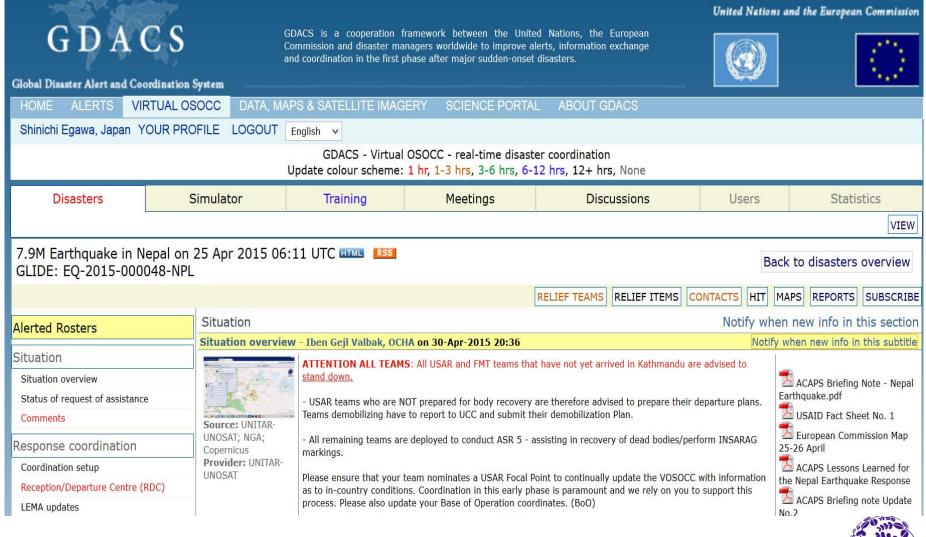
Nepal Earthquake M7.8 Apr. 25, 2015 Medical and Public Health

Shinichi Egawa IRIDeS, Tohoku Univ.





Virtual OSOCC

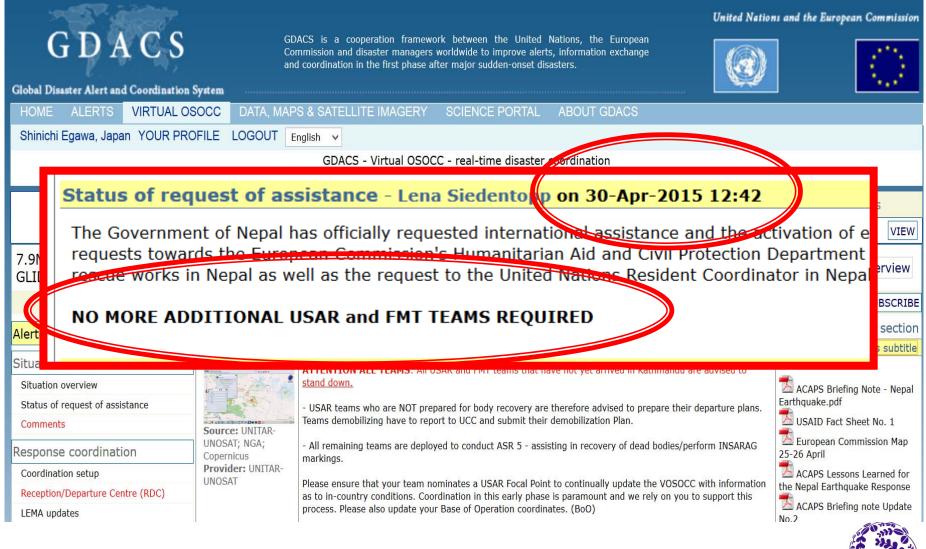








Virtual OSOCC









VOSOCC Map

This web map combines multiple image analysis products from UNOSAT and other sources. It is intended to provide an ongoing record of satellite image analysis results over Nepal, showing the effects of the earthquake on 25/04/2015.

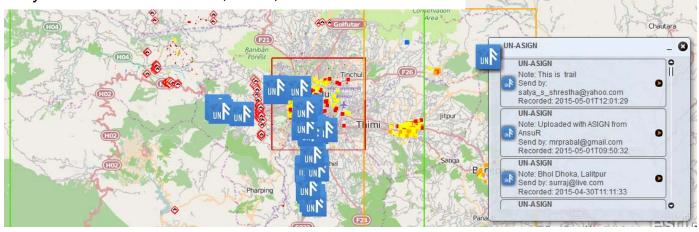
It will be updated as new analysis is available.

All results are preliminary and unverified.

Imagery Sources:

International Charter on Space and Major Disasters;

Analysis Sources: UNOSAT, NGA;

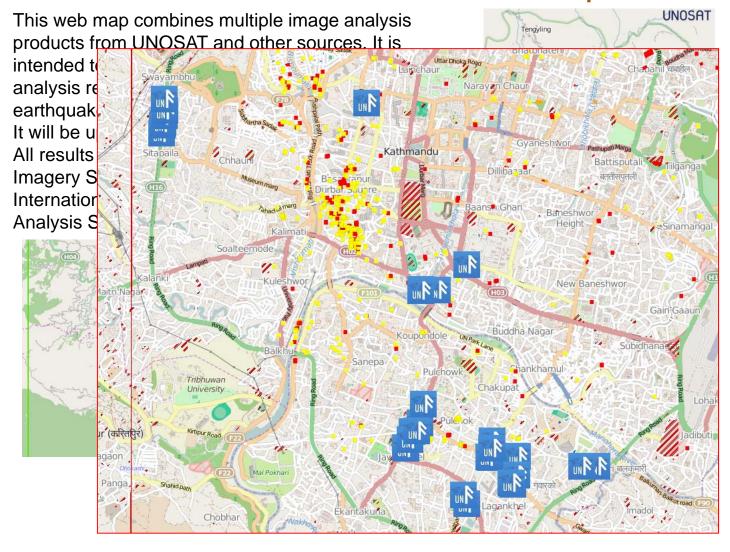




UNOSAT



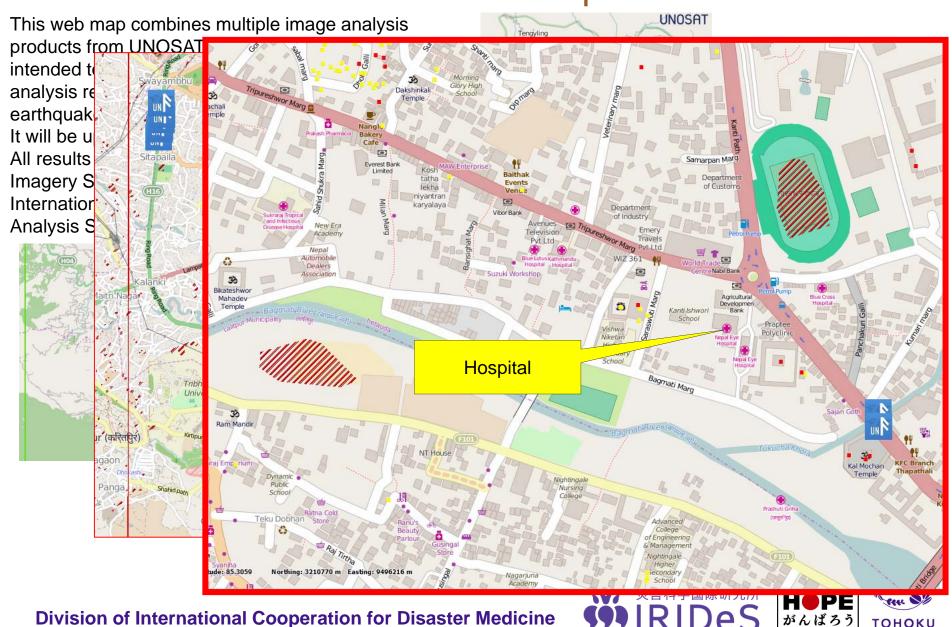
VOSOCC Map







VOSOCC Map



TOHOKU

TOHOKU

OSOCC

- OSOCC
 - Situation Cell:
 - Operations Cell
 - Regular Cluster coordination meetings

LATEST DOCUMENTS

NEPAL Health Cluster Meeting Minutes 28-04-15

UPCOMING EVENTS

Health Cluster Meeting

01 May 2015 - 10:00

Health Cluster Meeting

02 May 2015 - 10:00

Health Cluster Meeting

03 May 2015 - 10:00

Health Cluster Meeting

04 May 2015 - 10:00

Health Cluster Meeting

05 May 2015 - 10:00

CLUSTERS

Camp Coordination / Management

Early Recovery

Education

Emergency Telecommunications

Food Security

Health

Logistics

Nutrition

Protection

Child Protection

Gender Based Vioence

Shelter and NFI

WASH





Humanitarian

RESPONSE

- Foreign medical teams are arriving with some delays due to flight problems.
- MoHP has been conducting assessment on the further need of the FMTs and will communicate to the agencies accordingly.
 - Indian Army medical team
 - Bangladesh Team:
 - Kollen Rescue and Medical Team
 - IMC:
 - Turkey RC Doctors Worldwide:
 - Qatar RC:
 - Bhutan medical team:
 - UK Medical Team
 - NRCS/IFRC:
 - JICA medical team: will be deployed today in consultation with Nepal Army
 - Advanced Medical Post of EU Civil Protection

Needs

- Post -earthquake outbreak messaging
- Medical tents
- Medicines for managing injuries
- Surgical equipment/accessories
- Post trauma/rehabilitation care for spinal cord injury patients







- ACF: Response team for community medicine
- Australian Embassy
 - Response support 5 million dollars
 - Medical teams and field hospitals are ready and waiting for MoHP's advice to dispatch if needed.

CARE

- · Regional experts on WASH, Shelter, Health and Protection arriving tomorrow
- · Leading WASH assessment in Gorkha district

DFID

- Search and Rescue Team (70 persons) and Medical team (30 persons) along with the team of Save the Children Federation arrived today
- Same number of support is arriving on Thursday 30 April 2015.
- UK assessment team arrived today and sent to Sindhupalchowk for a quick assessment. The team will report back to health cluster
- UK Search and Rescue and medical teams waiting for clearance in Delhi, hopefully will arrive tomorrow

FAIRMED Nepal

• At the planning phase to support with some materials such as household tents, hospital tent, water filters, and purification materials, and deployment of field workers (paid volunteers for one month) at the most affected areas such as Sankhu/Kathmandu, and few VDCs of Sindhupalchowk

— GIZ

- Response support to WASH, Shelter, medical teams (6 persons), NFIs, shelter materials.
- Also provide assessment teams with technical support on updating information.

HI

- Providing post-surgery care
- Providing support on Shelter and Logistics





ICRC

- Donation of a set dressing and a set plaster of Paris to Cvil hospital, SKM hospital, Sankhu, TU Teaching Hospital and Bir hospital.
- Provided tarpaulins to Cvil Hospital and SKM hospital.
- Provided 200 body bags to Forensic Medicine Dept.
- Physical Rehabilitation service for free to Disaster Victims

IMC

- One medical team dispatched to Gorkha yesterday.
- IMC is ready to send additional teams (arriving tomorrow) and medical supplies. The team will be deployed according to the need of MoHP.

JICA

Arranging for Disaster Rescue Team (76 persons)

MDM

 Emergency team (12 persons) arriving tomorrow and Solidarity International Medical and WASH support preferable in Sindhupalchowk district

NRCS

- Doctors Worldwide team (Turkey) arrived yesterday they support with two mobile medical center with doctors, medical equipment, drugs, hygiene materials, foods and rescue materials
- Japanese Red Cross is at the planning stage and they are support with (1) basic health unit (minor surgery and care for 100 patients) and (2) emergency response unit

Plan International

At the planning phase and will finalize the response plan in consultation with MoHP

- PSI

Will finalize the response support in coordination with LMD







UASID

- Search and rescue team, (70 person) arrived and
- Response support of 1 million USD

UMN

• Two mission hospitals in Palpa and Okhaldhunga districts are functional. Response teams i.e. Medical Team International (10 persons) and Sumaritan First are coming with the basic supplies for additional support.

UNFPA

3 sets of RH kits arriving tomorrow

UNICEF

- Already provided 10 sets of tents (5 big and 5 small)
- Medical supplies including IEHK (10 sets), big tents (72), surgical units (200), MR vaccines etc. are arriving tomorrow
- Supporting NHEICC to air public health message through FM radio in all 35 districts

WHO

- Two persons arriving from Regional Office to enhance country office support to MoHP
- Surveillance officers to be deployed to affected districts to work with foreign medical teams and the district health offices
- Hospital tents, IEHK, surgical and diarrheal kits given to MoHP and more such kits coming

World Vision

• Emergency team is arriving in 48 hrs and provides support on child protection, WASH, Shelter.





JDR (Japan Disaster Relieaf by JICA)

- 7 members from JMTDR with USAR teams in the first JDR
 - Prof. Otomo in Tokyo Medical Dental University
- Equipped with surgical facility, carrying hemodialysis equipment and tons of fluids in preparation for crush syndrome.
- Current situation: All the hospitals are full and temporary operating rooms are established. Some patients receive medical care on the road side. It is strongly worried the lack of medical supplies and outbreak of infectious diseases.
- Dispatched Japan Medical Team for Disaster Relief (JMTDR)
 - Upon request from the Government of Nepal, Japanese Government decided to dispatch JMTDR on Apr. 27 and JICA has started preparation as below.
 - The JMTDR consists of 1 Director, 1 Vice director, 8 Doctors, 16 Nurses, 2 Radiology technicians,
 2 Pharmacists, 2 Medical Engineers, 2 Laboratory technicians, 4 Medical coordinators, 8
 Logisticians, total of 46 members.
 - JMTDR will depart Narita Airport on Apr.28, and has arrived Kathmandu on Apr. 29. JMTDR joined the health cluster.
 - The team has surgical facility and hemodialysis equipment
 - On Apr. 30, JMTDR assisted surgery in Kathmandu and cooperated with Nepalese Government to assist the local health providers.

(JICA 5/1 http://www.jica.go.jp/information/jdrt/2015/20150501.html)







American College of Surgeons

- Here's an update of our own efforts:
 - As a result of our initial appeal for volunteer surgeons, over 160 members have responded, representing students, residents, Fellows, and retired surgeons from several specialties. A few members are already in the country, some are on their way to Nepal, and most are willing to deploy at the next available opportunity.
 - Through email and personal calls, we have been in touch with members who are either on their way to, or already in Nepal. A few others are getting ready to travel.
 - A dedicated web page, "Update: Nepal Region," has been launched for the surgical community about this disaster response effort. We soon will be posting stories and photos from surgeons, residents, and medical students on the scene. Visit: www.facs.org/nepalregion
 - We are continuing to update any urgent need notices we get on the Operation Giving Back website. Visit: http://www.operationgivingback.facs.org/
 - Yesterday, the ACS Committee on Trauma made its online Disaster Management and Emergency Preparedness (DMEP) Course available for free to anyone traveling to the area who wishes to take it. For more information, visit the resource links section www.facs.org/nepalregion
 - We have learned that one agency, International Medical Corps, is actively seeking volunteer general and orthopedic surgeons to serve in Nepal. All surgeons on our volunteer service contact list are being notified about it today. Visit: http://www.operationgivingback.facs.org/content4827.html







American College of Surgeons

- Here are our next steps:
 - We are developing a list and contact information of members who are currently in Nepal to create a support group.
 - We are reaching out to organizations that may provide opportunities for our Fellows to deploy and serve. We will make this information available as opportunities arise on the Operation Giving Back website.
 - We are also exploring ways to obtain surgical resources (suture material, dressing material, etc.) and then looking for a way to send these materials to the region.
- We will continue to keep you updated as we learn more.

Update on May 1.

 This morning we heard from the project leader for foreign medical teams, emergency risk management and humanitarian response at the World Health Organization, asking all to refrain from further deployment of surgical teams. Therefore, we would like to advise those who are currently planning to travel to reconsider your trip unless you have already made a definite and mutual commitment to serve with an organized relief agency or government organization in Nepal.





Point of research in health sector

- Safe Hospital (Structural, Non-structural and Functional)
- Surge of medical needs
- Medical needs in evacuation centers.
- Foreign Medical Teams and coordination system
- Basic health level of the affected area and community resilience
- Outbreak of infectious disease
- Mental health of affected people and first responders.
- Non-communicable disease
- Logistics of medical and life-line supplies
- Coordination with other sectors





Healthy community is resilient in Disaster

