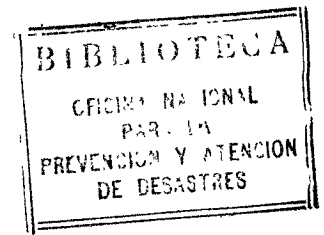




UNDRO



**Répertoire d'Institutions  
de Formation à la Gestion des Catastrophes**  
*(Deuxième édition)*

**Directory of Training Institutions  
for Disaster Management**  
*(Second Edition)*



**VOLUME I**  
**Additif - Addendum**

*Institutions nationales, régionales et internationales  
dispensant un enseignement dans la gestion des catastrophes*

*National, Regional and International Institutions  
Providing Training in Disaster Management*

UNITED NATIONS



NATIONS UNIES



UNDRO

Répertoire d'Institutions  
de Formation à la Gestion des Catastrophes

Directory of Training Institutions  
for Disaster Management

1990

VOLUME I  
Additif - Addendum

UNITED NATIONS



NATIONS UNIES

New York, 1990

## Additif - Addendum

## VOLUME I

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FORMATION A LA GESTION  
DES CATASTROPHES

DISASTER MANAGEMENT  
TRAINING

—  
Additif - Addendum  
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VOLUME I

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*Australie*

*Australia*

AUSTRALIA - University of Sydney

**NAME: Disaster Management Studies Centre**

Established in 1989, the Disaster Management Studies Centre (DMSC) conducts research across a range of theoretical and empirical aspects relating to sociological, psychological, organizational, administrative and health consequences of largescale social crisis impact. DMSC offers a series of teaching programmes leading to either an Associate or Graduate Diploma in Disaster Management. Training programmes providing short in-country courses in South-West Pacific and South-East Asia are to be conducted. DMSC has established an information clearing house facility which will assist the dissemination of disaster relevant material throughout the Asia-Pacific region. DMSC staff are available for consultant work to provide expert advice on crisis/disaster management to governments, emergency services, voluntary and/or professional agencies, and local communities.

ADDRESS: Cumberland College of Health Sciences, University of Sydney  
East Street, P.O. Box 170, LIDCOMBE, Sydney 2141, Australia

Telephone: (61 2) 749-1927 646-6228

Telex: CUMCOL AA123589

Telefax: (61 2) 6464853

CONTACT PERSON(S): Dr Neil R BRITTON, Director

**TYPE OF TRAINING:**

The Diploma Course has three major aims

1. To develop knowledge and understanding of concepts of social crisis and collective stress with particular reference to disaster phenomena,
2. To develop competence in the application of analytical and planning skills, with particular reference to formulating and implementing counter-disaster strategies;
3. To develop knowledge and understanding of the characteristics of the Emergency Social System, with particular reference to organization and management in the disaster context.

DURATION: Associate Diploma in Disaster Management and Graduate Diploma in Disaster Management: two years part-time both.

(Provision for overseas students to undertake course: one year full-time to be considered).

LANGUAGE(S): English

AUSTRALIA - University of Sydney

DISASTER MANAGEMENT STUDIES CENTRE

**BASIC DOCUMENTATION:** Lectures, specific course documentation, research publications including DMSC Impact Assessment Reports, Occasional Papers, and Working Papers. College Handbook available for further information.

**PARTICIPATION:**

Admission requirements (Graduate Diploma):

- (1) Successful completion of undergraduate course at bachelor/diploma level in a relevant field and two years recognized work experience; or
- (2) Completed overseas training and experience deemed by the College to be equivalent to the above or satisfy the Head of Department that applicant possesses some other form of qualification and experience which is of sufficient merit to warrant admission to the programme.

**MISCELLANEOUS:**

1. Associate Diploma of Applied Science (Disaster Management) Programme available in external teaching mode only.
2. Graduate Diploma of Applied Science (Disaster Management) Programme available on-campus and external teaching mode.
3. Master of Applied Science (Behavioural Sciences).

Graduate Diploma to commence 1990.

Associate Diploma and Masters Programme to commence 1991.



BRAZIL - INSTITUTIONS

**NAME: Faculdade de Saúde Pública da Universidade de Sao Paulo  
Departamento de Saúde Ambiental**

The School of Public Health was created in 1918. The first course on Sanitation Management was implemented in 1925. Through its Department of Environmental Health (Departamento de Saúde Ambiental) the School of Public Health, Sao Paulo University, provides long (one year) and short (one week) term courses in the field of emergency sanitation management : water supply, excreta, waste water and solid wastes disposal; rodent and arthropoda control; food, shelter and housing sanitation; and other related matters. The School's professors and technical team have considerable field experience on the subject and have done plenty of consulting work and given personal assistance during disaster (flood) events to other Brazilian States.

ADDRESS: Avenida Dr. Arnaldo, 715, C.E.P. 01255, SAO PAULO - SP, Brazil

Telephone: (00-55-11) 282-3842

CONTACT PERSON(S): Prof. Dr. Diogo PUPPO NOGUEIRA, Head,  
Departamento de Saúde Ambiental

Technical Team :

Prof. Dr. ARLINDO PHILIPPI Junior, Co-ordinator, Environmental Engineering Course

Prof. Dr. Antonio CARLOS ROSSIN, Supervisor

Prof. José ARAÚJO DE OLIVEIRA SANTOS, Supervisor

TYPE OF TRAINING:

- Health and sanitation aspects of disaster preparedness and management
  1. Long-term (basic knowledge)
  2. Short-term (specific knowledge)
- Disaster preparedness and management courses for national and international institutions, such as Ministerio da Habitação e Urbanismo and also the United Nations Development Programme (UNDP) in the country

**BRAZIL - Sao Paulo University**

**FACULDADE DE SAÚDE PÚBLICA DA UNIVERSIDADE DE SAO PAULO**

**DURATION:** One year (basic knowledge), annually offered, and one week (specific knowledge), provided upon request

**LANGUAGE(S):** Portuguese

**PARTICIPATION:** Long-term training is intended for engineers and other professional people. Short-term training is specific for officials and other people involved in civil defence and disaster preparedness and management

**BASIC DOCUMENTATION:** Faculty prospects on Public Health and Environmental Engineering Courses (Basic training for disaster sanitation management). Course Programme (Specific training on basic sanitation management in case of flood occurrence).

**MISCELLANEOUS:** Certificates of Attendance are being delivered.

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*Canada*

*Canada*

CANADA - Alberta Public Safety Services

**NAME: Alberta Public Safety Services Training School**

The Alberta Public Safety Services (APSS) Training School, which was officially opened in June 1986, is considered to be the most modern training facility of its type in Canada. The facility now provides in school training for about 2000 students every year and carries out extension courses all over the Province for a further 4000 students. Recently, the School was re-organized into two branches, a Training Delivery Branch and a Training Development Branch. The overwhelming majority of students who receive training either at the School or on extension courses are Albertans, but recently individuals from other provinces in Canada have attended courses and this trend is expected to increase in the future. The innovative Emergency Public Information Officers Course, which started as a four-day pilot course in May 1989 as part of the School's annual curriculum, emphasizes the importance of working together with the media, to seek their help and co-operation to get accurate information out quickly to the community when disaster strikes. Among training programmes which are being developed in addition to the School's existing curriculum is the on-highway dangerous goods inspectors' refresher course.

ADDRESS: P.O. Box 10000, EDMONTON, Alberta T5J 2P4, Canada  
10320 - 146 Street, EDMONTON, Alberta T5N 3A2, Canada

Telephone: (403) 427-2772  
Telefax: (403) 4277782

CONTACT PERSON(S): Scott BRICKER, Director of Training, APSS Training School  
Grahame BLUNDELL, Director of Communications  
(for the Emergency Public Information Officers Course)

TYPE OF TRAINING:

- The training at the School covers a wide range of courses. There are seminars, workshops and specific training courses designed to meet the needs of the rural and urban municipalities as well as the industrial communities in Alberta.
- The various courses cover everything from minor incidents involving a local municipality to the major emergencies which could require provincial government response.

ALBERTA PUBLIC SAFETY SERVICES TRAINING SCHOOL

The curricula include courses on:

- emergency planning
- response to dangerous goods incidents
- health
- social services
- rescue (a practical five day course trains qualified rescue workers as leaders)
- emergency public information.

Emergency Public Information Officers Course:

intended for public information officers trained to assume responsibility for public affairs at disaster sites (it became part of the Training School's annual curriculum in 1989);

teaching topics such as what the media need to know, how to work with the media and the public, the elements of an emergency public information plan, and how to run a news conference.

**DURATION:** Courses which are conducted at the School, from September to June, vary in length from two to five days. The extension courses vary from one to four evenings.

**LANGUAGE(S):** English.

**PARTICIPATION:** Candidates are nominated by their respective local authorities. Candidates from outside Alberta can attend by special request

**BASIC DOCUMENTATION:** Course materials Of primary importance for the School is the development of the audiovisual aids which supplement the training programmes. INSIGHT, the new publication of the Alberta Public Safety Services (APSS) - first issue in March 1989 - aims to inform readers about current developments concerning topics which relate to the mandate of APSS: to prepare for, respond to and follow up on man-made or natural disasters in Alberta. It is therefore an important tool for training activities.

**MISCELLANEOUS:** Attendance Certificates delivered.

---

*Canada**Canada*

CANADA - Private Sector Corporation

**NAME: Canadian Disaster Resource Centre**

The Canadian Disaster Resource Centre (CDRC) is a Canadian Organization incorporated to support civilian participation related to disaster planning and research. It has been established as a national resource centre for data, personnel and equipment. A major focus is to assemble current literature related to search, rescue and recovery from collapsed buildings - commonly referred to as heavy rescue. It is housed at the Alberta Vocational Centre (AVC), a provincially administered post-secondary institution recognized nationally for its emergency response training programmes. AVC, in Lac La Biche, Alberta, offers modern, up-to-date information processing capabilities using Digital-VAX computers.

ADDRESS: P.O. Box 1557, LAC LA BICHE, Alberta, Canada, TOA 2C0.

Telephone: (403) 623-5551  
Telefax: (403) 623-5639

CONTACT PERSON(S): John BAUMAN, John NICKLIN, Mark HOYE

## TYPE OF TRAINING.

All courses are performance based and consist of theoretical and practical components.

1. Through its affiliation with AVC, CDRC can arrange for:

- Rope rescue training (levels I, II and III)
- Wilderness emergency care training
- Emergency medical attendant training (EMT-A).

2. CDRC also enables access, through its networking system, to:

- Emergency response team training for large industrial sites
- Underground mine rescue training and surface mine rescue training.

DURATION: Ranging from five days to four months

LANGUAGE(S): English

**CANADA - Private Sector Corporation**

**CANADIAN DISASTER RESOURCE CENTRE**

**BASIC DOCUMENTATION:** Information and documentation provided at AVC, Lac La Biche

**PARTICIPATION:** Open to applications from the general public, municipalities and corporations

**MISCELLANEOUS:** Certifications and Diplomas are awarded to students upon successful completion of courses.



2

*Chine*

*China*

CHINA - State Seismological Bureau

**NAME:** Institute of Engineering Mechanics

The Institute of Engineering Mechanics (IEM) was initiated in 1952 and formally established in 1954 under the Academia Sinica. In 1984, the Institute was shifted to the State Seismological Bureau of China. IEM started a Programme on earthquake engineering research as early as 1955, growing up from a small group to the present status according to which most part of the Institute is devoted to earthquake engineering research in full scope, covering strong-motion seismology, seismic risk analysis, ground motion characteristics, structural dynamics, soil dynamics and earthquake resistant structures of various kinds. This Institute is well equipped with experimental facilities, computer systems and a comprehensive library for disaster mitigation research.

**ADDRESS:** 9, Xuefu Road, HARBIN 150080, China

Telephone: 61304  
Telex: 87051 IEM CN  
Telefax: 5504

**CONTACT PERSON(S):** Professor LI-LI XIE, Vice-Director of IEM

**TYPE OF TRAINING:**

Periodical short training courses on earthquake hazard mitigation. By combining seminars with training courses, an exchange of information on the state of the art in the following areas can be achieved:

- Earthquake prediction
- Strong earthquake motion observation
- Seismic hazard analysis and microzonation for cities and engineering sites
- Compilation of seismic zoning map
- Near-field seismology
- Earthquake resistance of building constructions
- Dynamic design of offshore platform and dam
- Earthquake resistance of lifelines
- Soil mechanics and geotechnical earthquake engineering
- Wind disaster and wind resistant engineering.

**DURATION:** Four weeks in the summer, yearly

**LANGUAGE(S):** English, Chinese, Japanese, Korean

**CHINA - State Seismological Bureau**

**INSTITUTE OF ENGINEERING MECHANICS**

**BASIC DOCUMENTATION:** Many kinds of publications written by Chinese authors for training courses are available upon request

**PARTICIPATION:** Engineers and research fellows from countries prone to natural hazards. 20 participants per course, partly from China and partly from South and East Asia. The calibre of the attendants will be set at college graduate with several years experience in engineering practice or research.

**MISCELLANEOUS:** A Certificate of Attendance is delivered at the end of the course.

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*Etats-Unis*

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*U.S.A.*

U S A. - Independent Non-Profit Research and Educational Corporation

**NAME: Industrial Crisis Institute**

**The Industrial Crisis Institute, Inc. (ICI) is a non-profit research and educational organization. Its associates are individuals and organizations from all over the world, concerned about economic, social and cultural problems associated with industrial activities. Its objectives are to conduct theoretical and empirical studies of crises, and to develop practical solutions to crises caused by industrial/technological hazards.**

ADDRESS: 649 East 19th Street, BROOKLYN, New York 11230, USA

Telephone: (718) 859-3435

CONTACT PERSON(S): Paul SHRIVASTAVA, Executive Director

TYPE OF TRAINING:

Crisis seminars and workshops

Preventing and coping with industrial crisis requires innovative corporate policies, new managerial skills, changes in government policies and community action. Custom designed seminars are offered for corporate, government and community groups to help them develop crisis coping capabilities. Seminars focus on assessment of their crisis environment, potential triggering events, crisis processes and crisis management procedures. Custom tailored workshops are designed for training corporate Executives in crisis management techniques.

The Crisis Management Behavioral Simulation (CRIMBS), which is a simulation exercise designed for training managers to develop crisis management, crisis planning, crisis leadership and decision-making skills

Conferences

To establish communications between crisis stakeholders, conferences are organized on industrial crisis issues, which bring together members of academic, corporate, government and non-government organizations to share their perspectives and experiences.

DURATION: Training workshops last one or two days. Conferences last generally two days.

LANGUAGE(S): English

U.S.A. - Independent Non-Profit Research and Educational Corporation

## INDUSTRIAL CRISIS INSTITUTE

**BASIC DOCUMENTATION:** Course materials are available at the Institute. A list of publications describing ICI's studies is available on request.

**PARTICIPATION:** Participation is open to all. Fees vary with the various types of programme.

**MISCELLANEOUS:** Several independent studies of industrial accidents and crises have been conducted and others are in progress. These include the Bhopal disaster, the Chernobyl Nuclear Power Plant accident, the Space Shuttle Challenger explosion and the Tylenol poisonings.





*États-Unis**U.S.A.*

U.S.A. - Voluntary organization

**NAME:** Interchurch Medical Assistance

The Interchurch Medical Assistance, Inc. (IMA) is a non-profit, private voluntary agency for the procurement and distribution of medical and hospital supplies for overseas health care ministries of Protestant churches and relief organizations, which was created in 1961. Its objectives are (1) to solicit in-kind contributions from the pharmaceutical, medical and dental materials supplies industry -- materials appropriate for Third World health care programmes and for disaster relief and inventory replenishment; (2) to facilitate the distribution of such materials and procurement through purchase where necessary of additional, appropriate materials for use in non-profit, humanitarian facilities without regard to any discriminating factor; (3) to supplement medical and nursing and primary health care facilitators training/educational programmes by soliciting and distributing appropriate medical/nursing textbooks solicited from American medical book publishers; and (4) to provide consultation in appropriate health care materials and the management thereof in natural disaster relief and rehabilitation. Many humanitarian NGO's have access to the inventory of medical supplies, especially in times of urgent replenishment of crucial hospital inventories.

ADDRESS. College Avenue, Box 429, NEW WINDSOR, Maryland 21776, USA

Telephone: (301) 635-6474

Telex: 9102508820 IMAINC UQ EasyLink Mailbox 62762435

Telefax: (301) 635-6171

CONTACT PERSON(S): Paul A. McCOMBS MAXEY, Associate Executive Director

## TYPE OF TRAINING.

- Consultation service on appropriate drug and medical supplies for immediate and intermediate release in disasters

Interchurch Medical Assistance, Inc. is the medical materials resource for Church World Service of the National Council of Churches of Christ in the US. Through this service, IMA is in constant contact with CWS's Disaster Relief office and Material Resources Programme immediately following each natural disaster. Materials at hand in its inventory and special acquisitions of recommended materials are constantly reviewed during those early days for appropriateness and management issues.

Similar services are provided to Adventist Development and Relief Agency, International, Lutheran World Relief and Mennonite Central Committee. In addition, these

U.S.A. - Voluntary organization

## INTERCHURCH MEDICAL ASSISTANCE

and several mission boards are called upon to replenish destroyed inventories of some hospitals. During these intermediate, rehabilitation experiences, IMA provides consultation on priorities, appropriateness, as well as sources for intermediate assistance.

- Consultation in appropriate materials for pre-disaster storage.

Executive Director has previous experience as Director of Disaster Response for a significantly large mission board for ten years. Executive Director and Associate Executive Director have both served IMA for 9 years in its materials storage for appropriate response. Associate Executive Director has experience in computer managed inventory control. Offered is direct consultation, based on that experience, in decision making on what can and/or should be stored in certain disaster prone areas and the difficulties in storage without rotation of other materials.

**DURATION:** Offered is direct consultation for the direct time it may take, as half-day to one day. Also offered is on site consultation if deemed appropriate, for what ever time is necessary, but certainly less than a week.

**LANGUAGE(S):** English

**BASIC DOCUMENTATION:** IMA does not produce documentation/course materials, but it does have an inventory of donated medical nursing books produced by the US medical publishing industry which could be surveyed for appropriate texts for such consultations as are offered above.

**PARTICIPATION:** Consultation is offered on a one-to-one basis, especially appropriate for agencies considering disaster relief or assistance.

**MISCELLANEOUS:** IMA is not prepared to offer attendance certificates or diplomas. Senior staff is prepared to provide discussions based on years of experience in disaster response.

*États-Unis**U.S.A.*

U.S.A. - University of Nebraska

**NAME: International Drought Information Center**

The International Drought Information Center (IDIC) has been established at the University of Nebraska in 1988, in recognition to the need for an improved understanding and awareness of the problems associated with drought management. The purpose of the Center is to promote a better understanding of drought through improved communication of information about prediction, monitoring, impact assessment, adjustment and adaptation, and planning and response. The IDIC is an outgrowth of the International Symposium and Workshop on Drought, held at the University of Nebraska in the fall of 1986. One of the main objectives of IDIC is to train persons from developed and developing countries in the science of drought planning and management and the purpose of its seminars to improve the ability of governments in developing countries to plan for and cope with drought.

**ADDRESS:** Department of Agricultural Meteorology, University of Nebraska  
L.W. Chase Hall, LINCOLN, Nebraska 68583-0728, USA

**Telephone:** (402) 472-3679  
**Telex:** UNL Comm I CN 484340  
**Telefax:** (402) 4726338

**CONTACT PERSON(S):** Dr. Donald WILHITE, Director

**TYPE OF TRAINING:**

Training activities are organized in the science of drought planning and management. They consist of regional training seminars planned for Africa, Asia and Latin America. These seminars have the main following objectives:

1. To exchange ideas on the strengths and weaknesses of current drought prediction, monitoring, impact assessment, adjustment, and response efforts
2. To share information and experiences among the participating nations on current national approaches to drought assessment and response
3. To identify research and information that is needed to improve national capability to assess and respond to drought
4. To review national needs for the development of more effective drought mitigation strategies and to promote the formation of these strategies.

U.S.A. - University of Nebraska

INTERNATIONAL DROUGHT INFORMATION CENTER

LANGUAGE(S): According to region(s) concerned

BASIC DOCUMENTATION: Course materials provided by IDIC

The newsletter of IDIC, *Drought Network News*, published in co-operation with the World Climate Programme of the World Meteorological Organization (WMO), provides among other information reports on drought management and planning seminars arranged by IDIC.

PARTICIPATION: Selection of technical experts and policy makers from each region.



*Etats-Unis*

*U.S.A.*

**NAME: International Tsunami Information Center**

The Tsunami Warning System in the Pacific under the auspices of the Intergovernmental Oceanographic Commission (IOC) of UNESCO, is an international co-operative effort involving 24 Member States of the Pacific Region. IOC established in 1968 an International Co-ordination Group for the Tsunami Warning System in the Pacific (ICG/ITSU) which meets every two years. IOC maintains the International Tsunami Information Center (ITIC), which is responsible for monitoring the international tsunami warning activities in the Pacific and for recommending improvements with regard to communications, data networks, data acquisition, and information dissemination; bringing to Member and non-member States information on tsunami warning systems; assisting Member States of ITSU in the establishment of national warning systems and improving preparedness for tsunamis for all nations throughout the Pacific Ocean; and gathering and promulgating knowledge on tsunamis as well as forecasting tsunami research and its application to prevent loss of life and damage to property.

**ADDRESS** Box 50027, HONOLULU, Hawaii 96850-4993, USA

**Telephone:** (808) 541-1658

**Telefax:** (808) 5411678

**CONTACT PERSON(S):** Dr George PARARAS-CARAYANNIS, Director

#### TYPE OF TRAINING

The ITIC Visiting Experts Programme has a short-term training curriculum which includes:

1. A comprehensive coverage of the Tsunami Problem - generation, propagation, terminal effects, state of the art;
2. In-depth familiarization with the operation procedures of the Pacific Tsunami Warning Center in Honolulu;
3. Thorough coverage of the Pacific Tsunami Warning System and of Wave Reporting Procedures;
4. Training in tidal, seismic and communications instrumentation used by the Tsunami Warning System;
5. Training in regional Tsunami Warning Systems;

U.S.A. - Intergovernmental Oceanographic Commission

**INTERNATIONAL TSUNAMI INFORMATION CENTER**

6. Familiarization with disaster prevention measures and emergency procedures used by Civil Defense Agencies;
7. Simulated earthquake and tsunami exercises.
8. Training on hardware automation, computer techniques, software development and risk analysis;
9. Training on post-disaster surveys;
10. Numerical modelling.

DURATION: Training sessions: six weeks yearly; Workshops: every 2-4 years

LANGUAGE(S): English

BASIC DOCUMENTATION: Training materials

PARTICIPATION: Scientists and administrators involved in tsunami disaster mitigation, warning and research

MISCELLANEOUS: Attendance Certificates

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*Etats-Unis**U.S.A.*

U.S.A. - International Emergency Management and Loss Reduction Services

**NAME: The Mitigation Assistance Corporation**

The Mitigation Assistance Corporation (TMAC) provides comprehensive emergency management services to local, regional and national governments preparing for, or recovering from disasters. TMAC specializes in reducing hazard losses by developing, managing and evaluating hazard mitigation systems and programmes. TMAC assists governments in analyzing existing strengths and weaknesses in preparedness, response and recovery capabilities, and co-ordinates improvements to short and long-term loss-reduction programmes. Staff has extensive experience with development of U.S. programmes and through on-site experience on more than 25 disasters.

ADDRESS: P.O. Box 382, BOULDER, Colorado 80306-0382, USA

Telephone: (303) 494-4242 (24 hours)  
 Telefax: (303) 4497100, Attn TMAC @ 494-4242

CONTACT PERSON(S) Clancy PHILIPSBORN, President  
 Nancy STONE, Senior Associate

TYPE OF TRAINING

- Hazard Mitigation (basic to advanced): tools, techniques, identification of opportunities, co-ordination, financing, timing
- Interagency Co-ordination: analysis of existing capabilities, identifying needs, working as effective teams, liability, resource co-ordination
- Disaster Recovery and Response: resource co-ordination, damage assessments, recovery with mitigation, multi-objective planning, financing
- Damage Assessment: managing information for effective and co-ordinated relief, maximizing available assistance, establishing teams, field work
- Exercise Design: developing scenarios, co-ordinating the necessary resources, comparing to real-time, conducting and evaluating, 3 types
- Industrial Floodproofing: calculating floodable areas by building, using warnings effectively, response/stage plans, preparedness actions, recovery and cleaning up, minimizing down-time.

U.S.A. - International Emergency Management and Loss Reduction Services

**THE MITIGATION ASSISTANCE CORPORATION**

**DURATION:** All training is customized and on-site. Courses can be from 1-day to 1-week, and can include exercises, field trips, and other assignments.

**LANGUAGE(S):** Courses developed and conducted in English. Simultaneous translation can be provided.

**BASIC DOCUMENTATION:** Course materials are designed for each class, and include localized disaster and recovery information (statistics, agencies, problem areas). Each participant receives a workbook that includes all necessary worksheets, and copies of visuals used by instructors. TMAC has successfully managed workshops, seminars, courses and developed instructor/student manuals.

**PARTICIPATION:** A key element to successful disaster preparedness, response and recovery is to include the right participants in the available training. TMAC will work with sponsors to identify the candidates, and determine the level of sophistication that is necessary for the proposed training.

TMAC trains students of all levels - introductory to experts.

**MISCELLANEOUS:** TMAC can meet any arrangements as necessary. Past efforts have included damage assessments, co-ordinating all classroom arrangements, and travelling from location to location in order to provide on-site local government training. TMAC uses all format of visual training aids.

Other services have included project management, stand-by response and recovery contracts, video production, historical documentation, research and planning

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*France**France*

FRANCE - Organisation non gouvernementale

**NOM: Compagnie opérationnelle de secours internationaux**

La Compagnie opérationnelle de secours internationaux (COSI) est une association non gouvernementale à but non lucratif et régie par la loi de 1901. Tous les membres du COSI sont des professionnels sélectionnés selon leur spécialité et leur compétence : médecins, chirurgiens, anesthésistes, infirmiers, aides-anesthésistes, plongeurs, maîtres-chiens, sauveteurs en milieux périlleux, sauveteurs déblayeurs, pilotes d'avions et d'hélicoptères ; ils sont tous bénévoles. La vocation humanitaire de la Compagnie est l'assistance aux pays sinistrés. Celle-ci consiste à porter assistance, soins et secours aux victimes de catastrophes naturelles dans le monde.

ADRESSE: Quartier Tartary, B P. 121, F-07203 AUBENAS Cédex, France

Téléphone: 7535-0808

Télécopie: 7593-8288

PERSONNE(S) À CONTACTER: Louis COSTE, Président  
Claire CONSTANT, Vice-Présidente**TYPE DE FORMATION:**

Six grands principes d'intervention sont à la base de la formation dispensée en vue de la réussite des missions à entreprendre.

- Localisation - reconnaissance pour l'évaluation des besoins
- Détection - repérage des victimes
- Déblaiement afin d'atteindre les victimes
- Sauvetage - dégagement des victimes
- Soins
- Evacuation en coordination avec les autorités locales du pays.

Sont dispensées:

**FRANCE - Organisation non gouvernementale**

**COMPAGNIE OPÉRATIONNELLE DE SECOURS INTERNATIONAUX**

- Toutes les formations liées aux opérations de secours
- Toutes les formations cynophiles (chiens de catastrophe)
- La formation de pilotes d'avions et d'hélicoptères.

Le siège social de l'Association fournit toutes les conditions détaillées relatives à ces types de formation.

**DURÉE:** La durée des différentes formations est fonction du type choisi

**LANGUE(S):** Français et anglais

**DOCUMENTATION DE BASE:** Documentation de référence telle que les documents de la Sécurité civile française et les Normes de la Direction générale de l'Aviation civile française (DGAC)

**PARTICIPATION:** Varie selon la formation demandée

**DIVERS:** Diplômes reconnus par les ministères français concernés.



FRANCE - Centre CIRAD pour la Coopération Internationale en Recherche Agronomique

**NOM: PRIFAS - Acridologie opérationnelle/Ecoforce internationale**

Le PRIFAS a été créé en 1975 pour conduire des actions de recherche, de formation, d'information, de surveillance et de lutte antiacridienne dans les pays en voie de développement. Les criquets ravageurs peuvent être considérés dans les périodes de crise comme des catastrophes naturelles mobiles à cause de l'importance des dégâts causés aux cultures et du franchissement rapide des frontières. L'équipe pluridisciplinaire intégrée du PRIFAS est composée d'environ treize experts, deux cadres administratifs et sept agents d'appui techniques qui sont prêts à partir là où c'est nécessaire. Au cours de l'année 1989, cette équipe est intervenue dans tous les pays d'Afrique de l'Ouest et du Nord, au Proche et Moyen-Orient, aux Iles du Cap Vert, à Madagascar, au Brésil, en Indonésie et en Australie.

ADRESSE: PRIFAS / CIRAD-GERDAT, Avenue du Val de Montferrand, B.P. 5035  
F-34032 MONTPELLIER CEDEX 1, France

Téléphone: (33) 6761-5800 6761-5844 (PRIFAS)  
(33) 6761-5844 (Admin. In-PRIFAS)  
Télex: CIRAD 4807621  
Télécopie: (33) 6741-0958

PERSONNE(S) À CONTACTER: Michel LAUNOIS, Responsable du PRIFAS  
Arnaud-Xavier BOURASSET, Directeur des  
Services Administratifs et financiers

TYPE DE FORMATION:

- Formation de chercheurs
  - Niveau Doctorat en Sciences, Post Universitaire
- Formation de décideurs
- Formation d'opérateurs
  - prospecteurs
  - specialistes de la lutte chimique
  - soit à l'occasion de stages organisés à Montpellier

FRANCE - Centre CIRAD pour la Coopération Internationale en Recherche Agronomique

PRIFAS - ACRIDOLOGIE OPÉRATIONNELLE/ECOFORCE INTERNATIONALE

- soit dans les pays demandeurs, en collaboration avec des aides bilatérales ou internationales

Aucun cycle régulier de formation n'est assuré pour l'instant, mais un Master en Acridologie Opérationnelle est en cours d'habilitation (fin 1989).

DURÉE: Les stages les plus courts durent de deux à trois semaines. Les formations de décideurs environ dix-huit mois, et le parrainage de thèmes deux à quatre ans.

LANGUE(S): Français

DOCUMENTATION DE BASE: Un matériel pédagogique est disponible dans le cadre de la formation : manuels, guides, diapos, films, vidéos

PARTICIPATION: Les frais d'études sont à la charge des organismes donateurs de bourses (le PRIFAS n'offre pas de bourses d'études)

DIVERS: Les simples stages donnent lieu à des certificats de participation si l'assiduité est constatée et que les contrôles de connaissance ont donné des résultats satisfaisants. Les diplômes sont dispensés par des structures universitaires avec lesquelles le PRIFAS coopère (Université européenne AGROPOLIS).



*France**France*

FRANCE - Organisation non gouvernementale

**NOM: Vétérinaires sans Frontières**

L'association Vétérinaires sans Frontières (VSF), née en France au début des années quatre-vingt, est une organisation humanitaire et apolitique ayant pour but d'aider le tiers monde en sensibilisant les populations à des techniques d'élevage et de prévention nouvelles. Elle mène des actions prévues tant pour les cas d'urgence que sur le long terme ; elle intervient sur demande et en accord avec les populations locales. Elle est membre de VSF-EUROPA, l'association européenne qui, outre VSF-France, comprend Vétérinaires sans Frontières Belgique et Suisse, Veterinario del Mundo en Espagne, D.I.O.-Hollande, et VETAID-UK au Royaume-Uni. Un certain nombre d'écoles vétérinaires de ces différents pays incluent à leurs programmes d'étude des exposés sur l'action de ces organisations. Dans le cadre de la formation du Centre Européen pour la Médecine de Catastrophes, à Saint-Marin, VSF s'est vu confier la responsabilité d'une formation destinée aux vétérinaires européens qui souhaitent acquérir une compétence en situation de catastrophe. Cette formation toute récente bénéficie de la collaboration du Professeur Mantovani, de la Faculté vétérinaire de l'Université de Bologne.

ADRESSE 12 Rue Mulet, 69001 LYON, France (Siège de VSF)

Téléphone: (33) 7827-7776  
Télex: MINTLX 389000F**Vétérinaires sans Frontières - France**

PERSONNE(S) À CONTACTER: Dr Jean François CAUTAIN

**Faculté Vétérinaire de l'Université de Bologne - Italie**

PERSONNE(S) À CONTACTER: Professeur MANTOVANI

Téléphone: (39) 5127-2933

FRANCE - Organisation non gouvernementale

VÉTÉRINAIRES SANS FRONTIÈRES

TYPE DE FORMATION:

Cours théoriques en séances plénières et en ateliers

- Introduction générale aux catastrophes
- Evaluation
- Problèmes de santé publique vétérinaire
- Problèmes de l'hygiène alimentaire
- Problèmes de l'information
  
- Action vétérinaire lors de :
  1. Tremblements de terre
  2. Inondations
  3. Catastrophes chimiques
  4. Catastrophes radionucléaires
  
- Rôle des organisations internationales et locales, ainsi que des associations de volontaires.

DURÉE: Trois journées au CEMEC, à Saint-Marin. Le premier cours s'est tenu du 15 au 18 novembre 1989.

LANGUE(S): Français.

DOCUMENTATION DE BASE: Pour le matériel de formation et la documentation à utiliser, prière de se renseigner au Secrétariat.

Le Bulletin de Vétérinaires sans Frontières, *HABBAÏNE*, fournit des informations sur les actions menées par VSF dans les pays du Tiers Monde.

PARTICIPATION: Les cours sont ouverts aux vétérinaires, et le nombre de participants limité à trente par session. Les inscriptions peuvent également se faire au Secrétariat du CEMEC, à Saint-Marin (Téléphone : 0541/99 45 35)

DIVERS: Un certificat de participation est remis à la fin du cours.

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*Inde*

*India*

INDIA - Government of Andhra Pradesh

**NAME: Civil Defence and Emergency Relief Training Institute**

The Civil Defence and Emergency Relief Training Institute (CDERTI), which is under the control of Home (SCB) Department, Government of Andhra Pradesh, was established in 1963. It is chartered to set up a nucleus of Civil Defence Instructors' Corps. It imparts training in civil defence and emergency relief to officers drawn from the State Government Departments and such of those keymen in charge of security and production, as are sponsored by the public and private sector undertakings and representatives of social welfare organizations. The training programme envisages steps to be taken in times of war and also in times of other situations such as natural and man-made calamities, which cause immense human suffering.

ADDRESS: Bungalow No. 6-3-345 2, Road No 1, Banjara Hills, HYDERABAD-500034,  
India

Telephone: Office 36593, Residence 221147

CONTACT PERSON(S): M.V. THOMAS, IPS, Director General

**TYPE OF TRAINING:**

Three main categories of training courses in the field of civil defence and disaster relief:

- Instructors' Course: On civil defence and disaster relief covering the subjects civil defence, fire fighting and rescue, first aid and home nursing, use of V.H.F. equipment, map reading, swimming and life saving, and study of security measures in essential service organizations.
- Leadership Course: On civil defence, fire fighting, first aid and home nursing, disaster relief imparted by this Institute and handling of weapons, crowd control, and manning of essential services are imparted under the aegis of Commandant General and Home Guards.
- Flood Rescue and Disaster Management Course: Imparted to the representatives of voluntary organizations covering subjects like civil defence, fire fighting and rescue, disaster management and flood relief.

**INDIA - Government of Andhra Pradesh**

**CIVIL DEFENCE AND EMERGENCY RELIEF TRAINING INSTITUTE**

**DURATION:**

- Instructors' Course - 30 days (full time) Ten courses per year.
- Leadership Course - 21 days (full time). One course per year.
- Flood Rescue and Disaster Management Course - 8 days (full time).  
As per demand.

**LANGUAGE(S):** English

**BASIC DOCUMENTATION:** The Institute library offers a large number of books and other publications on civil defence and related subjects. Cyclostyled training material is issued by the Institute for all courses.

**PARTICIPATION:** For the Instructors' Course, officers from various departments of Andhra Pradesh are sponsored by the Government. For the Leadership Course trainees are nominated by the Director General and Inspector General of Police selecting from Platoon and Section Commanders. For the Flood Rescue and Disaster Management Course, trainees are nominated by voluntary organizations.

**MISCELLANEOUS:** Formal diplomas to all successful trainees are issued by the Institute.

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*Italie**Italy*

ITALY - Coordinating Committee for International Voluntary Service

**NAME: Servizio Volontariato Giovanile Protezione Civile Caserta**

In the framework of the activities of the Coordinating Committee for International Voluntary Service (CCIVS), located in Paris, training programmes in the field of civil protection and disaster management are being promoted at its member organizations' level. The participation of organizations of the Third World (Bangladesh, India, Cape Verde and others) constitutes the main part of CCIVS projects. All these training programmes will be intensified at the worldwide level in the course of the International Decade for Natural Disaster Reduction and a European Task Force for youth and voluntary service organizations for civil protection will be set up in this connexion.

The Servizio Volontariato Giovanile (SVG) della Unità Ausiliaria della Protezione Civile de Caserta, affiliated to CCIVS, is particularly active in such activities and projects and, in addition to its regular training programmes at local and regional level, it organizes international meetings and training courses in these fields.

**Coordinating Committee for International Voluntary Service (France):**

(Comite de Coordination du Service Volontaire International, Comite Coordinador del Servicio Voluntario Internacional)

ADDRESS: CCIVS - UNESCO, 1 rue Miollis, F-75015 PARIS, France

Telephone: (331) 4568-2731 2732  
Telex: UNESC 203361F  
Cables: WORKCAMP5 UNESCO

CONTACT PERSON(S): Alexei KROUGLOV, Director

**Servizio Volontariato Giovanile Caserta (Italy):**

ADDRESS: SVG CASERTA, P.O. Box 22, 8-10 Piazza Vanvitelli, I-81100 CASERTA, Italy

Telephone: (823) 327684, 322518, 326622  
Telex: 722370 PP CE I  
Telefax: (823) 327670

ITALY - Coordinating Committee for International Voluntary Service

SERVIZIO VOLONTARIATO GIOVANILE PROTEZIONE CIVILE CASERTA

CONTACT PERSON(S): Cav. R. FORLANI, Head. Arch. G. NOCERA,  
Ing. D. D'AMICO, Dott. P. PARISELLA, Sig. L. SIANO

TYPE OF TRAINING:

- Training courses in the field of disaster management, covering human and natural hazards, and taking place in Caserta at the *Centro Addestramento Volontari Protezione Civile*, include:
  - civil protection
  - emergency management (+ know-how for survival)
  - disaster prediction and prevention
  - reconstruction
  - health, social, technological, logistical and cultural aspects
- Training courses on problems linked with environmental protection
- Activities also include restoration of cultural heritage and research of historical heritage.

DURATION: Training sessions organized quarterly

LANGUAGE(S): English, Italian

BASIC DOCUMENTATION: Course materials

PARTICIPATION: Intended for young workers and third level students, participants should be 18 years old (minimum). They are hosted free of any charge on behalf of the Regional Government of Campania.

Due to recent agreements with the CCIVS - the Central coordinating body for civil preparedness starting 1990 - foreign candidates coming from the Mediterranean region as well as from the Third World can be admitted on behalf of the CCIVS-UNESCO

MISCELLANEOUS: Attendance Certificates delivered on behalf of the Municipality of Caserta. Visits to SVG can be arranged upon request.

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*Japan*

*Japan*

JAPAN - Juridical Foundation

**NAME: Central Research Institute of Electric Power Industry**

**The Central Research Institute of Electric Power Industry (CRIEPI) was established in 1951 as a comprehensive research organization for the electric utility industry of Japan. Since many years, CRIEPI has been performing research activity in various fields; among them aseismic design of a structure and observation of the waves are death with.**

**ADDRESS: 1-6-1 Ohtemachi, Chiyoda-ku, TOKYO 100, Japan**

**Telephone: (03) 201-6601**

**Telex: CRIEPI J28517**

**Telefax: (03) 2872841**

**CONTACT PERSON(S) Akio SAKURAI, Director, Planning Section**

**TYPE OF TRAINING:**

1. Aseismic design of the electric facilities
2. Observation of an earthquake
3. Stability of an embankment
4. Observation of waves
5. Design of coastal structure

**DURATION Any time**

**LANGUAGE(S): Japanese or English**

**BASIC DOCUMENTATION: Various kinds of information and data in the field of seismic, hydraulic science and technology are collected, arranged and analyzed.**

**JAPAN - Juridical Foundation**

**CENTRAL RESEARCH INSTITUTE OF ELECTRIC POWER INDUSTRY**

**PARTICIPATION:** Post graduate students and research fellows from abroad in the field of seismic, hydraulic science and technology can be accepted.



*Kenya**Kenya*

KENYA - Non-Governmental Organization

**NAME:** African NGOs Environment Network

The African NGOs Environment Network (ANEN) is an African network of indigenous Environment and Development NGOs and grassroots community groups, founded in 1982 by representatives of African NGOs from nine African nations. The principal objectives of ANEN's Programme of Action are to strengthen the capacity and technical competence of African Environmental NGOs and to respond to the specific grassroots community needs aimed at enhancing the environmental quality and meeting their basic needs. Its Technical Assistance Programme includes training and management workshops for the design, implementation, monitoring and management of environment and development projects, of which disaster prevention and mitigation is an important component.

**ADDRESS:** Red Cross House, 2nd Floor, St. Johns Parliament Road,  
P.O. Box 53844, NAIROBI, Kenya

**Telephone:** (+ 2542) 28138

**Telex:** 25331 ANEN KE

**Telefax:** (+ 2542) 335108

**CONTACT PERSON(S):** Simon MUCHIRU, Executive Director

**TYPE OF TRAINING:**

Training activities relating to environment and development, including problems connected with disaster prevention and mitigation:

- Workshops at national and regional levels
- In-country training seminars.

**DURATION:** Workshops have a duration of five days

**LANGUAGE(S):** English and French

**BASIC DOCUMENTATION:** ANEN's training and educational materials. A documentation unit specializing on Africa's environment and development issues contains extensive information on African NGO activities. This documentation includes NGO periodicals, NGO data, books and reports and is available from ANEN's Environmental Resource Centre.

**KENYA - Non-Governmental Organization**

**AFRICAN NGOS ENVIRONMENT NETWORK**

**PARTICIPATION:** African NGO representatives and grassroots community groups

In the implementation of international programmes, ANEN ensures that the concerns of grassroots communities, especially women and youth, and consequently their participation in all training activities, are taken into account.

**MISCELLANEOUS:** ANEN has working relationship with the United Nations Environment Programme (UNEP) and the African Ministerial Conference on the Environment (AMCEN).

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Fire Authority

United Kingdom

UNITED KINGDOM - Fire Authority

**NAME: Grampian Fire Brigade Industrial Training Centre**

The Training Centre is managed by Fire Authority created late 1970's to provide training for oil industry in firefighting. During 1988 the Grampian Fire Brigade had ample opportunity to gain practical knowledge of disaster management techniques having been involved in such incidents as Piper Alpha, Ocean Odyssey and the Lockerbie Air Disaster.

ADDRESS: Industrial Training Centre, Brigade Headquarters, 19 North Anderson Drive,  
ABERDEEN AB9 2TP, Scotland, United Kingdom

Telephone: (0224) 696666 Home (0771) 24213

Telex: 739277 GRI.GCO G

Telefax: (0224) 692224

CONTACT PERSON(S): Stewart NAPIER, Course Director  
Andy MORRISON, Marketing Manager

**TYPE OF TRAINING:**

Disaster Planning and Management

- Intended for: Senior management of local authorities, industries and protective services
- Aiming at: Creating awareness of the essential features of disaster management
- Terminal objectives:
  1. Pre-Planning
  2. Liaison Duties (press, welfare, equipment, communications, transport)
  3. Resource Management
  4. Command and Control
  5. Deployment Considerations
  6. Mutual Aid Schemes
  7. Emergency Services Responsibilities
  8. Local Authority Response

**UNITED KINGDOM - Fire Authority**

**GRAMPIAN FIRE BRIGADE INDUSTRIAL TRAINING CENTRE**

9. After Care and Stress Counselling

10. Training and Exercising.

Several fire safety and security training courses, such as offshore basic fire course (4 days), fire leaders course (4 days), basic firefighting (1 day), marine firefighting (2 or 4 days), communications (general), fire equipment maintenance, gas detection (1/2 day), etc.

Additional specialized courses available on request.

**DURATION:** Disaster planning and management course : one day

**LANGUAGE(S):** English

**BASIC DOCUMENTATION:** Specialized course materials

**PARTICIPATION:** According to type of course

**MISCELLANEOUS:** Certificates issued on completion.





*Royaume-Uni**United Kingdom*

UNITED KINGDOM - Voluntary Organization

**NAME: International Rescue Corps**

The International Rescue Corps (IRC) which has been established in 1980 and is a founder member of the 'Fontmell Group', is a voluntary search and rescue (SAR) organization drawing its operational members from all walks of life and the United Kingdom Emergency Services. It has been organized to perform search and rescue, co-ordination and allied active assignment roles at large disasters (natural and man-made) occurring outside the United Kingdom, within short notification. The Corps has the skill and logistic ability to deploy very rapidly to a disaster area anywhere in the world. Its services are offered to the stricken nation on a "no cost whatever" basis. It has proven record of its ability to work in any climate or hazardous situation and has received recognition from disaster-stricken governmental authorities for its work in the field.

ADDRESS: 140 Oxford Road, MARLOW-ON-THAMES, Buckinghamshire, SL7 2NT England

Telephone: (0628) 890900  
Telex: 847766 IRC UK G

(Corps Mission Control is not manned under normal circumstances, but, during a mission, Headquarters is manned on a 24-hour basis).

CONTACT PERSON(S): Terry PRICE, Corps Commander

## TYPE OF TRAINING:

- In-house training
  - Provided by the Corps, both regionally and nationally. (IRC is not geared to offering its training facilities to outside organizations, as it does not have any full time or paid officials. It is however prepared to discuss any possibility).
  - All team members are trained to a very high standard in all aspects of search and rescue (SAR)/co-ordination. They benefit from continual training in these respects.
  - Training is geared to retain a high level of individuality within a team structure, thereby giving great flexibility and team ability to adapt to any challenge encountered in any disaster situation. Training is modified to reinforce all lessons learned from previous missions undertaken by the Corps.
- Lectures given to disaster preparedness and management courses (organized by other bodies).

**UNITED KINGDOM - Voluntary Organization**

**INTERNATIONAL RESCUE CORPS**

**DURATION:** Courses vary from one day special subject courses to seven day courses incorporating practical exercises. For instance: One day induction course incorporating structure of the Corps and commitment expected of potential members; Weekend team and equipment training incorporating total self sufficiency training in the field; National group/team training with individual assessment of those being considered for operational status.

**LANGUAGE(S):** English, with some Spanish and French

**PARTICIPATION:** Due to its total voluntary nature, the Corps conducts training for its own members, but would be prepared to accept small contingent to be incorporated in its training by prior arrangement

**BASIC DOCUMENTATION:** Course materials provided by IRC.

All specialist equipment provided to Corps members. Course materials of a specialist nature (radio, etc.) also provided.

Attendees are expected to provide own personal gear where required.

**MISCELLANEOUS:** The Corps does not provide or award any certificate or diploma.



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*Royaume-Uni*

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*United Kingdom*

UNITED KINGDOM - Middlesex Polytechnic

**NAME: Middlesex Polytechnic Flood Hazard Research Centre**

The Research Centre was initiated in 1970 and has been concerned with the economic and social impacts that floods cause. The Centre now has a staff of fifteen and has produced several manuals of assessment techniques in areas of flooding, pollution and dam safety. Furthermore, the Centre has produced over 150 publications and is involved in collaborative research with Australia, Bangladesh and India.

ADDRESS: Queensway, ENFIELD, Middlesex EN3 4SF, United Kingdom

Telephone: (01) 368-1299  
Telex: 8954762MIDPOL G  
Telefax: (01) 8050702

CONTACT PERSON(S): Professor Edmund PENNING-ROUSELL

## TYPE OF TRAINING:

- Assessment of the impacts of natural disasters
- Economic analysis of disaster prevention investment
- Emergency planning
- Environment impact analysis.

## DURATION:

1. Training Course - one week each February
2. Research Training - minimum stay 6 weeks

LANGUAGE(S): English

BASIC DOCUMENTATION: Course manual (available on demand).

UNITED KINGDOM - Middlesex Polytechnic

MIDDLESEX POLYTECHNIC FLOOD HAZARD RESEARCH CENTRE

PARTICIPATION: On a fee paying basis  
(No internal grants are available).

MISCELLANEOUS: Attendance Certificates.

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*Royaume-Uni*

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*United Kingdom*

UNITED KINGDOM - South Manchester Health Authority

**NAME: South Manchester Accident Rescue Team**

The South Manchester Accident Rescue Team (SMART) was formed to deliver expert medical aid to the scene of an accident. It has three main functions: (1) on-site medical care; (2) interhospital transfer of critically ill and injured patients; and (3) provision of a site medical officer and team to the scene of a disaster. The Team is based on senior doctors and nurses. The Team has joint training sessions with local ambulance, police and fire authorities. It trains its own members but also participates in educational activities within the University of Manchester Medical School and throughout the United Kingdom. The Team is part of the British Association of Immediate Care Schemes (BASICS) and is partly funded by the South Manchester Health Authority and charitable donations. The staff are National Health Service employees, but give their time to the Rescue Team as an extra voluntary duty. The members of the Team are actively involved in the UK initiative to establish a disaster co-ordination centre to facilitate the co-ordination of rescue facilities throughout the UK and to assist in sending medical teams and rescue workers abroad.

ADDRESS: University Hospital of South Manchester  
West Didsbury, MANCHESTER M20 8LR, United Kingdom

Telephone: (061) 445-8111  
Telefax: (061) 9736276

CONTACT PERSON(S): Dr. Anthony D. REDMOND, Director of SMART

**TYPE OF TRAINING:**

- Field exercises for site medical officers and triage teams
- Combined field training with police, fire and ambulance staff
- Medical training in resuscitation and on-site medical care
- Special training in the management of the critically ill and injured during transport.

DURATION: Personal attachments to the Team range from one week to several months. One day a month training sessions for Team members and invited participants.

LANGUAGE(S): English

BASIC DOCUMENTATION: Rescue Team Protocols. Access to extensive literature base. Intensive care and resuscitation protocols. Access to rescue Team log and diary.

UNITED KINGDOM - South Manchester Health Authority

SOUTH MANCHESTER ACCIDENT RESCUE TEAM

**PARTICIPATION:** There are no charges for participation and help with accommodation can be arranged.

**MISCELLANEOUS:** SMART provides a unique combination of very senior medical and nursing staff experienced in out-of-hospital work who believe that you will not manage disasters well medically unless you are already managing major accidents well. You will not manage major accidents well unless you are managing everyday serious injury to individual patients to the best of your ability. The Team recognizes the special needs of patients outside of the hospital and the need for training doctors in these special skills.

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