

USARTE

TRAINING COURSE





38, Rue de la Frugerie 87110 BOSMIE- FRANCE +33 6 15 63 97 56 / +33 6 28 54 77 46 contact@pui-formation.fr www.pui-formation.fr

Registered under the number 75870174487. This registration is not worth state accreditation.

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ABOUT US

French humanitarian association certified by the United Nations and INSARAG, Pompiers de l'urgence internationale (PUI) provides relief and assistance to countries affected by natural or humanitarian disasters.

Since 2004, these professionals rescuers have been voluntarily providing their experience and savoir-faire to help people in difficulty.

Specialized in search and rescue, PUI has participated in numbers of emergency relief missions. PUI is associated with several humanitarian programs in Africa, South America, Asia and the Balkans.



International emergency firefighters, French relief team classified «USAR Medium Team» by INSARAG / UN authorities.

INSARAG : International Search and Rescue Advisory Group **USAR** : Urban Search and Rescue **UN** : United Nations.





www.pompiers-urgence.org

During an emergency deployment, PUI is :

- a team of 40 rescuers in complete autonomy for 10 days,
- an ability to activate the 1st UN coordination post on field mission,
- USAR Operation and logistics specialists,
- more than 5 tons of specific equipment,
- 5 search dogs specialized in locating buried victims,
- an expertise in collapsed buildings,
- teams of emergency doctors and nurses,

- a structure for triage and care of the wounded,
- two drones to explore hard-to-reach areas and to map,
- two drinking water production units.



Since its creation in 2004 :

Many of development or humanitarian training missions Many of emergency relief missions Many of injuries treated Many of people assisted with drinking water

198



19 800

150 000

PURPOSE

International emergency firefighters wished to create a training structure, in the form of a company called «PUI FORMATION».

By developing its training actions, its objective is to finance its international relief missions and to assist even more disaster victims all over the world.

PUI FORMATION will allow you to benefit from the experience of firefighters, trainers and specialists, members of the association International emergency firefighters.

Registered under the number 75870174487 with the Prefect of the New-Aquitaine region, this professional training organization with extensive skills in the field of safety and risk assessment, can provide you with the knowledge and assistance you need in training and raising the safety awareness of your employees.





While enabling you to meet the requirements of safety regulations, **collaborating with PUI FORMATION also enables you to support the voluntary actions of an international relief team**, which has been working for 15 years to rescue and assist the victims of natural disasters around the world.





PARTICIPANTS

Our major assets are the experience and skill of our staff, who provide you with a high level of training in the fields of fire safety, first aid and prevention.

Christelle BESSON

Training Assistant

34 years of experience and expertise in the field of national and international transport.

Expert in the organization of incentives and seminars. First aid and fire training assistant. Trilingual: English, German and Spanish. Speaker management,

commercial relations, public relations. Follow-up of the support base as part of the deployment of a rescue team.

Alain CHOPLAIN

Trainer / Instructor

Volunteer firefighting for 22 years. Experienced trainer in the field of fire and rescue for more than 20 years. National First Aid Instructor,

Head of USAR, Forest Fires, and CBRN Team Leader. Inspector for assessment of building disorders in emergency situations, United Nations field safety and advanced training. Member of INSARAG/ UN assessment teams for international USAR teams, Team leader function of a USAR team.

Philippe BESSON

Trainer / Consultant

Lieutenant-colonel of the professional fire brigade at the Fire and Rescue Service of Haute-Vienne, head of the territorial pole. 40 years of experience as a firefighter. Departmental and zonal technical adviser for USAR and building disorders, fire safety engineering, head of the radiological risk intervention unit, forest fires and CBRN team leader. Forensic expert and RCCI specialist (fire and explosion investigations). Inspector for the evaluation of building disorders in emergency situations, field safety training and UN advanced training.

Inventor of an earthquake simulator (INPI patent). Member of INSARAG/ UN teams of assessors for international USAR teams, Team leader function of a USAR team.

PUİ

André PLANCHAUD

Trainer / Instructor

Professional firefighter at the Fire and Rescue Service of the Haute-Vienne for 35 years. National first aid trainer and instructor. Fire safety and fire safety trainer. Specialist in rescue-removal in USAR team.



Procedure

PROCEDUREREGISTRATION PROCEDURES

Companies or candidates who wish to follow a training course listed in the catalogue should send an e-mail to contact@pui-formation.fr to obtain a training application form.

A 50% deposit is required at the time of registration; the balance is due no later than 20 days after the end of the training course.

We accept the following methods of payment:

- bank transfers.

MEDICAL CERTIFICATE

For cohesion traineeships requiring a physical effort, candidates must check their physical and medical health and provide a medical certificate of «no contraindication».

> Quelles sont les modalités ?

CANCELLATION OR MODIFICATION POLICY

• on behalf of the customer

The customer may request to postpone the course to a later date if the request is made at least 21 days before the originally scheduled start of the course, subject to the availability of training places. The postponement will be free of charge.

Such a request made less than 21 days prior to the start of the training will be treated as a cancellation. The deposit will not be refunded.

If the customer wishes to cancel a training course, he must do so by email at: contact@pui-formation.fr.

• partial cancellation

The replacement of one trainee by another is accepted free of charge; any absence of a trainee not replaced on the day of training will not be reimbursed.

• on behalf of PUI FORMATION

In case of an event beyond our control (weather alert, heat wave, bad weather conditions, major technical problems...) PUI FORMATION reserves the right to cancel, modify the date, time and place of the training. However, every effort will be made to inform participants as soon as possible of any changes before the beginning of the training. In the event that it is not possible to postpone, PUI FORMATION will reimburse the client at no charge.

TRAINING CERTIFICATE AND DIPLOMA

A training certificate or diploma will be awarded to participants who have successfully completed the course. PUI FORMATION cannot award a training certificate to any participant who is absent from the course for health reason or any other reasons.

LANGUAGE

All the courses listed in this brochure will be held in French (for the French part) and in English for the international part.

INQUIRIES

The courses must meet the needs of the participants and the specified requirements. Interested participants are also required to meet the admission requirements before registering for the course (for example, medical examination and minimum qualification).

CUSTOMIZATION OF TRAINING COURSE

Participants or companies interested in specific training courses that are not offered in this catalogue can inform us. We will be pleased to discuss how we can set up a program that meets your needs.

For instance, we can offer a course tailored to the operational needs of the participants or a risk assessment. Some of the courses we have already customized and delivered are as follows:

- first responder training for the Bureau of Fire Protection in 2019 in Guiuan, Philippines.

- Hazardous materials response training for the Kosovo Fire Brigade.

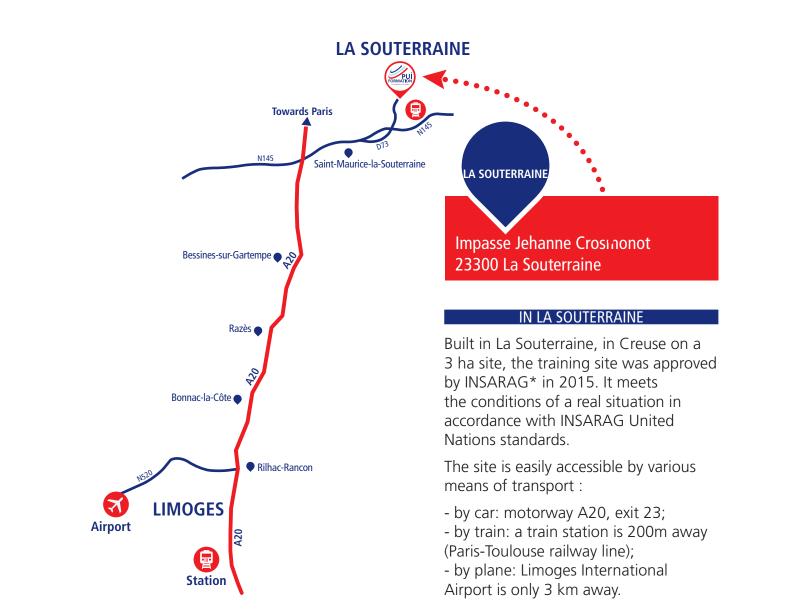




For more information, please contact us at the following address: contact@pui-formation.fr

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We are also able to offer you training courses abroad, on your own work sites

INTERNATIONAL TRAINING COURSES SPECIALISED TRAINING

101.

Pon



Emergency Response Team Training (CERT)

This course is designed to train selected personnel in the tactics and simple techniques of conducting search and rescue operations for local emergency response teams. The intensive training involves basic technical rescue skills that will enable them to professionally conduct and execute missions in a variety of emergency scenarios. The course focuses on training in a variety of operational fields, such as collapsed structures and rescue of people. The course concludes with final exercises so that participants can apply their training to realistic scenarios. At the end of the course, participants will acquire the skill to respond to an urban disaster.

OBJECTIVES

• Train local emergency response teams in the methods and concepts needed to respond to emergencies during natural disasters, and provide an initial response to the emergency while waiting for teams to be formed.

PROGRAM

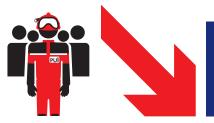
• First aid in the management of wounds, bleeding, fractures, sprains, burns, cardiac arrest with the use of a defibrillator,

- Notions of stretchering, simple rescues,
- Notions on fires and handling of fire extinguishers,
- Use of basic relief materials in the case of an earthquake, for example

METHOD :

Duration: 5 days. **Number of participants:** 15 maximum. **Cost:** Personalized cost estimate on request.





Train selected personnel in the tactics and techniques of conducting urban search and rescue (USAR) operations.

Damage assessment and sorting of disaster-damaged structures

During a natural disaster, the priority of actions is to coordinate the relief efforts in an optimum way in order to save as many people as possible. To achieve this goal, it is imperative to organize a rapid assessment of the number of damaged

TARGET AUDIENCE

- All USAR teams,
- USAR team leader,

• Specialist in building assessment and building 360 walk around.

OBJECTIVES

• Train the USAR teams in the rapid assessment of the structures of the different work sites in order to define the priorities and provide the local authority in charge of relief with a rapid assessment of the situation. and collapsed structures in order to define priorities.

The United Nations INSARAG mechanism defines a rapid damage assessment method in order to prioritize the sites sheltering buried victims.

PROGRAMME

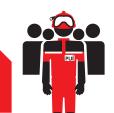
- Theoretical explanation,
- Collapsed structures Assessment in the field,
- Use of cloud computing tools (Survey123),

• Link between the USAR teams and the management team (Command Post).

METHOD :

Duration: 2 days. **Number of participants:** 15 to 20. **Cost:** Personalized cost estimate on request.





Coordinate the rescue in an optimum way in order to save as many people as possible.

Shoring of collapsed or damaged structures

This training session is designed to train participants in stabilization techniques for damaged or collapsed structures and stability assessment. Participants will be informed of methods to assess the immediate structural condition of the affected area, including the identification of structure types, specific damage and structural hazards. In particular, they will learn how to determine the appropriate type and method of shoring to minimize the risk of collapse when a salvage operation is in progress.

TARGET AUDIENCE

- All USAR teams,
- USAR team leader.

OBJECTIVES

• Train USAR teams in the rapid assessment of the structures of the different work sites in order to define the appropriate stabilization method, and the realization of adapted wooden but also mechanical shoring.

PROGRAM

- Theoretical explanation on structural shoring,
- Collapsed structures assessment in the field,
- Practical realization of the different types of shoring.

METHOD :

Duration : 3 days. **Number of participants:** 15 to 20. **Cost :** Personalized cost estimate on request.





Train participants in stabilization techniques for damaged or collapsed structures and stability assessment.



This course is designed to train personnel to act as research dog handlers. Participants will be introduced to the concepts of search dog training for the search for buried victims, as well as the skills and knowledge required to care for and maintain search dogs. At the end of the course, participants will be sufficiently trained to develop an effective and trusting working relationship with search dogs.

TARGET AUDIENCE

• K9 dog team from the USAR teams.

OBJECTIVES

• Provide the handler with the necessary tools to integrate the K9 team in an international dog search operation, so that he is able to carry out search missions for victims buried under rubble, in all conditions of intervention and in precarious situations,

• To remind the notions of education, obedience and hygiene,

• Train the handler in the emergency care of dogs in the event of injury

PROGRAMM

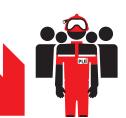
- Sectorization of the intervention area,
- The master's interpretation of the dog's attitudes,
- analysis of the olfactory situation,
- Dog driving,
- The commitment of the dog-handler pair,

• Rules of obedience, education, and hygiene.

METHOD

Duration: 5 days. **Number of participants:** 4 to 6. **Cost:** Personalized cost estimate on request.





Train the staff to assume the role of research dog handler.

Training in victim search operations using electronics means

The Casualty Search Specialist with Electronics means has a key role in the rescue team as they are responsible for detecting and locating buried victims after an earthquake. The proposed

training session provides trainees with the latest knowledge of new equipment and current methods of searching for victims.

TARGET AUDIENCE

- USAR team members
- specializing in search operations for buried victims.

OBJECTIVES

• train personnel specialized in the use of electronic search devices in order to locate victims in a timely manner,

 Use tracking devices, sound and image sensors,

Use a victim-location scanner.

PROGRAM

- Theoretical presentation of the principles of searching for victims with electronic devices.
- Complementarity with the dog teams,
- Triangulation principle for locating a victim.
- Advantages and constraints of the devices,
- Practical implementation of equipment,

 Practical cases of searching for one or more victims under rubble.

METHOD:

Duration: 2 days. Number of participants: 10. **Cost:** Personalized cost estimate on request.



Detecting and locating buried victims after an earthquake



Intervention on hazardous materials in usar operation

This course is designed for people who will be involved in dealing with the presence of hazardous materials during a relief operation and the search for victims in a disaster situation. The course will provide participants with procedures and techniques to take measures to reduce the impact of hazardous materials in the area of chemical and radiological risk. The course will also include a section on hazardous material identification, United Nations hazard classes and operational procedures. Participants will also acquire skills in the handling of detection equipment and the analysis of measurements, as well as on decontamination in the field.

TARGET AUDIENCE

• Members of USAR hazardous materials teams,

• Local emergency response teams.

OBJECTIVES

• Train people specialized in the use of detection devices for hazardous materials (chemical or radiological) in order to advise the team leader on the measures to be taken within a short period of time,

• Use the various detection devices in a USAR operations context,

• Know how to take conservation measures,

• Interpretation of measurement results.

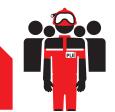
PROGRAM

- Basic knowledge of chemical, radiological and CBRN risks,
- risks encountered in USAR operations,
- The different detection equipment,
- Integrating detection operations into
- a USAR operation,
- Practical cases, conservation measures,
- Know how to report.

METHOD

Duration: 2 days. **Number of participants:** 6. **Cost:** Personalized cost estimate on request.





Identification of hazardous materials, UN risk classes and operational procedures.

Production and distribution of drinking water in disaster situations

The consequences of water scarcity can be felt in various ways: either directly, through problems of dehydration; or because of its health implications (consumption of unsafe water, epidemics); or finally because of violence and conflicts related to access to scarce water resources.

The provision of water to the victims of disasters is therefore a priority for NGOs

OBJECTIVES

• Know the classical processes involved in water treatment to obtain optimum treatment and guarantee water quality in disaster situations.

PROGRAM

- Untreated water characteristics,
- Water quality limits and references, WHO standards,
- Pre-treatments, coagulation, flocculation
- Liquid-solid separation: decanters, filters

and governments intervening on the spot. It is also important for an international relief team to be self-sufficient in terms of water resources so as not to be a burden on the disaster-affected country and to preserve the health of the relief team members.

- Oxidation and disinfection: chlorine and derivatives, ozone, U.V., chlorine dioxide
- Practical implementation and distribution,
- Water quality verification

TARGET AUDIENCE

- Emergency team with a drinking water production unit,
- Local emergency response team,
- Municipal staff,
- Army personnel.

METHOD

Duration: 2 days. **Number of participants:** 8. **Cost:** Personalized cost estimate on request.





To know the classical processes involved in water treatment in order to obtain the optimum treatment and to guarantee the quality of the water.

USAR training (Urban Search and Rescue)

This training is intended for personnel who wish to be trained in Urban Search and Rescue (USAR) operations in the event of a disaster. This course trains participants in techniques for conducting rescue operations. A key element of the training is an evaluation through an exercise with a 24-hour disaster

TARGET AUDIENCE

• USAR teams established and operational (Medium or Light) or in the process of being established.

OBJECTIVES

• Learning retention training for established teams,

• Preparation for INSARAG classification for light or medium teams,

• Development of USAR practices.

PROGRAM

• Different types of collapses -Safety measures, types of construction,

• Occupational safety: PPE, health and hygiene,

• The Base of Operations (BoO),

• Structure evaluation (new INSARAG process): 360° walk-around (123Survey), examples with a UAV,



scenario, during which participants will be required to implement the technical skills acquired.

The different USAR responsibilities (team leader, squad leader, team member) will be exercised during the training but also during the 24-hour exercise.

- The INSARAG marking system,
- Organization of USAR operations: rescue operations, rescue equipment, techniques, lifting and moving loads, concrete cutting,
- Operations of shoring (vertical, horizontal, diagonal), doors and windows,
- Management of the wounded: medical triage, care of the wounded, evacuation techniques,
- Looking for victims buried in the rubble,

• Exercise over 24 hours on an earthquake scenario.

METHOD

Duration: 5 days. **Number of participants:** 12 to 14. **Cost:** Personalized cost estimate on request.



Training for Urban Search and Rescue (USAR) operations in case of disaster.

Fire training and handling of extinguishers

This course is designed to provide participants with the technical knowledge and skills necessary to manage emergencies as an Emergency Response Team (CERT). CERT members, safety managers and staff who are first responders in case of a fire on

TARGET AUDIENCE

- Any audience,
- Members of the local emergency response teams.

OBJECTIVES

- Acquire a general knowledge of fire risk and its consequences,
- To be able to intervene effectively in the event of a disaster while waiting for emergency services to arrive.

their premises are encouraged to take this course. They will also be trained in firefighting and situation assessment. In addition, they will learn how to identify fire risks.

PROGRAM

- Main causes of fire,
- Fire consequences,
- Combustion,
- Fire classes,
- Extinguishing agents,
- The instructions,
- Evacuation,
- Extinguishing drills on live fire.

METHOD

Duration: 1 day. **Number of participants:** 12. **Cost:** Personalized cost estimate on request.



Training in fire-fighting and assessment of the situation. Learn how to identify fire risks.



Training the populations against seismic risk with an earthquake simulator

Based on our experience of international missions following earthquakes, we offer a program to prepare the population for this type of disaster. The simulator is one of the main elements of the course, as it gives children or adults the chance to experience the real sensations of an

TARGET AUDIENCE

- General public,
- Schools, elementary, middle school, high school, students,

• Professionals: employees, rescue and security professionals, researchers.

OBJECTIVES

• Raise awareness to the effects and sensations felt during an earthquake and in particular to the force of the shaking,

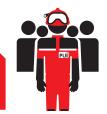
• Facilitate the preventive approach; help people and organizations to better take into account the seismic risk,

• Develop adapted behaviors; survival reflexes, first aid gestures in case of earthquake.

PROGRAM

The session is divided into three parts:

• Information centre for the whole population on disasters, especially earthquakes,



earthquake. Because we believe that it is through involvement in the training that the person will develop the ability to understand the effects of an earthquake and develop the necessary survival techniques.

- Educational path mainly for children with a role playing,
- Practical first aid course in case of disaster.

The training is also based on the creation of a pedagogical workshop that aims to raise awareness of seismic risks, preparedness and first aid among as many people as possible. Initially designed for children and teachers, this training is practical to the population who can learn basic preparation for earthquakes and disasters.

METHOD

Duration: 1 hour per group of 10. **Number of participants:** 10. **Cost:** Personalized cost estimate on request.

Raise awareness among the population to earthquakes, become aware of the risk, its origin and its various manifestations.

Retrospective of 15 years of emergency missions



This exceptional and unique exhibition is dedicated to 15 years of international relief and humanitarian aid missions during natural disasters. We present to the public situations experienced during disasters that have marked the news over the last 15 years. Explanatory panels

TARGET AUDIENCE

• All audiences, families, schools, professional rescuers,

OBJECTIVES

• The original and realistic form of the exhibition with photo and video exhibition, also helps to raise awareness and develop citizenship among different audiences.

The exhibition is completed by a reconstructed collapsed facade, 2.5m x 4m, the rescue and search work of the rescue teams during an earthquake is thus explained and detailed.

explaining the different missions and 22 portraits of people who were in contact with the missions around the world give a human touch to the exhibition while at the same time spreading an educational message.

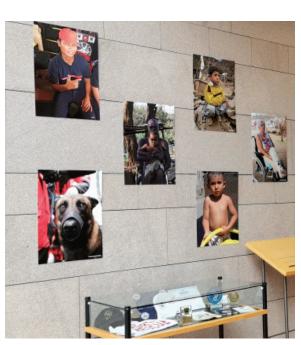
PROGRAM

- Exhibition of 22 portraits format 50x70cm with caption,
- Video of the outstanding missions,
- 12 explanatory panels on major natural disasters,
- 1 collapsed facade realistically reconstructed.

METHOD

The transport, the assembly and dismantling of the exhibition is carried out by us.

Cost: Depending on the location and duration of the exhibition.







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