***

Analyse comparée des mécanismes de coordination interministérielle mis en place dans les pays membres de l'Accord

***Objectifs spécifiques pour 2007***

Etat des lieux des mécanismes de coordination interministérielle mis en place dans un ou plusieurs pays membres.

**RESULTATS OBTENUS ANTERIEUREMENT**

K. VAN HEUVERSWYN., *Analyse comparative de la gestion interministérielle des risques majeurs : Belgique, France, Russie, Bulgarie*, Stasbourg, ISPU, 2005 Doc AP/CAT(2005)30.

**RESULTATS ATTENDUS EN 2007**

Annexes nationales complétant l'Analyse sur la gestion interministérielle précitée.

**ACTIVITES ASSOCIEES EN 2007**

- Distribution du questionnaire et fixation des objectifs avec les partenaires  
*Details:* Organisation d'une réunion en marge de la réunion du Comité des Correspondants permanents  
*date: premier trimestre 2007*
- Au moins une réunion de concertation avec chaque représentant national ou local du pays considéré.  
*date: deuxième et troisième trimestre 2007*
- Rédaction d'une annexe nationale par pays considéré  
*Details:* Document d'une dizaine de pages par pays considéré  
*date : fin 2007*

**USING CHERNOBYL EXPERIENCE FOR STRENGTHENING OF COOPERATION BETWEEN THE CENTRAL GOVERNMENT, REGIONAL AUTHORITIES AND MASS MEDIA FOR BETTER NUCLEAR SAFETY OF OPERATING NUCLEAR POWER PLANTS IN THE EUROPE (TESEC, *European Centre of Technological Safety, Kiev*)**

**SECTORIAL CORRESPONDENCE :**      **Prevention, Decision making**  
**DURATION :** 2007 – 2008

**TARGET COUNTRIES :**      **EUR-OPA member-states**

**LOCAL COORDINATOR:**      **TESEC**

**OTHER PARTICIPANTS :**

***Specialized Centres :*** *EUR-OPA Network of Scientific Centers*

***Countries Authorities :*** *Council of Europe's Congress of Local and Regional Authorities*

**OBJECTIVE OF THE PROJECT**

***Global objectives***

The strengthening of cooperation between the central government, regional authorities and mass media for better nuclear safety of operating Nuclear Power Plants in the Europe.

***Specific objectives for 2007***

To organize workshop of representatives International organizations, Governments, regional and local authorities, mass media for exchanging information for better co-operation between all stakeholders on operating NPP nuclear safety, taking to account Chernobyl experience.

**RESULTS OBTAINED PREVIOUSLY**

“**Slavutych Appeal**” launched by the International Conference “Chernobyl 20 years after: Local and regional authorities facing catastrophes” Slavutych (Ukraine), 2 – 4 March 2006 adopted an appeal with following statements:

***Neighbourhood solidarity***

The Chernobyl disaster stands as a testimony that a nuclear accident has no respect for local, national or international boundaries.

Nuclear safety cannot be confined to one countries’ political and administrative boundaries. It demands effective neighbourhood solidarity, transfrontier co-operation, which ensures that each area concerned, irrespective of the country to which it is attached, is a player on an equal footing with all the others.

In this respect, it is important that territorial authorities, which had already experienced a disaster or are under the risk of a disaster, exchange their experiences. They urge the Council of Europe’s Congress and the Committee of the Regions of the European Union to give the desired priority to these issues in their political work. The European Forum for Local and Regional Disaster Management, which was launched during the Slavutych Conference, can play a substantial role in this field.

**EXPECTED RESULTS IN 2007**

To develop proposal on organizing of the workshop of representatives International organizations, Governments, regional and local authorities, mass media for exchanging information for better co-operation between all stakeholders on operating NPP nuclear safety, taking to account Chernobyl experience. To make agreement between EUR-OPA, the Council of Europe’s Congress of Local and Regional Authorities, UNDP on joining efforts in organization of workshop. To deploy the International Organizing Committee for workshop. To develop and distribute fist announcement on workshop.

**ASSOCIATED ACTIVITIES IN 2007**

To develop proposal on organizing of the workshop

*date: March*

To make agreement between EUR-OPA, the Council of Europe’s Congress of Local and Regional Authorities, UNDP on joining efforts in organization of workshop, and to deploy the International Organizing Committee for workshop.

*date: June*

To develop and distribute fist announcement on workshop

*date: September*

**CREATION OF REGIONAL CAPACITY AND TASK FORCE FOR POST-DISASTER DAMAGE ASSESSMENT (ECILS, European Center on Vulnerability of Industrial and Lifeline Systems, Skopje)**

**SECTORAL CORRESPONDENCE: Education, Legislation, Decision making**  
**DURATION: 2006 – 2008 (Second year of performance)**

**TARGET COUNTRIES :** All EUR-OPA MHA Countries

**LOCAL COORDINATOR:** Prof. Dr. Zoran MILUTINOVIC, Director ECILS-Skopje

**OTHER PARTICIPANTS :**

**SPECIALIZED CENTRES:** AECRIS (Bucharest), AFEM (Ankara), ECTR (Yerevan), CEPRIS (Rabat), ECPFE (Athens)

**COUNTRIES AUTHORITIES:** National authorities responsible for operative management of post-disaster effects and relief operations of DPPI Countries (Albania, Bulgaria, Bosnia and Herzegovina, Croatia, Greece, Hungary, Macedonia, Moldova, Romania, Serbia and Montenegro, Slovenia and Turkey)

**OBJECTIVE OF THE PROJECT**

**Global objectives**

Experience shows that countries affected by destructive events find it hard to produce damage assessments that satisfy national needs as well as requirements of international agencies and donors. This task is often finally entrusted to external experts, which can lead to unnecessary evacuation of buildings, prolonged accommodation of inhabitants in unsafe structurally damaged buildings, delays of the recovery process, etc.; the costs of which are borne by disaster victims, communities and their governments.

The project intends to create a suitable technically consistent and consensued methodology and format for damage assessments in the EUR-OPA region that could be discussed and agreed upon with major donors (such as EC, Council of Europe Bank for Development, EBRD, ...) followed by the training of specialists and forming a regional damage assessment task force to be rapidly deployed in major disasters (earthquakes, floods and high winds) within the EUR-OPA MHA region but eventually even wider.

**Specific objectives for 2007:**

Continuation of activities related to development of a suitable technically consistent and consensued methodology and format for damage assessments for earthquakes, floods and high winds, as well as landslides; Development of corresponding IT damage/loss assessment tool, 2 expert meetings/workshops.

**RESULTS OBTAINED PREVIOUSLY**

The kick-off meeting (Skopje, June 13-16, 2006), with 14 delegates from Armenia, Greece, Morocco, Romania, Turkey and FYROM, has positively identified the capability, experience and capacity of centers and appointed professionals as well as the IT tool useful as a skeleton for training and further development in accordance with national policies of countries involved. As all national reports has not been received, the project may be for about 3 months behind its planned schedule.

**EXPECTED RESULTS IN 2007**

Technically consistent and consensued methodology and format for damage assessments satisfying national needs of countries and requirements of international agencies/donors; completion of IT tool for stated needs.

**ASSOCIATED ACTIVITIES IN 2007**

**Development of the damage assessment methodology, procedure and format** *date: May*

**Expert meeting** *date: June*

*Details:* Review of achievements, professional consensus, discussion and agreement with country authorities, international agencies/donors, as basis to develop/enhance the adequate damage and loss assessment tool.

**Development/enhancement of damage and loss assessment IT tool** *date: November*

*Details:* Develop/enhance the adequate IT tool for damage and loss assessment.

**Workshop** *date: December*

*Details:* Presentation and review of developed IT tool for damage and loss assessment; transfer to national DPPI authorities, development of training curricula.



## **HARMONIZATION OF SEISMIC HAZARD MAPS IN BALKANS (ECILS, European Center on Vulnerability of Industrial and Lifeline Systems, Skopje)**

**SECTORAL CORRESPONDENCE:** Legislation, **Prevention**, Decision making

**DURATION:** 2007 – 2008

**TARGET COUNTRIES :** All EUR-OPA MHA Countries

**LOCAL COORDINATOR:** Prof. Dr. Zoran MILUTINOVIC, Director ECILS-Skopje

**OTHER PARTICIPANTS :**

**SPECIALIZED CENTRES:** AECRIS (Bucharest, Romania), AFEM (Ankara, Turkey), ECPFE (Athens, Greece)

**OTHER CENTRES:** Seismological Institute, Albania; Department of Geophysics, University of Zagreb, Croatia; Seismological Survey of Serbia, Belgrade; Montenegro Seismological Observatory, Podgorica; Bulgaria and Bosnia and Herzegovina (to be identified)

**COUNTRIES AUTHORITIES:** National authorities responsible for operative management of post-disaster effects and relief operations of DPPI Countries<sup>1</sup>

### **OBJECTIVE OF THE PROJECT**

#### **Global objectives**

To filter-up, update and prepare professionally consensused historic and instrumental earthquake catalog database for elaboration of new seismic hazard maps of Balkan region based on a modern scientific methodology approach, which will ensure harmonization within the region, and also with the European (EUROCODE 8) standards.

To improve cooperation between 9 participating countries in the region of SEE and to enhance joint coordination and cooperation in the field of seismic hazard as an important tool for prevention and preparedness activities, and disaster management in whole.

#### **Specific objectives for 2007**

To identify the state of the data by countries involved, consensus on the format of Balkan earthquake catalogue, and to operatively start with its preparation.

### **EXPECTED RESULTS IN 2007**

Consensused format of Balkan earthquake catalogue; operative preparation of the catalogue for the earthquakes on which parameters the consensus already exists, identification of 'critical' earthquakes for which national inputs are differing.

### **ASSOCIATED ACTIVITIES IN 2007**

#### **Kick-off meeting**

**date: May**

*Details:* To identify the state of the data by countries involved discuss and potentially to consensus on the format of Balkan earthquake catalogue and refine the project road-map.

#### **Development of the Balkan Earthquake catalogue**

**date: June-November**

*Details:* Exchange of national earthquake catalogues, creation of 'joint' Balkan earthquake catalogue in consensused format, identification of earthquakes with different national inputs.

#### **Workshop/ Expert meeting**

**date: December**

*Details:* Presentation and review of developed Balkan earthquake catalogue, road map for harmonizing earthquake data on earthquakes with different national inputs.

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<sup>1</sup> The Disaster Management Training Program (DMT Program) for national agencies responsible for emergency function started in 2002 as the core activity of the Stability Pact's Disaster Preparedness and Prevention Initiative (DPPI). The countries involved (DPPI Countries) are: Albania, Bulgaria, Bosnia and Herzegovina, Croatia, Greece, Hungary, Macedonia, Moldova, Romania, Serbia and Montenegro, Slovenia and Turkey.

## **PREVENTION – INFORMATION**

**DEVELOPING AND HOLDING NATIONAL AND MUNICIPAL CAMPAIGNS ON INFORMING AND WARNING THE POPULATIONS ABOUT EMERGENCIES (ECTR, European Interregional Educational Center for Training Rescuers, Yerevan)**

**SECTORIAL CORRESPONDENCE : Education, Prevention, Awareness-raising  
DURATION: 2005–2008**

**TARGET COUNTRIES: Armenia, Southern Caucasus countries**

**LOCAL COORDINATOR: ECTR**

**OTHER PARTICIPANTS :**

**SPECIALIZED CENTRES:** *Other interested European Centers*

**COUNTRIES AUTHORITIES:** *Rescue Service of Armenia, Academy of Crisis Management, “Emergency Channel” Information Agency*

**OBJECTIVE OF THE PROJECT**

***Global objectives***

*Long-term.*

- Acquisition by the population of the required knowledge and fundamental skills in properly reacting when warned through recurrent nation-wide and municipal Campaigns.
- Usage of the experience gained to share it with Southern-Caucasus countries and adjacent states for organizing similar Campaigns taking into account their specificities.
- Based on the Armenian expertise, development of a regional informing and warning system for the populations of the Southern Caucasian countries and adjacent states about trans boundary emergencies.
- The methodology can be (after being appropriately polished up) submitted as an essential component for the development of regional and national informing and early warning systems for other countries.
- Profound mitigation of consequences and losses reducing likely to be caused by trans boundary emergencies.

*Short term*

- Developing Methodology and Plan for action aiming to develop and hold national and municipal “Campaigns” on informing and warning the populations about emergencies.
- Developing and organization of municipal and nation-wide Campaigns on possible risks threatening each particular country region and about what to do when informed and warned on an imminent hazard.
- Implement it also at municipal (local) levels as local governance bodies are the first who must protect the population: leaders, schools heads, hospitals, industries, offices and mass media must participate.

***Specific objectives for 2007***

- Further development of general and supplementary information materials together;
- Further development of material-technical bases drawn on the modern technologies;
- Further carrying out of the necessary organizational measures;
- Undertaking organizational measures to ensure a closer cooperation with international organizations.

**RESULTS OBTAINED PREVIOUSLY**

The Activity Report within the framework of the 2006 coordinated programs (27 pages).

**EXPECTED RESULTS IN 2007**

1. Further development of supplementary information materials for the use of the municipalities at special risks in order to enrich the “general” information materials : Draft Guide for population on how to proceed if a nuclear threat in the Armenian power plant; Draft Guide on the rules of behavior if a threat of flood risk; Draft Guide on rules of behavior for populations located nearby chemical pollution prone zones
2. Further development of information materials for special targeted population groups (school and preschool administration, teachers, students, parents, foreigners, national minorities, ...).
3. Further development of basis tests to assess the level of preparedness of schools to adopt preventive measures and general recommendations, aiming to increase their safety.
4. Discussion and use of basic and supplementary information materials for municipalities with special risks during the regional and municipal exercises, step by step transforming them into municipal Campaigns.
5. Ongoing teaching a training course: “Organization of informing and warning the populations about emergencies” at the “Staff refresher training” faculty of the State Crisis Management Academy”.
6. Preparing media.
7. Establishing a close cooperation with European Forum for Local and Regional Disaster Management and UN/ISDR and other appropriate international organizations.

**DANUBE A RIVER FOR ALL, A CARE FOR EVERYBODY (CLST, European Center for Risk Prevention, Sofia)**

**SECTORIAL CORRESPONDENCE :** Prevention

**DURATION :** 3 years

**TARGET COUNTRIES :** Bulgaria, Romania, Serbia, Ukraine, Moldova

**LOCAL COORDINATOR:** CSLT

**OTHER PARTICIPANTS :**

**SPECIALIZED CENTRES :** Bulgaria, Romania, Ukraine, Moldova

**COUNTRIES AUTHORITIES :** Ministries of Environment and Water, Authorities responsible for Risk Management in case of floods and water pollutions.

**OBJECTIVE OF THE PROJECT**

**Global objectives :**

Environmental protection, floods control and prevention along the River Danube valley.

**Specific objectives for 2007 :**

To discuss how to improve the monitoring and information systems in case of flood and ecological pollution of the River Danube and their implementation in real time.

**RESULTS OBTAINED PREVIOUSLY**

Conclusions of the International seminar – Sofia, 4<sup>th</sup> December 2006.

**EXPECTED RESULTS IN 2007**

Conditions to set up systems for early warning and forecast of floods and pollutions along the Danube river.

**ASSOCIATED ACTIVITIES IN 2007**

**International Seminar “Prevention against the water harmful influence and information of the population along the Danube river valley”.**

Bulgaria, Romania, Bulgaria, Croatia, Moldova, Ukraine, Hungaria, UN-Wien

*date: 25-26 June*

**Working meeting about WEB TV**

*date: 2007*

**DEVELOPING OF EUR-OPA WEB SITE MODULE ON TECHNOLOGICAL DISASTER MANAGEMENT (TESEC, European Centre of Technological Safety, Kiev)**

**SECTORIAL CORRESPONDENCE :** Education, Prevention, Decision making  
**DURATION :** 2007 – 2009

**TARGET COUNTRIES :** EUR-OPA member-states  
**LOCAL COORDINATOR:** TESEC  
**OTHER PARTICIPANTS :**  
*Specialized Centres :* EUR-OPA Network of Scientific Centers  
*Countries Authorities :* EUR-OPA member-states

**OBJECTIVE OF THE PROJECT**

***Global objectives***

The prevention and decision making capability strengthening; providing for general public information and knowledge on risk prevention and disaster management

***Specific objectives for 2007***

To define the structure of module and request for publishing date, merging of Chernobyl web site to technological disaster module

**RESULTS OBTAINED PREVIOUSLY**

International Web Site- Scientifically Validated Information on Chernobyl Disaster, April 1986- has been created for dissemination and publishing scientifically validated information about the consequences of Chernobyl disaster.

Web site offered the opportunity to a large scientific community located in several countries, including the former NIS, to establish a network for exchange of data, knowledge and best practices regarding all the critical issues of “nuclear power accident” consequences management as well as the best ways to reduce the hazardous effects.

**EXPECTED RESULTS IN 2007**

To define the structure of module and request for publishing date, merging of Chernobyl web site to technological disaster module.

**ASSOCIATED ACTIVITIES IN 2007**

To define the structure of module.  
To define request for publishing date  
To merge the Chernobyl web site to technological disaster module

*date: March*  
*date: June*  
*date: September*

**IMPLEMENTATION OF THE BEST EU EXPERIENCE ON AIR DISPERSION MODELING FOR ACCIDENT CONSEQUENCES FORECASTING (TESEC, European Centre of Technological Safety, Kiev)**

**SECTORIAL CORRESPONDENCE :**      **Prevention, Decision making**  
**DURATION :** **2007 – 2009**

**TARGET COUNTRIES :**      **EUR-OPA member-states**  
**LOCAL COORDINATOR:**      **TESEC**  
**OTHER PARTICIPANTS :**  
**Specialized Centres :** *EUR-OPA Network of Scientific Centers*

**OBJECTIVE OF THE PROJECT**

**Global objectives**

**Specific objectives for 2007**

From selected modeling software to define prototype tool.

**RESULTS OBTAINED PREVIOUSLY**

The analysis of existing in Europe activity on benchmarking and standardization of atmospheric dispersion modeling, selection list of the best models

**EXPECTED RESULTS IN 2007**

To distribute to EUR-OPA member-states short description of selected models, jointly with EC and EUR-OPA member-states to select prototype modeling software. To make agreement with company-software producers about software purchasing and implementation (operational staff training, languages adaptation). Jointly with EUR-OPA Network of Scientific Centers developing program for tool implementation.

**ASSOCIATED ACTIVITIES IN 2007**

|  |                        |
|--|------------------------|
| To distribute to EUR-OPA member-states short description of selected models          | <i>date: March</i>     |
| To select prototype modeling software.   | <i>date: June</i>      |
| To make agreement on software purchasing, developing program for tool implementation | <i>date: September</i> |

**KEY INDEXES FOR AIR QUALITY MONITORING IN DIFFERENT FOREST FIRE SCENARIOS AND POSSIBLE HEALTH IMPACTS ON THE FIREFIGHTERS AND POPULATION (ECFF, European Center for Forest Fires, Athens)**

**SECTORIAL CORRESPONDENCE : Prevention, Decision making, Operational**  
**DURATION : 2007**

**TARGET COUNTRIES :** High forest fires risk countries (France, Spain, Italy, Portugal, Greece)  
**LOCAL COORDINATOR:** Greece  
**OTHER PARTICIPANTS :**  
**SPECIALIZED AUTHORITIES:** interested centers (France, Lisbon, Ukraine, Russia, Belgium, Morocco)  
**COUNTRIES AUTHORITIES :** Civil protections, firebrigades, Institutes

**OBJECTIVE OF THE PROJECT**

***Global objectives***

1. Define key indexes for the on-line field monitoring of forest fire smoke (FFS) in various scenarios of forest fire
2. Evaluate possible forest fire smoke health impacts on exposed population and the fire-fighters

***Specific objectives for 2007***

1. To select target compounds for monitoring FFS
2. To propose specific field instruments for monitoring FFS near or in a distance from the flame-front
3. To make initial health risk assessment of FFS
4. To study health impact of forest fire smoke on population and the fire-fighters

**EXPECTED RESULTS IN 2007**

1. Review on health impacts of forest fire smoke on fire-fighters and population
2. Specialized report on air quality indicators for monitoring and estimating the severity of the situation in the affected areas
3. Technical report on field instruments for on-line monitoring forest fire smoke near the fire front and in a distance (specifications)
4. Specialized report on decision chart (road-map) for crisis managers with possible composition of forest fire smoke, health and safety issues (toxicity of ffs, suggested PPE) in regard to different forest fire scenarios

**ASSOCIATED ACTIVITIES IN 2007**

- Kick off meeting *Date: June*
- Teleconference to prepare the reports on time, succeed in their technical and scientific excellence as well as ensure that all objectives will be achieved. *Date: November*

## **AUTRES SUJETS / OTHER TOPICS**



**CULTURES LOCALES DU RISQUE (CUEBC, Centro Universitario Europeo Per I Beni Culturali, Ravello)**

**CORRESPONDENCE SECTORIELLE : Education, Prevention**

**DUREE : 2007 – 2008**

**PAYS CIBLES :** Italie, France, Grèce, Maroc, Algérie, Liban, Turquie.

**COORDINATEUR LOCAL:** Ferruccio Ferrigni

**AUTRES PARTICIPANTS :**

**OBJECTIF DU PROJET**

***Objectifs globaux***

- Définir principes, critères et méthodes qui permettent de réduire l'impact des désastres naturels au travers de la remise en valeur et l'upgrade critique des techniques traditionnelles d'aménagement du sol, de construction et de culture, ainsi que des comportements cohérents qui en découlent
- Former des formateurs des différents pays de la Méditerranéenne qui puissent animer chez eux des RI finalisée à la prévention des désastres naturels au travers de la remise en valeur des CLR
- Entamer des actions pilotes, se déroulant en réseau et permettant de tester techniques et méthodes

***Objectifs spécifiques pour 2007***

- Formation d'un premier group des experts du secteurs
- Préparation des dossiers pour la mise en route des actions pilotes

**RESULTATS OBTENUS ANTERIEUREMENT**

Activités de formation pour environ 300 experts provenant de tous les pays de la Méditerranée sur la prévention du risque sismique au travers la récupération de la culture sismique locale (du 1990 au 2006)

**RESULTATS ATTENDUS EN 2007**

Formation d'environ 20 experts.

Montage des dossiers pour obtenir les ressources nécessaires pour les actions pilotes.

**ACTIVITES ASSOCIEES EN 2007**

Retrofitting of ancient non monumental built-up environment and local seismic culture : problems, methods, techniques (Cours intensif) *date: 11-17 Avril*

*Details:* 4 jours de travail théorique en salle - 2 jours de travail de terrain

**TASK GROUP FOR THE SYNTAX OF THE “PRINCIPLES OF STRUCTURAL RESTORATION OF CULTURAL HERITAGE” (ECPFE, European Center of Prevention and Forecasting of Earthquakes, Athens)**

**SECTORIAL CORRESPONDENCE : Protection of Cultural Heritage**  
**DURATION : 2007 – 2010**

**TARGET COUNTRIES : Greece, Italy, FYROM, Portugal**

**LOCAL COORDINATOR: Greece**

**OTHER PARTICIPANTS :**

**SPECIALIZED CENTRES : Ravello, FYROM, Cyprus**

**COUNTRIES AUTHORITIES : Ministry of Culture**

**OTHERS: UNESCO**

**OBJECTIVE OF THE PROJECT**

***Global objectives***

No Regulatory Document Concerning Specific Guidelines for Aseismic Intervention to Monuments and Historic Settlements is in Force worldwide.

***Specific objectives for 2007***

As a continuation of the workshop held in Athens (February 2006), by the ECPFE, a follow up was suggested, both in National and Translational scale, towards the preparation of Guidelines including the principles and the criteria for decision making and design of structural restoration of Monuments, in view mainly of reducing their Seismic Risk

The EPPO as well as the Ministry of Culture will participate in the effort of the ECPFE.

**RESULTS OBTAINED PREVIOUSLY**

Conclusions of the workshop held in Athens (February 2006).

**EXPECTED RESULTS IN 2007**

Regulatory Document for Intervention to Monuments and Historic Buildings.

**ASSOCIATED ACTIVITIES IN 2007**

Meeting “Aseismic Intervention to Monuments and Historic Settlements”, Athens *date: 16-17 February*

**DEVELOPING PROPOSAL FOR SEVENTH FRAMEWORK PROGRAMME OF EC FOR RESEARCH AND TECHNOLOGICAL DEVELOPMENT (FP7) (TESEC, European Centre of Technological Safety)**

**SECTORIAL CORRESPONDENCE :**      **Prevention, Decision making**

**TARGET COUNTRIES :**                      **EUR-OPA member-states**

**LOCAL COORDINATOR:**                      **TESEC**

**OTHER PARTICIPANTS :**

**Specialized Centres:** *EUR-OPA Network of Scientific Centers*

**OBJECTIVE OF THE PROJECT**

***Global objectives***

Strengthening prevention, readiness to emergency, developing cooperation with EC

***Specific objectives for 2007***

To select call for proposal, which is correspond to EUR-OPA Medium Term Plan 2007-2011, capability of TESEC and other centers of EUR-OPA Network of Scientific Centers, to organize consortium, develop and present project to EC.

**EXPECTED RESULTS IN 2007**

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**ASSOCIATED ACTIVITIES IN 2007**

To select call for proposal, which is correspond to EUR-OPA Medium Term Plan 2007-2011, capability of TESEC and other centers of EUR-OPA Network of Scientific Centers

To organize consortium

Develop and present project to EC

*date: April*

*date: September*

*date: November*