

Total number of Deaths by only Storm & Flood Disasters in the Asian Countries in 2001-2010

Country	Flood	Storm	Total	Country	Flood	Storm	Total
Afghanistan	1,310	331	1,641	Lao P Dem Rep	33	16	49
Armenia	1	0	1	Lebanon	0	0	0
Azerbaijan	3	0	3	Malaysia	112	3	115
Bangladesh	2,419	5,611	8,030	Maldives	0	0	0
Bhutan	200	12	212	Mongolia	41	94	135
Cambodia	463	19	482	Myanmar	102	138,681	138,783
China P Rep	7,692	3,319	11,011	Nepal	1,215	0	1,215
Cyprus	0	0	0	Oman	0	129	129
Georgia	1	0	1	Pakistan	4,378	392	4,770
Hong Kong (China)	0	7	7	Palestine (West Bank)	0	0	0
India	14,301	1,273	15,574	Philippines	559	7,353	7,912
Indonesia	3,201	4	3,205	Saudi Arabia	284	0	284
Iran Islam Rep	744	43	787	Sri Lanka	390	14	404
Iraq	26	0	26	Syrian Arab Rep	6	32	38
Israel	2	3	5	Taiwan (China)	19	1,144	1,163
Japan	123	534	657	Tajikistan	164	0	164
Jordan	0	14	14	Thailand	1,226	27	1,253
Kazakhstan	45	0	45	Timor-Leste	5	0	5
Korea Dem P Rep	1,229	69	1,298	Turkey	208	39	247
Korea Rep	198	435	633	Uzbekistan	0	0	0
Kyrgyzstan	3	4	7	Viet Nam	2,186	1,354	3,540
				Yemen	358	30	388
Total	43,247	160,986	204,233				

Source: "EM-DAT: The OFDA/CRED International Disaster Database

What goes wrong, when an Aquatic Disaster Happens?

- Affected / marooned do not have the knowledge and expertise to react to what's happening
- The local administration do not have the knowledge or resources to act quickly
- The first **12 "Golden Hours"** of an ongoing Disaster is lost, when most deaths happen
- Agencies in most countries are divided into:
 - Relief Agencies,
 - AND
 - Rescue Agencies
 - ➔ When it should have been **"RELIEF & RESCUE TOGETHER"**
- Most countries do not have enough trained personnel, proper equipments or enough equipments to carry-out "Relief & Rescue Operations"

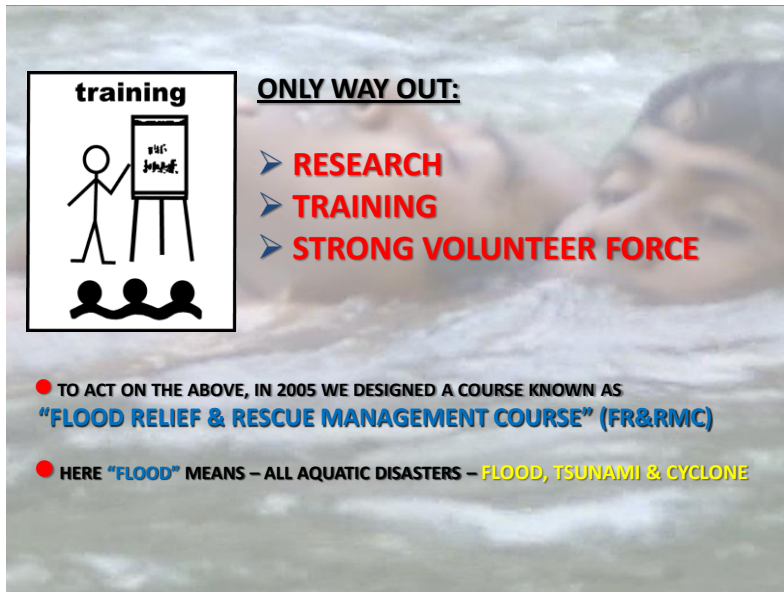


What goes wrong, when a Disaster Happens?


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- Countries may be having enough equipments but do not have trained manpower to handle such equipments or expertise to operate under such circumstances
- Most countries have not developed their Protocols to work in such conditions and thus resulting in unsynchronized work, which helps a little
- International Disaster warning systems are in place with quick dissemination of information to the country top brass, but due to poor practices those information do not reach the grass root administrative level in time, resulting in deaths & injury in the initial stages of the disaster
- There are hardly any knowledge to **MANAGE** Relief & Rescue during an ongoing Disaster resulting in utter chaos





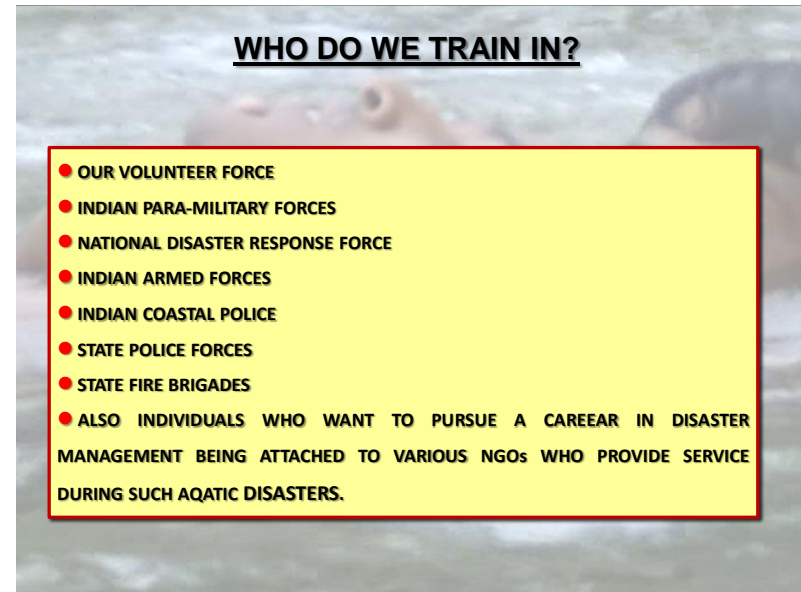
training



ONLY WAY OUT:

- **RESEARCH**
- **TRAINING**
- **STRONG VOLUNTEER FORCE**

- TO ACT ON THE ABOVE, IN 2005 WE DESIGNED A COURSE KNOWN AS **"FLOOD RELIEF & RESCUE MANAGEMENT COURSE" (FR&M)**
- HERE **"FLOOD"** MEANS – ALL AQUATIC DISASTERS – **FLOOD, TSUNAMI & CYCLONE**



WHO DO WE TRAIN IN?

- OUR VOLUNTEER FORCE
- INDIAN PARA-MILITARY FORCES
- NATIONAL DISASTER RESPONSE FORCE
- INDIAN ARMED FORCES
- INDIAN COASTAL POLICE
- STATE POLICE FORCES
- STATE FIRE BRIGADES
- ALSO INDIVIDUALS WHO WANT TO PURSUE A CAREER IN DISASTER MANAGEMENT BEING ATTACHED TO VARIOUS NGOs WHO PROVIDE SERVICE DURING SUCH AQUATIC DISASTERS.

USP OF THE COURSE

**TRANSFER OF KNOWLEDGE
FROM THE KNOWLEDGEABLE**

Less of
**THEORITICAL
KNOWLEDGE**



More of
**PRACTICAL
KNOWLEDGE**

WHAT DO WE TRAIN FLOOD RELIEF & RESCUE MANAGEMENT COURSE

AREAS COVERED :

- ◆ DEVELOPMENT OF FLOOD SITUATION BASED SWIMMING SKILLS (FLOWING WATER CONDITIONS)
- ◆ LIFE SAVING
- ◆ SEARCH, RESCUE & RETRIEVAL UNDER:
 - ◆ MURKY WATER CONDITION
 - ◆ NIGHT TIME SCENARIO
- ◆ MUD SLITHERING / MUD WALKING / MUD WALL RAPELLING – WITH & WITHOUT EQUIPMENTS
- ◆ HUMAN FIRST AID & C.P.R. IN FLOOD RELATED SITUATION
- ◆ VETERINARY FIRST AID & CARE
- ◆ SNAKE & ANIMAL HANDLING
- ◆ KNOWLEDGE OF TERRAIN & FLOOD
- ◆ PUBLIC RELATION & MASS MANAGEMENT
- ◆ DISTRIBUTION & MANAGEMENT OF RELIEF MATERIALS, SETTING UP OF RELIEF CAMP
- ◆ SEQUENTIAL KNOWLEDGE OF WORK
- ◆ EQUIPMENT HANDLING – IRB, FRP, OBM, SCUBA & OTHER BAR EQUIPMENTS

EQUIPMENT REGISTER OF THE TRAINING

- FIBRE GLASS RESCUE BOAT 6 TO 8 PERSON CAPACITY
- INFLATABLE RESCUE BOAT 6 TO 8 PERSON CAPACITY
- OUT BOARD MOTOR 25 HP / 40 HP
- SCUBA DIVING GEAR / DIVING SUIT
- UNDER WATER TORCH
- 2.5 KVA PORTABLE GENERATOR SET
- HIGH POWERED BATTERY OPERATED SEARCH LIGHT FOR NIGHT SAR OPERATION
- COLLAPSIBLE 4 MEN TENTS
- COLLAPSIBLE 8 MEN TENT
- FLARE GUN / FLARE
- FIBRE GLASS FOLDING STRETCHER
- NEILSON STRETCHER
- BINOCULAR (200X)
- LIFE BUOY OTHER BUOYANT AID
- PFD / LIFE JACKET
- WIRELESS SET OF 4, 2 Km RADIUS
- CLEARANCE EQUIPMENTS – CUTTING SAW, SHOVELS, AXE, ETC.
- SAFETY HELMETS, HARNESS, CLIMBING ROPES, PULLEYS, ETC.
- FIRST AID KIT

OTHER COURSE DETAILS

Course —	Course consists of Practical and Lectures
Duration —	21 days (full time) 8AM to 4 PM
Medium of Training —	As required
Number of Trainees —	Minimum 30 heads per batch
Training Requirements - one Classroom	Natural water body / Flowing water (River) nearby,
Accommodation -	Day Boarding / Residential

QUALIFICATION FOR THE COURSE

- **EDUCATION :** AT LEAST SECONDARY LEVEL
- **AGE :** PREFERABLY 15 TO 35 YRS.
- **SWIMMING :** MUST KNOW THE BASICS OF SWIMMING.
- **HEALTH :** SHOULD PRODUCE MEDICALLY FIT CERTIFICATE TO UNDERGO RIGEROUS TRAINING

WHY ILS SHOULD GET INVOLVED IN DISASTER MANAGEMENT

- BEING A LIFE SAVING FEDERATION, ITS MEMBER CAN NOT JUST SIT AND WATCH WHEN A DISASTER IS HAPPENING
- MOST OF THE INTERNATIONAL OR EVEN NATIONAL NGOs PROVIDES ONLY RELIEF SERVICE DURING SUCH SITUATIONS. BUT "RELIEF & RESCUE" BOTH ARE REQUIRED UNDER SUCH CIRCUMSTANCES.
- ILS HAS THE INFRASTRUCTURE TO COLLECT DATA FROM VARIOUS COUNTRIES OF PAST DISASTERS IN A SUSTAINED MANNER – WORK ON SUCH DATA – COME OUT WITH SPECIFIC NEEDS OF THAT PARTICULAR REGION OR COUNTRY
- WILL HELP IN RAISING A HUGE TRAINED VOLUNTEER FORCE TO BE MOBILIZED DURING NEED OF THAT PARTICULAR COUNTRY OR ANY NEIGHBOURING COUNTRY OR ANY COUNTRY UNDER THE SAME REGION
- THIS WORK IN ACTUAL SCENARIO WILL BRING IN MORE PRACTICAL KNOWLEDGE WHICH WILL FURTHER ENRICH TRAININGS, SINCE NO TWO DISASTERS ARE THE SAME
- STANDARD OPERATING PROCEDURES ARE A MUST AND REQUIRES A LOT OF POOLING OF EXPERIENCE BASED DATA AND RESEARCH. THIS SOPs UNTIL DEVELOPED BY ILS IS NOT POSSIBLE FOR ANY INDIVIDUAL ORGANISATION IN A COUNTRY TO DEVELOP IT .
- VISIBILITY OF ILS WORK FORCE WILL BRING IN MORE CREDIBILITY TO THE ORGANISATION AND HELP IN BRINGING THE ORGANISATION CLOSURE TO PEOPLE'S HEART. WHICH WILL HELP FURTHER IN OUR BASIC OBJECTIVE OF TRAINING MORE PEOPLE

HOW ILS SHOULD GET INVOLVED IN DISASTER MANAGEMENT

- FORMATION OF "ILS DISASTER TRAINING & RESEARCH COMMITTEE" WITH MEMBERS HAVING PRACTICAL KNOWLEDGE OF WORKING IN AQUATIC DISASTERS
- COMMITTEE TO WORK AS FOLLOWS:
 - ❖ IDENTIFY MOST VULNERABLE ZONES BASED ON DATA AVAILABLE FROM SUITABLE / CREDIBLE SOURCES
 - ❖ DIVIDE IT INTO VARIOUS ZONES OF WORK
 - ❖ DEVELOP STANDARD OPERATING PROCEDURES OR MANUALS FOR THOSE ZONES
 - ❖ DEVELOP STANDARD TRAINING PROGRAMMES FOR THOSE COUNTRIES IN THOSE ZONES
 - ❖ DEVELOP TRAIN THE TRAINER PROGRAMMES
 - ❖ START TRAINING PROGRAMMES IN THOSE COUNTRIES / REGIONS
- FORMATION OF "ILS REGIONAL DISASTER PREPAREDNESS HUBS" BASED ON RESEARCH OF THE ABOVE RESEARCH COMMITTEE
- EQUIP THOSE HUBS WITH:
 - ❖ POOL OF RESCUE EQUIPMENTS FOR ACCESS TO ANY BODY IN THAT REGION
 - ❖ BASIC RELIEF MATERIALS PERTINENT TO THAT REGION
- ILS TO ESTABLISH A COMMUNICATION CHANNEL BETWEEN:
 - ❖ HQs TO HUBS
 - ❖ COUNTRY HEADS TO HUBS
 - ❖ HQs TO COUNTRY HEADS
- ILS SHOULD ENSURE THAT ALL POSSIBLE HELP REACHES THE PLACE WHERE IT IS MOST REQUIRED

