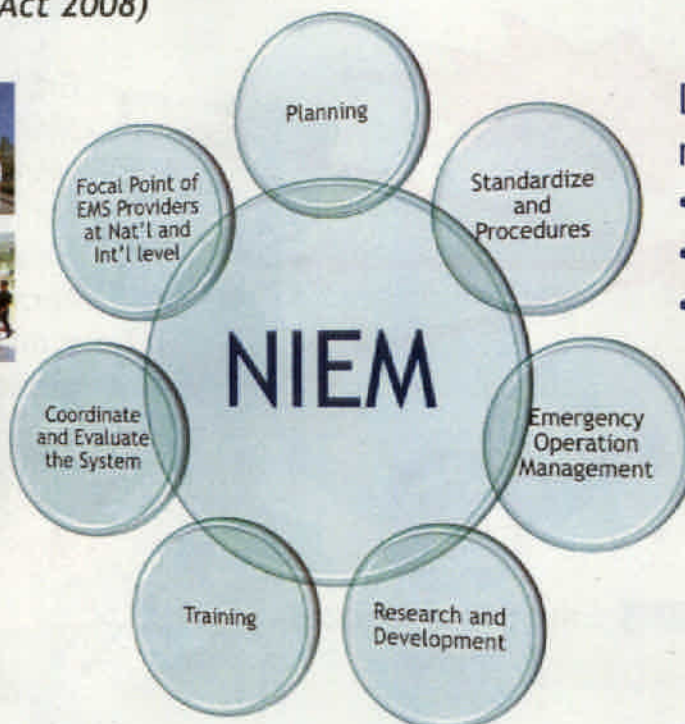


Disaster/Emergency Medicine in Disaster Management in Thailand



**Ms. Srisaran Dhiradhamrong,
Senior Advisor on
Disaster Management and
Humanitarian Assistance
National Institute for Emergency Medicine
of Thailand (NIEM)**

NIEM's Mandatory Roles and Responsibilities (per EMS Act 2008)

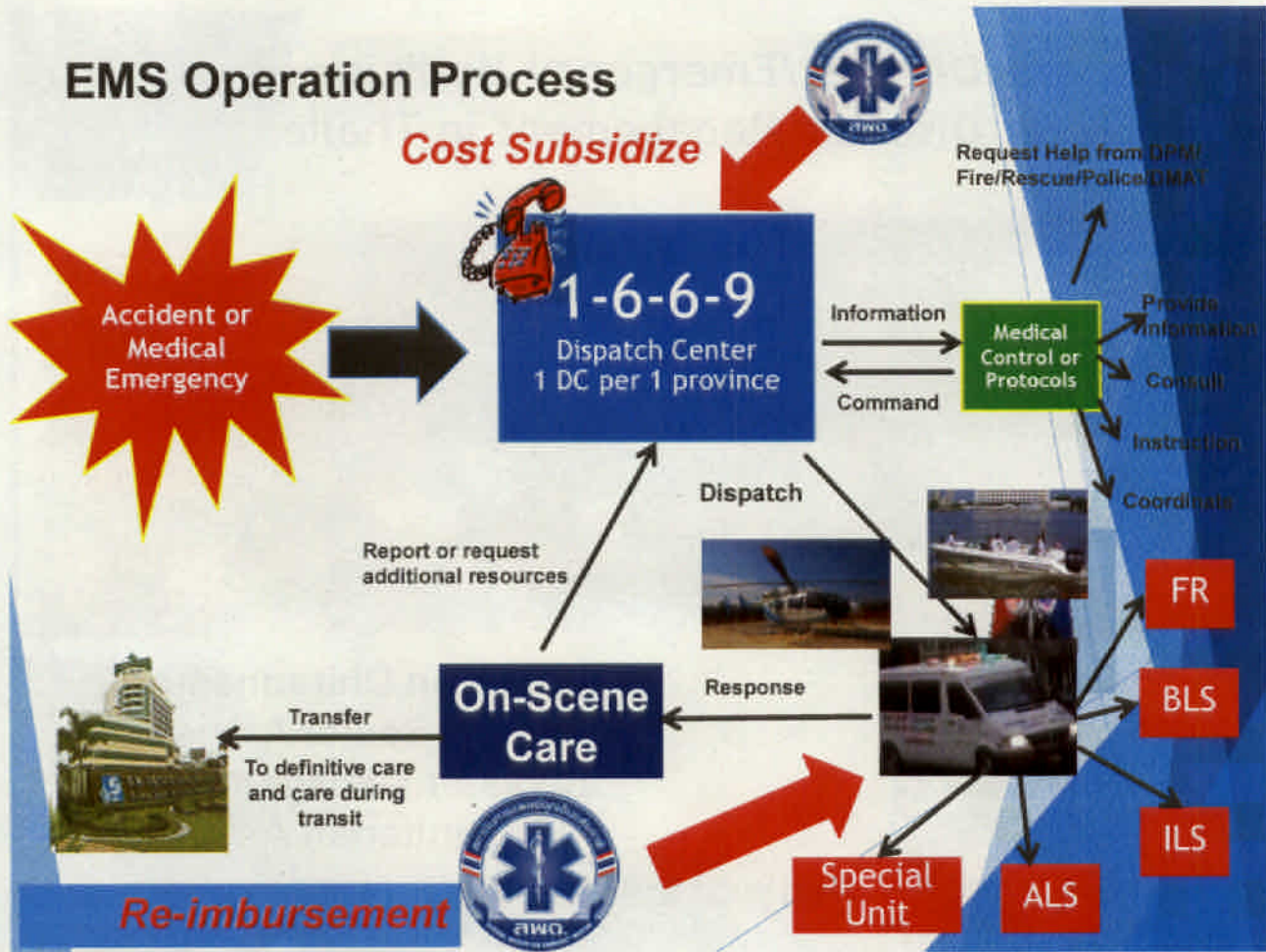


Declare standards relating to EMS.

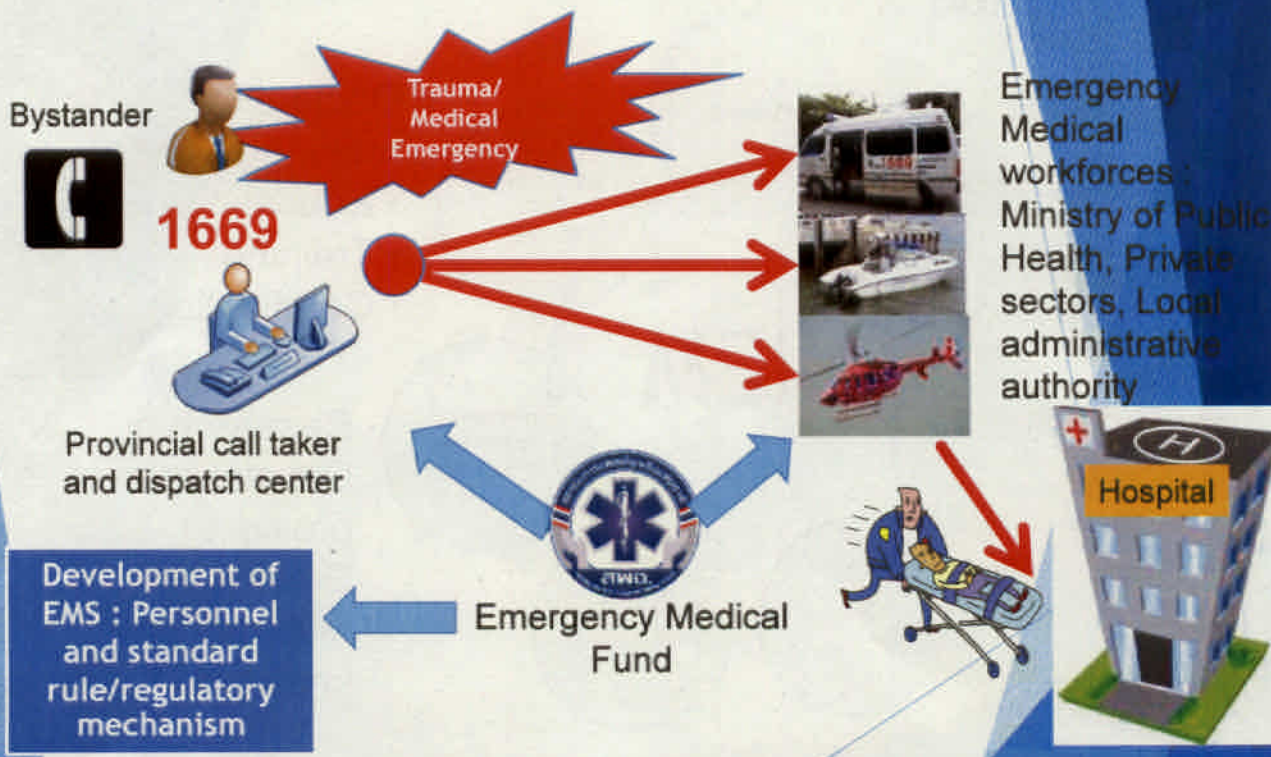
- Education
- Training
- Certification

Research and Development, providing Emergency Medical knowledge

EMS Operation Process



Emergency Medical System





Capacity Building and Maintaining Standard

- ▶ The certification of training
- ▶ Curriculum development
- ▶ The accreditation of organizations' emergency response capabilities



Preparedness

NIEM plays an important role as the **coordination center** on Disaster Management with public and private agencies locally and abroad, operating the emergency medical response including land, water and air medical operators units.



The Memorandum of Understandings (MOUs) were signed among several stakeholders.



สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine

www.niem.go.th
เว็บไซต์ฉุกเฉิน 1669

Bilateral and Multilateral trainings and Exercises

Royal Thai Army



NIEM

Royal Thai Air Force



Royal Thai Navy



National Institute for Emergency Medicine



สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine

www.niem.go.th
เว็บไซต์ฉุกเฉิน 1669

International Collaboration

- ▶ SAMU des-Hauts-de-Seine of France
- ▶ Karlstad University, Sweden
- ▶ Asian Disaster Preparedness Center (ADPC)
- ▶ World Health Organization (WHO)
- ▶ APEC Research Center for Typhoon and Society (ACTS)
- ▶ South East Coast Ambulance Service NHS Foundation Trust, United Kingdom
- ▶ Nippon Medical School (NMS), Japan

ASSISTANCE PUBLIQUE HÔPITAUX DE PARIS



adpc

World Health Organization

ACTS



NHS



National Institute for Emergency Medicine



สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine



www.nem.go.th
เจ็บป่วยฉุกเฉิน โทร 1669

Thai - Cambodia



National Institute for Emergency Medicine



สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine



www.nem.go.th
เจ็บป่วยฉุกเฉิน โทร 1669

Training and Exercises with ASEAN and Allied Countries



National Institute for Emergency Medicine



สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine



ASEAN Regional Forum Disaster Relief Exercise (ARF DiREx 2013)



National Institute for Emergency Medicine



สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine



ASEAN Humanitarian Assistance and Disaster Relief Exercise (AHEx 2014)



National Institute for Emergency Medicine



สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine



ASEAN Regional Forum Disaster Relief Exercise (ARF DiREx 2015) will be organized in May in Malaysia.

National Institute for Emergency Medicine



สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine



Emergency Response



NIEM's Emergency Medical Coordination Center for Disaster has the following roles:

- To develop and integrate the emergency medicine on disaster management.
 - To coordinate and create networks of the relevant organizations regarding the emergency medicine in order to prepare for disaster within and outside country.
- To support the emergency medicine in order to set up system management and development on national disaster management in preparedness and emergency response



Holistic Medical Emergency Operation Center (HMEOC)



War room MOPH

NIEM coordinates the setting up HMEOC and the implementation of Incident Command System (ICS)



Medical Evacuation from the Community
Medical Evacuation from Hospital

HMEOC

Chiangmai, Chiangrai, Udon Thani, Pitsanulok, Ubonratchthani, Nakhonratchasima, Bangkok, Sattahip, Surat Thani, Had Yai, ICS, Phuket, MIMMS, MACs

National Institute for Emergency Medicine

สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine

www.niem.go.th
โทรแจ้งฉุกเฉิน 1669

Lesson Learned

► Flooding in 2011



National Institute for Emergency Medicine

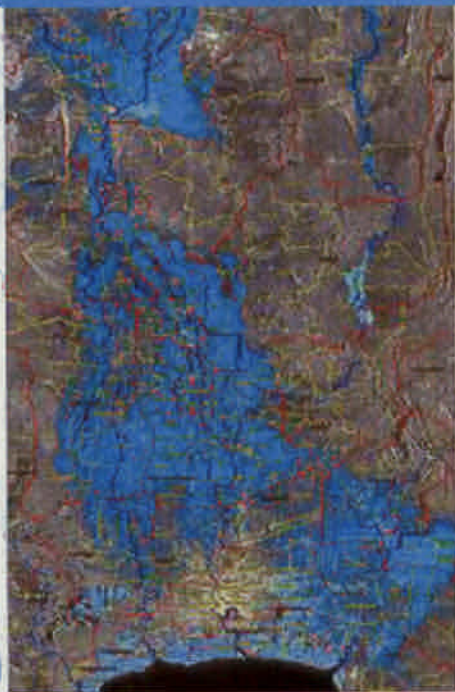


สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine



www.nem.go.th
แจ้งป่วยฉุกเฉิน โทร **1669**

Nakornsavan



National Institute for Emergency Medicine



สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine



www.nem.go.th
แจ้งป่วยฉุกเฉิน โทร **1669**

- ❖ Recommendations
- ❖ Way forward

National Institute for Emergency Medicine



สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine

www.nem.go.th
เว็บไซต์ฉุกเฉิน 1669

ASEAN-Japan Collaboration Programme on Disaster Medical Management

- ❖ 1st ASEAN Disaster Medicine Workshop in April 2014, Phuket, Thailand
- ❖ 10 Years Tsunami Phuket: the Next Tsunami Zero Lost Conference in 10-11 Dec 2014, Phuket, Thailand
- ❖ 1st Regional Meeting on the Survey on the Current Situation of Disaster/Emergency Medicine in the ASEAN Region on 12 Dec 2014 in Phuket, Thailand.



สถาบันการแพทย์ฉุกเฉินแห่งชาติ
National Institute for Emergency Medicine

www.nem.go.th
เว็บไซต์ฉุกเฉิน 1669



National Institute for Emergency Medicine

AREAN-Japan Collaboration Program for Disaster Medical Management

The AREAN Disaster Medical Management Program is a 10-year program initiated by the AREAN and the Japanese Government in 1994. The program aims to improve disaster medical management in the ASEAN region through technical cooperation and training. The program includes the following activities:

- Technical cooperation and training for disaster medical management.
- Exchange of personnel and information.
- Joint research and development.
- Joint disaster relief operations.

Thank you