

INSARAG After-Action Review of the USAR Response to the Türkiye and Syria Earthquakes

17 – 18 October 2023

Doha, Qatar



**Please rise for a moment of silence as a
mark of respect for the victims of
earthquakes and disasters**



Opening statements



Opening Statements



**Colonel Staff Mubarak
Sherida Al Kaabi**

INSARAG AEME Regional
Chair 2023 and
Commander, Qatar
International Search and
Rescue Group



Lisa Doughten

Director, Humanitarian
Financing and Resource
Mobilization Division,
OCHA



Khalifa Al Kuwari

President of Qatar
Development Corporation

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Doha, Qatar



Opening Statements



Recep Salci

Türkiye INSARAG
Operational Focal Point,
Disaster and Emergency
Management Presidency
(AFAD)



**Sebastian
Rhodes Stampa**

INSARAG Secretary and
Chief, Emergency Response
Section, OCHA



Timeline and key milestones of the USAR response



AFAD

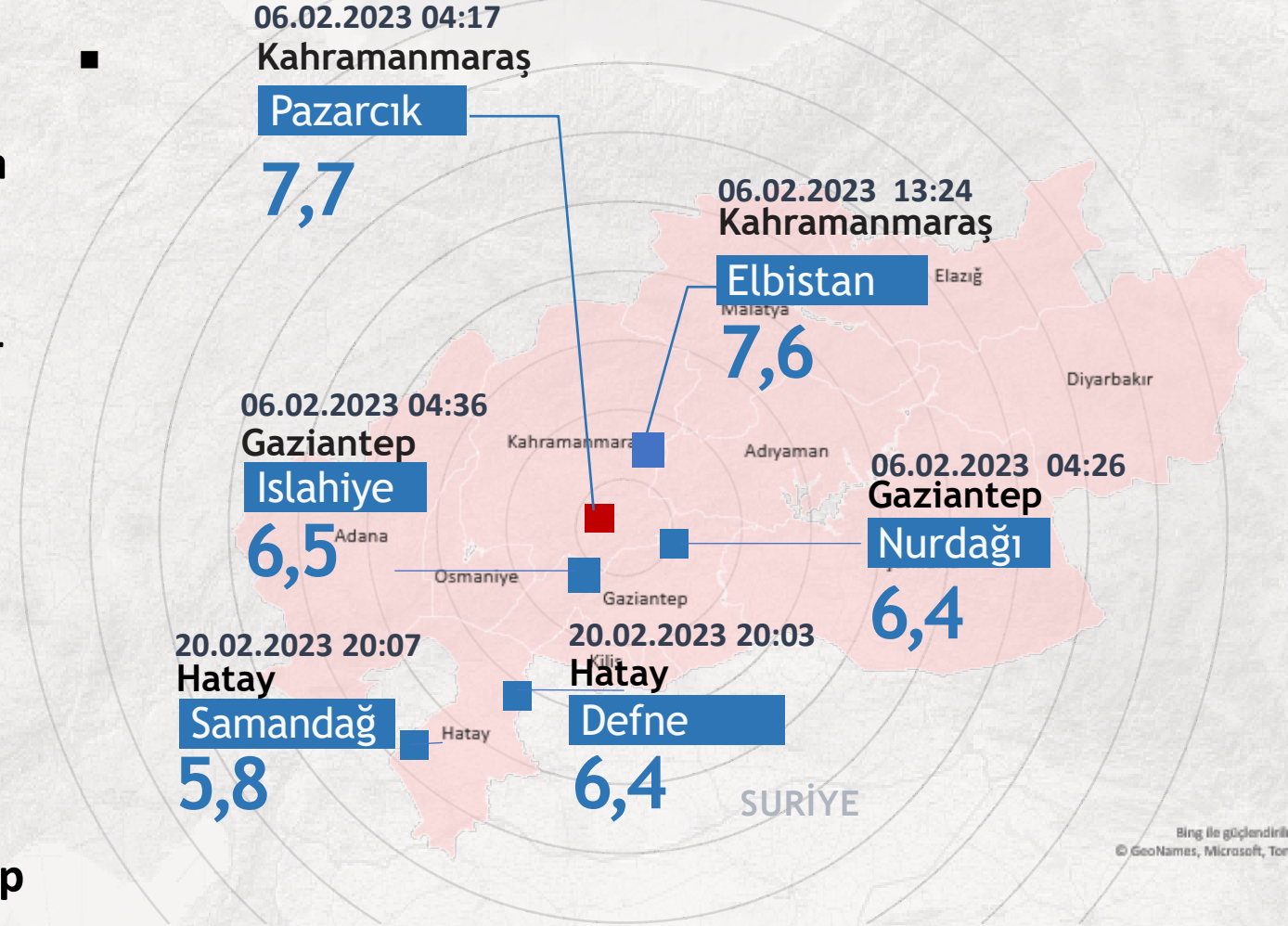


REPUBLIC OF TÜRKİYE
MINISTRY OF INTERIOR

DISASTER AND EMERGENCY MANAGEMENT PRESIDENCY

06.02.2023
PAZARCIK,ELBISTAN
(KAHRAMANMARAS)- DEFNE (HATAY)
EARTHQUAKES

- At 04:17mt on 06.02.2023 earthquake with a magnitude of 7.7 MW, struck Pazarciik District and , affected 11 provinces. (Adana-Adiyaman-Diyarbakir-Elazig-Gaziantep-Hatay-Kilis-Kahramanmaras-Malatya-Osmaniye-Sanliurfa).
- After the earthquake, earthquake number 202334600032 was recorded via AYDES (Disaster Management and Decision Support System) and the level of the disaster was determined as 3 (National).
- On 06.02.2023 – 05:26, AYDES Information System updated and the disaster level rised up to 4 (International)

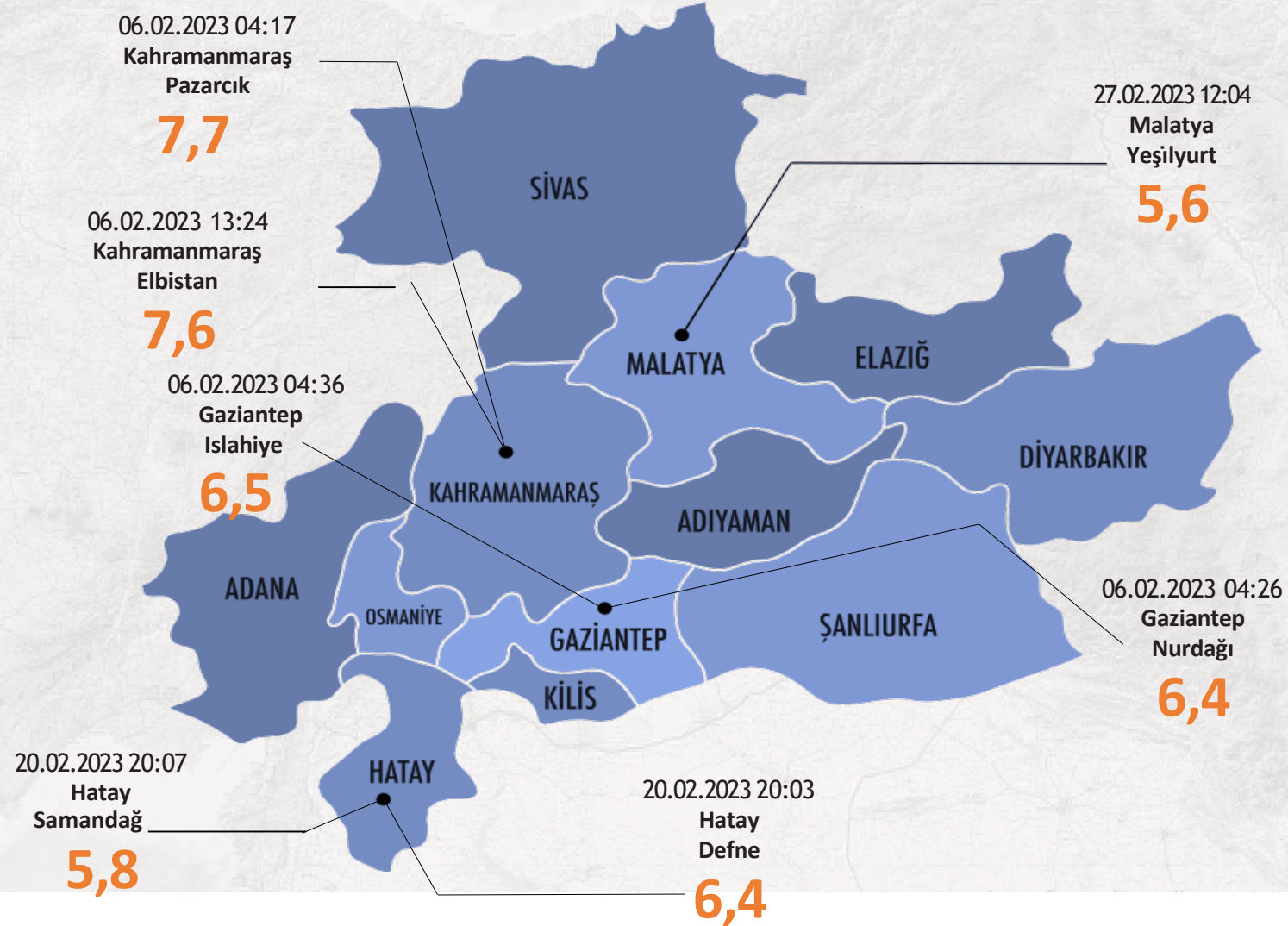


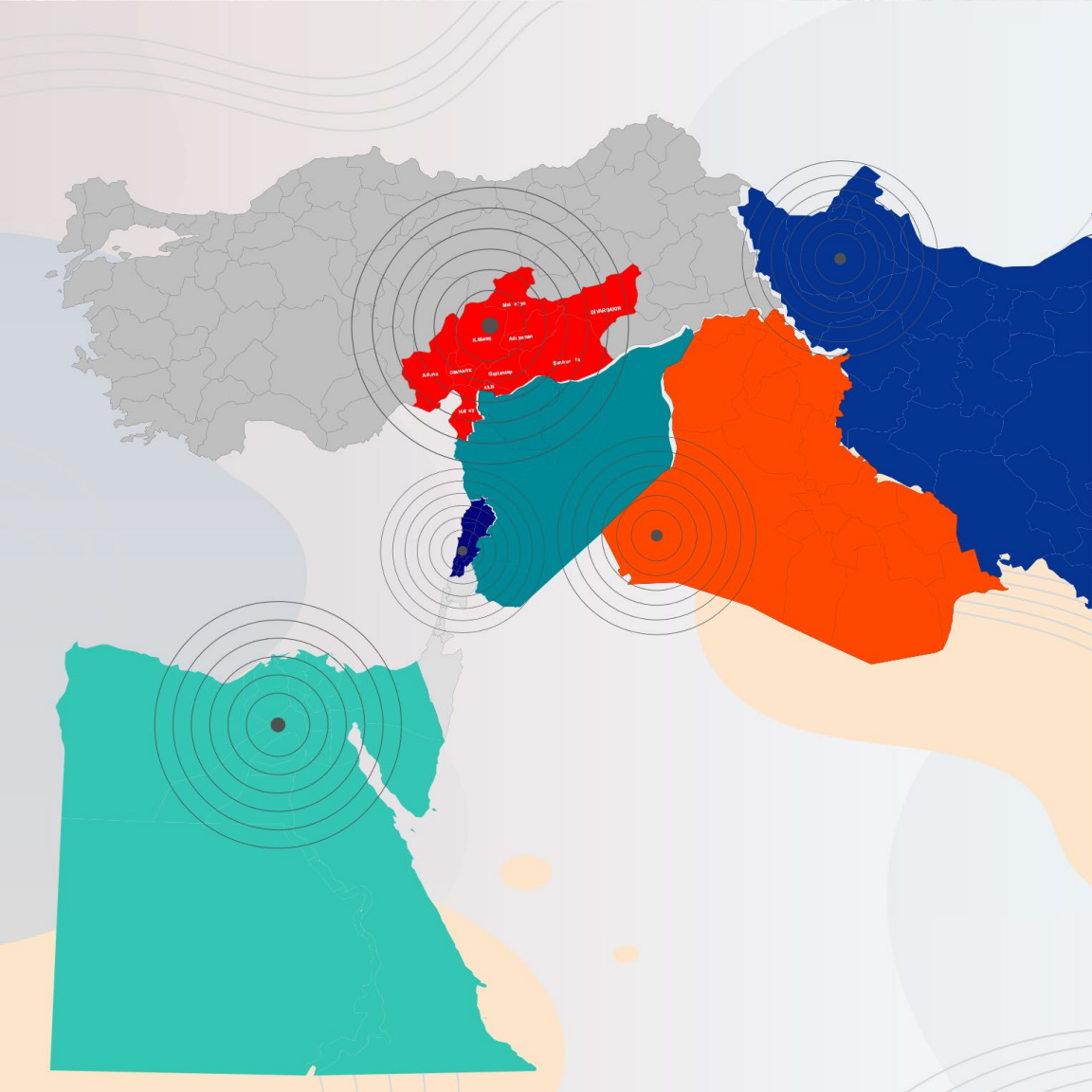


Same day
7,7 - 7,6 and 6,5
magnitude
3 Big Earthquakes

06.02.2023 – 19.03.2023
Between the days
7 Big Earthquakes
18.738 Aftershock

| 3-4 Mw | 4-5Mw | 5-6 Mw |
|-------------|-------|--------|
| 2.369 | 510 | 44 |
| Aftershocks | | |





EARTHQUAKE IMPACT AREAS 1.200.000 KM2



SYRIA



EGYPT



IRAQ



LEBNON



IRAN

- 6 thousand people lost their lives in Syria, hundreds of houses were destroyed,
- Houses were damaged in Lebanon,
- In Egypt, people went out in panic.
- Houses shook in Iran and Iraq.

KARADENİZ

KARADENİZ

50.096

Loss of life

107.204

Injured





INTERNATIONAL ASSISTANCE & DECISION MAKING PROCESS



National Disaster and Emergency Management Center



Provincial Disaster and Emergency Management Centers



Mukhtars

- Disaster Level raised to the 4th (international) level
- AFAD immediately contacted INSARAG and ERCC
- International Assistance Requested (Medium and Heavy Urban Search and Rescue Team)
- Later on EMTs



RAPID RESPONSE

- Existing high level of trust between AFAD and international organisations&teams
- Many years and of long-standing cooperation between AFAD and UNDAC/INSARAG
- Assignment a joint coordination room to UNDAC and EUCPT close to National Emergency Management Center
- Joint Coordination with UNDAC, EUCPT and AFAD
- Daily Joint Meetings
- High Level Visits USG/ERC/RC
- Fast and effective decision making



7.7 BÜYÜKLÜĞÜNDEKİ KAHRAMANMARAŞ ELBİSTAN DEPREMİNDE 06.02.2023 TARİHİNDE ÜLKEYE GELEN ULUSLARASI EKİPLERİN SEVK EDİLDİĞİ İLLER HARİTASI

KAHRAMANMARAŞ
06.02.2023
AZERBAIJAN 229 PERSONEL
GENEL TOPLAM 229 PERSONEL

HATAY
06.02.2023
YUNANİSTAN 26 PERSONEL
İSVİÇRE 87 PERSONEL
KKTG 30 PERSONEL
ROMANYA 59 PERSONEL
GENEL TOPLAM 202 PERSONEL

GAZİANTEP
06.02.2023
İSPANYA 33 PERSONEL
GENEL TOPLAM 33 PERSONEL

ADİYAMAN
06.02.2023
ÇEKYA 70 PERSONEL
KKTG 40 PERSONEL
GENEL TOPLAM 110 PERSONEL

MALATYA
06.02.2023
BU TARİHTE İLE GİDEN ULUSLARARASI EKİP BULUNMAMAKTADIR

Açıklamalar

- ULUSLARASI EKİP GİTMİYEN İLLER
- KAHRAMANMARAŞ
- HATAY
- GAZİANTEP
- ADİYAMAN
- MALATYA

GENEL TOPLAM 574 PERSONEL

RCC-SCC-RDC



➤ IN TOTAL 10 UCC/SCC – 2 RDC

TURKIYE AND SYRIA EARTHQUAKES -USAR PHASE - TIMELINE AND KEY MILESTONES

06.FEB.2023
01:17 UTC
7.8 MW
EARTHQUAKE

7.8 MAGNETUDE EARTHQUAKE HITS 11 CITIES IN TURKIYE AND AFFECTS 15.6 MILLION PEOPLE

1-HOUR POST EQ
GDACS ALERT SHARED WITHIN 20 MUNITES

2-HOURS POST EQ
INITIAL CONTACT BETWEEN ERS AND AFAD

EMERGENCY DISCUSSIONS OPEN ON VIRTUAL OSOCC ONLINE PLATFORM

4-HOURS POST EQ
UNDAC ALERT ISSUESD

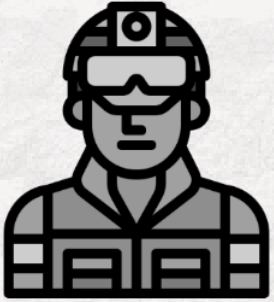
5 HOURS POST EQ
FIRSTH UNCT MEETING

10:24 UTC
7.6 MAGNITUDE EQ

12-HOURS POST EQ
FIRSTH RECEPTION AND DEPARTURE CENTER ESTABLISHED IN ADANA

22 HOURS POST EQ
UNDAC LIAISON TO AFAD ESTABLISHED INSIDE AFAD NATIONAL CRISIS CENTRE; UNDAC TEAM LEADER AND FIRSTH USAR TEAMS LAND IN ADANA





90 Country;

- **International Search and Rescue Personnel Working in Total:**

11320

- **% 87 of INSARAG Classified Teams Deployed**





THANK YOU
TEŞEKKÜR
спасибо
NGIYABONGA
הדוּת
DHANYAVĀD
KÖSZÖNÖM
ARIGATÔ
спасибо
THANK YOU
MERCICI
OBRIGADO
DANKE
TAK
SHUKRAN
XIE XIE
GRACIAS
GRÀCIES
EUΧΑΡΙΣΤΩ
XIÈXIÈ
KOP KHUN
DANKE
KOP KHUN
DHANYAVĀD
TACK
HVALA
OBRIGADO
MERCICI
GRAZIE
KÖSZÖNÖM
TERIMA KASIH.
XVALLA
TEŞEKKÜR
THANK YOU
TERIMA KASH.
THANK YOU
MERCICI
ARIGATÔ
XIÈXIÈ
DANKE
TERIMA KASIH.
XVALLA
KOP KHUN
THANK YOU
MERCICI
ARIGATÔ
NGIYABONGA
SHUKRAN
TACK
GRAZIE

UNDAC – Overview of the response and key takeaways

UNDAC Response

- UNDAC deployed immediately and was on the ground within 24 hours.
- **First priority:** support USAR operations and coordination:
 - OSOCC set up in Gaziantep, 4 sub-OSOCC (including Hatay)
 - Support RDC, UCC, SCC with UC liaison in UNDAC team.
- **Second priority:** establish the coordination structure for humanitarian coordination at all levels (Ankara, HCT/Govt and in affected areas Govt/local organisations /humanitarian actors).



UNDAC Response

Value added:

- The system worked in large disasters
- Good interoperability between partners and networks
- Interdisciplinarity.

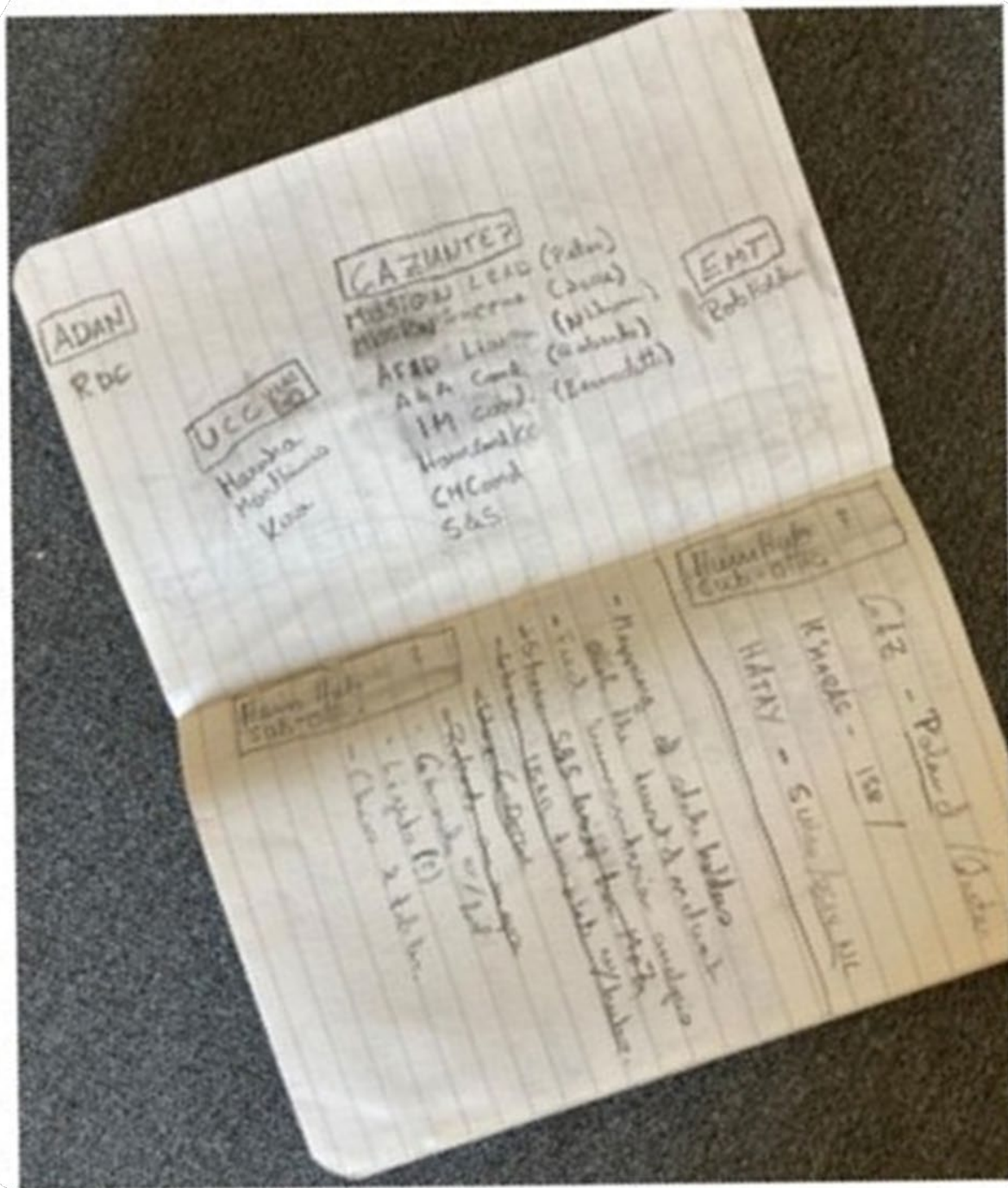
Lessons learnt:

- Keep strengthening the collaboration and interoperability between partners and networks
- Train in the practicalities of response preparedness.



UNDAC Response

First draft of the coordination structure



OCHA: 16

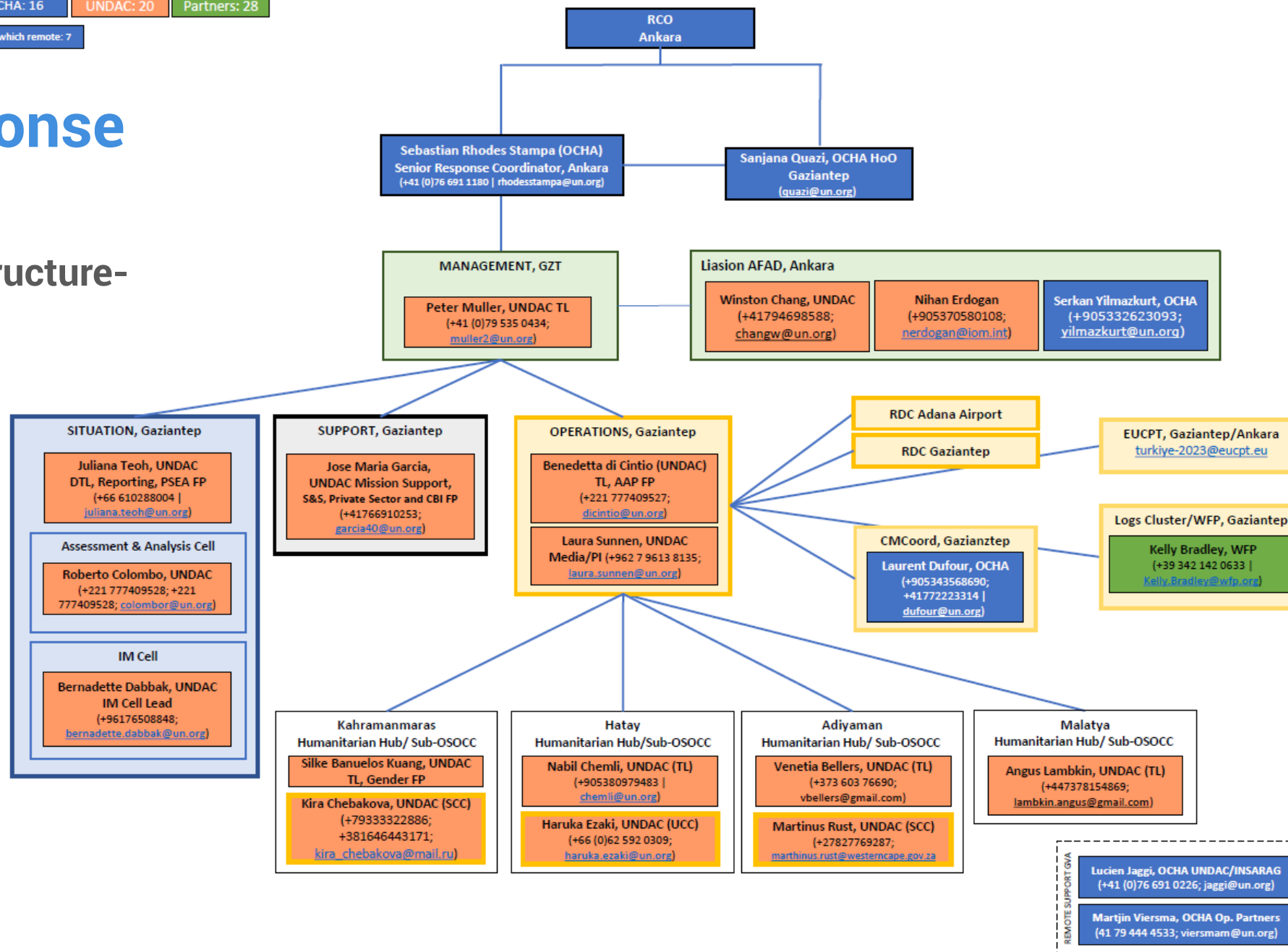
UNDAC: 20

Partners: 28

Of which remote: 7

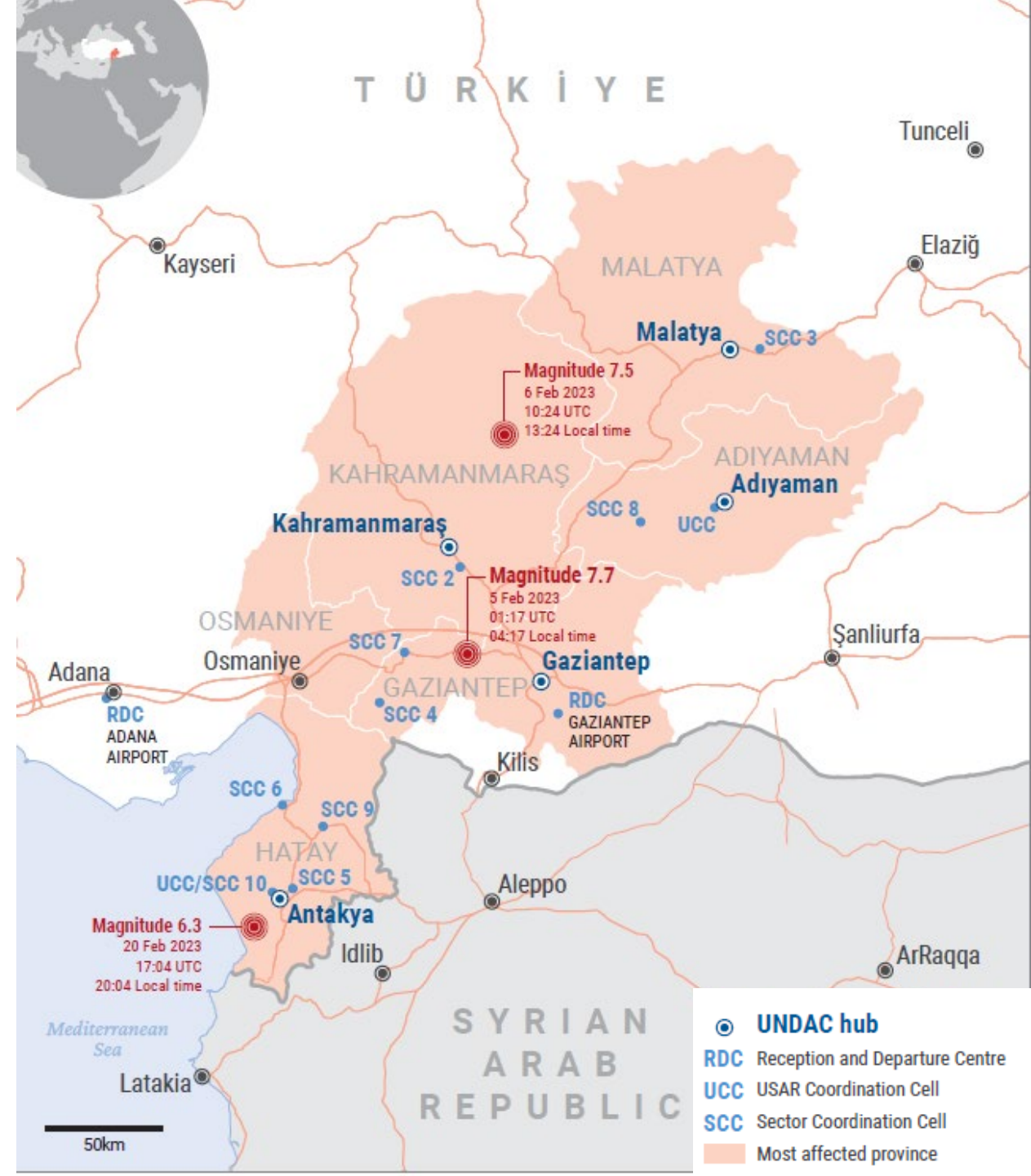
UNDAC Response

Coordination Structure- One week later



USAR Coordination

- RDC Established in Adana 12 hours after the EQ.
- USAR Coordination Cell (UCC) initially established in Hatay, then moved to Adiyaman from 12 to 16 February 2023.
- Ten Sector Coordination Cells (SCC), reporting to the UCC, were established in the most severely affected urban centres.
- **300 lives** saved by INSARAG teams and other international teams coordinated by the UCC.



Setting the Stage

-INSARAG Secretariat

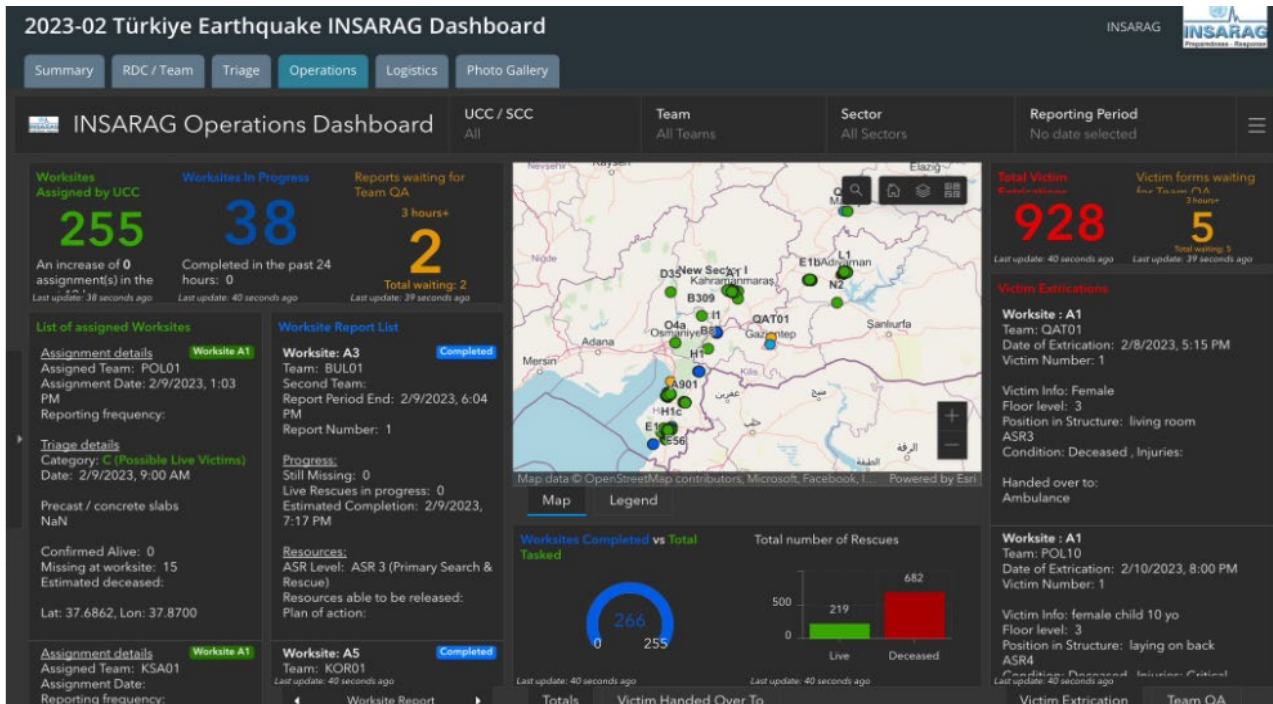


Martin Griffiths ✓
@UNReliefChief

The first 72 hrs after a disaster are critical.

We have coordinated the deployment of over 4,948 search & rescue experts and #UNDAC emergency response teams soon after the earthquake shook #Türkiye and #Syria.

We'll continue to support every effort to save lives.



Türkiye and Syria Earthquakes » USAR Phase » Timeline and Key Milestones

● Mobilisation ● Operations ● Demobilisation

DAY

1 6 FEB 2023, 01:17 UTC, 04:17 LOCAL TIME

7.8 magnitude earthquake (EQ) hits 11 major cities in Türkiye and affects 15.6 million people; 10 Sector Coordination Cells are active across the affected area.

1-HOUR, POST-EQ
GDACS Alert shared within 20 minutes.

2-HOURS, POST-EQ
Initial contact between ERS and AFAD;
Emergency Discussion open on the Virtual OSOCC online platform.

4-HOURS, POST-EQ
UNDAC Alert issued.

5-HOURS, POST-EQ
First UNCT Meeting.

10:24 UTC, 13:24 LOCAL TIME

7.5 magnitude EQ

12-HOURS, POST-EQ
First Reception and Departure Centre established in Adana.

22-HOURS, POST-EQ
UNDAC Liaison to AFAD established inside AFAD National Crisis Centre; UNDAC Team Leader and first USAR Teams land in Adana.

DAY

3

8 FEB 2023, 2 DAYS POST-EQ
30+ UNDAC members and operational partners active on the ground; Joint UNDAC-EU Coordination Cell established in Ankara.

DAY

4

9 FEB 2023, 3 DAYS POST-EQ
USAR redeployment to Syria; 2 UNDAC sub-OSOCCs established.

DAY

5

10 FEB 2023, 4 DAYS POST-EQ
UNDAC team reaches Syria; UNDAC coordinates the meetings of the USG, RC and VP of Türkiye.

DAY

6

11 FEB 2023, 5 DAYS POST-EQ
Second RDC established in Gaziantep.

DAY

7

12 FEB 2023, 6 DAYS POST-EQ
UNDAC deploys to Malatya; USG visits the Türkiye-Syria Border; UCC Relocation 1.

DAY

8

13 FEB 2023, 7 DAYS POST-EQ
Peak of active international personnel in the field; approx. 10,668 personnel and 358 search dogs.

DAY

9

14 FEB 2023, 8 DAYS POST-EQ
Flash Appeal for Syria published; last live rescue performed by INSARAG-classified teams.

DAY

10

15 FEB 2023, 9 DAYS POST-EQ
UNDAC Alert issued (2nd wave).

DAY

11

16 FEB 2023, 10 DAYS POST-EQ
Flash Appeal for Türkiye published; UCC Relocation 2.

DAY

12

17 FEB 2023, 11 DAYS POST-EQ
MFA acknowledges the important contribution of international USAR teams.

DAY

13

18 FEB 2023, 12 DAYS POST-EQ
Last live rescue performed by national responders; Last body recovered by INSARAG classified teams.

DAY

14

19 FEB 2023, 13 DAYS POST-EQ
53% of international USAR teams demobilised.

DAY

15

20 FEB 2023, 14 DAYS POST-EQ
USAR Coordination Cell handed over to AFAD; Search and rescue operations coordinated by AFAD.

17:04 UTC, 20:04 LOCAL TIME

6.3 magnitude EQ aftershock.

DAY

16

20 FEB 2023, 17 DAYS POST-EQ
Final INSARAG team departs from Türkiye.

300 LIVES

saved by INSARAG classified teams and other INSARAG-managed international teams

Speed, Solidarity
Partnerships
Effective Methodology
Effective Coordination
Decisive Response

“How can we help?”



↻ UN Humanitarian Retweeted

INSARAG 30

International Search and Rescue Advisory Group ✓

...

@Insarag

Another life rescued today in [#Türkiye](#) by [@GEA_SAR](#) and [#ERICAM](#) in [#iskenderun](#), after 162 hours under the rubbles. [#INSARAG](#) teams making miracles after the [#earthquakes](#)



*Keeping
HOPE
Alive*

Qatar Mission to North West Syria

Colonel Staff **Mubarak Sherida Al Kaabi**, INSARAG AEME Regional Chair 2023 and Commander, Qatar International Search and Rescue Group.

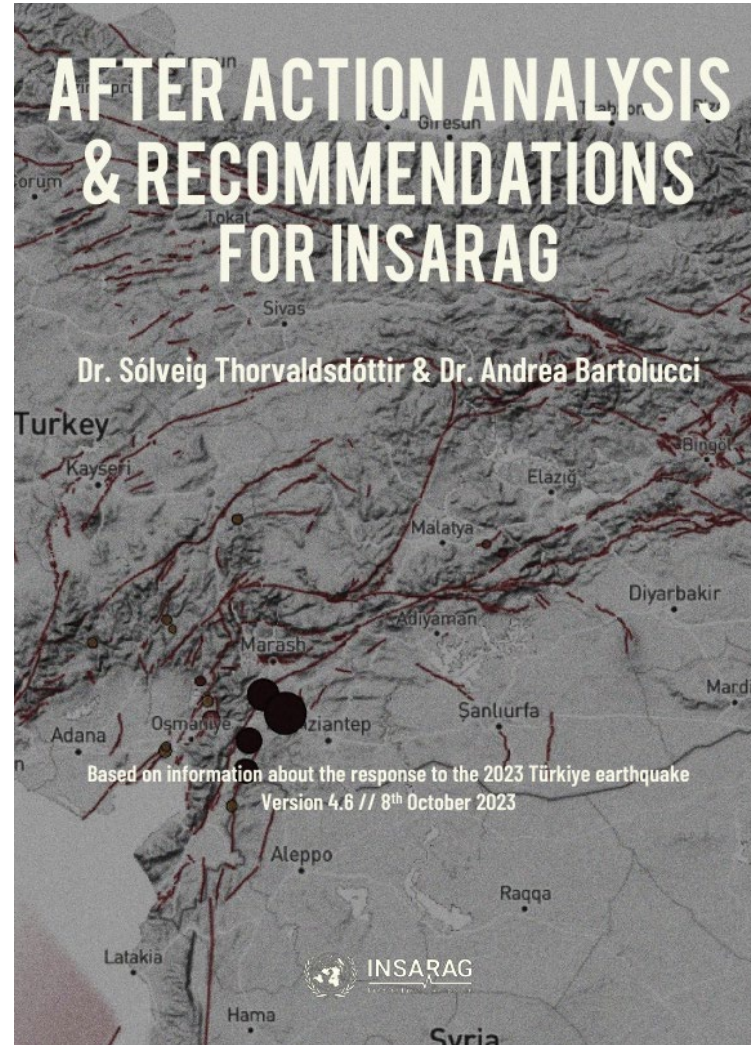


03

Presentation of core analysis of the USAR response and draft recommendations

Introductory Remarks

- Winston Chang, INSARAG Global Lead





AFAD



REPUBLIC OF TÜRKİYE
MINISTRY OF INTERIOR

DISASTER AND EMERGENCY MANAGEMENT PRESIDENCY

06.02.2023
PAZARCIK,ELBISTAN
(KAHRAMANMARAS)- DEFNE (HATAY)
EARTHQUAKES



NATIONAL & INTERNATIONAL DISASTER RESPONSE & COORDINATION



AFAD

- Search and rescue
- CBRN
- Shelter
- Finance&Resource management
- International cooperation
- Information management
- National and international donations



Ministry of Transport and Infrastructure

- Communications
- Transportation infrastructure
- Transport
- Technical support and supply



Ministry of Interior

- Evacuation and housing
- Safety and traffic



Ministry of Environment Urbanization and Climate Change

- Damage assessment
- Infrastructure
- Debris removal
- Firefighting
- Burial services



Ministry of Family and Social Services

- Psycho-social support
- Donations in kind



Turkish Red Crescent

- Procurement of food



Ministry of Energy and Natural Resources

- Energy



Ministry of Agriculture and Forestry

- Food, agriculture and livestock



Ministry of Treasury and Finance

- Loss assessment



- According to the Turkey Disaster Response Plan, 1st and 2nd group support provinces have been determined for each province in case of a disaster.
- Since our support provinces designated for our provinces exposed to disaster are also affected by the disaster, there have been significant difficulties in disaster management.

| Etkilenen İl | Adana | Adıyaman | Diyarbakır | Elazığ | Gaziantep | Hatay | Kahramanmaraş | Kilis | Malatya | Osmaniye | Şanlıurfa |
|-----------------------|---------------|---------------|------------|------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1. Grup Destek İlleri | Mersin | Erzincan | Şanlıurfa | Erzincan | Mersin | Adana | Mersin | Adana | Erzincan | Mersin | Diyarbakır |
| | Osmaniye | Bingöl | Mardin | Tunceli | Osmaniye | Osmaniye | Adana | Osmaniye | Tunceli | Adana | Mardin |
| | Kahramanmaraş | Malatya | Siirt | Bingöl | Kahramanmaraş | Kahramanmaraş | Osmaniye | Kahramanmaraş | Elazığ | Kahramanmaraş | Siirt |
| | Gaziantep | Elazığ | Şırnak | Malatya | Kilis | Gaziantep | Gaziantep | Gaziantep | Adıyaman | Gaziantep | Şırnak |
| | Kilis | Kahramanmaraş | Batman | Adıyaman | Hatay | Kilis | Kilis | Hatay | Diyarbakır | Kilis | Batman |
| | Hatay | Gaziantep | Adıyaman | Diyarbakır | Adıyaman | | Hatay | | Kahramanmaraş | Hatay | Gaziantep |
| | Niğde | Şanlıurfa | Malatya | | Şanlıurfa | | Adıyaman | | Sivas | | Adıyaman |
| | | Diyarbakır | Elazığ | | | | Sivas | | | | |
| | | | Bingöl | | | | Malatya | | | | |
| 2. Grup Destek İlleri | Kayseri | Tunceli | Bitlis | Sivas | Kayseri | Şanlıurfa | Şanlıurfa | Şanlıurfa | Gaziantep | Kayseri | Elazığ |
| | Konya | Kilis | Erzurum | Erzurum | Malatya | Kayseri | Niğde | Malatya | Kayseri | Adıyaman | Kahramanmaraş |
| | Malatya | Kayseri | Kayseri | Şanlıurfa | Adana | Mersin | Diyarbakır | Mersin | Bingöl | Şanlıurfa | Malatya |

- Etkilenen illerimiz
- Destek il olup ağır hasar alan illerimiz
- Destek il olup hissedilen illerimiz
- Destek iller

- An earthquake with a magnitude of 7.7Mw occurred on 06.02.2023 at 04:17, centered in Kahramanmaraş-Pazarcık.
- Subsequently, the personnel working in Provincial AFAD Directorates and AFAD USAR Brigades were immediately gathered within their institutions from the first moment of the earthquake.
- Simultaneously AFAD National Emergency Management Center became operational with the participation of related parties according to TAMP (Turkish National Disaster Response Plan)
- While deploying teams to area, simultaneously evacuation of around 2 millions affected people to safe areas started

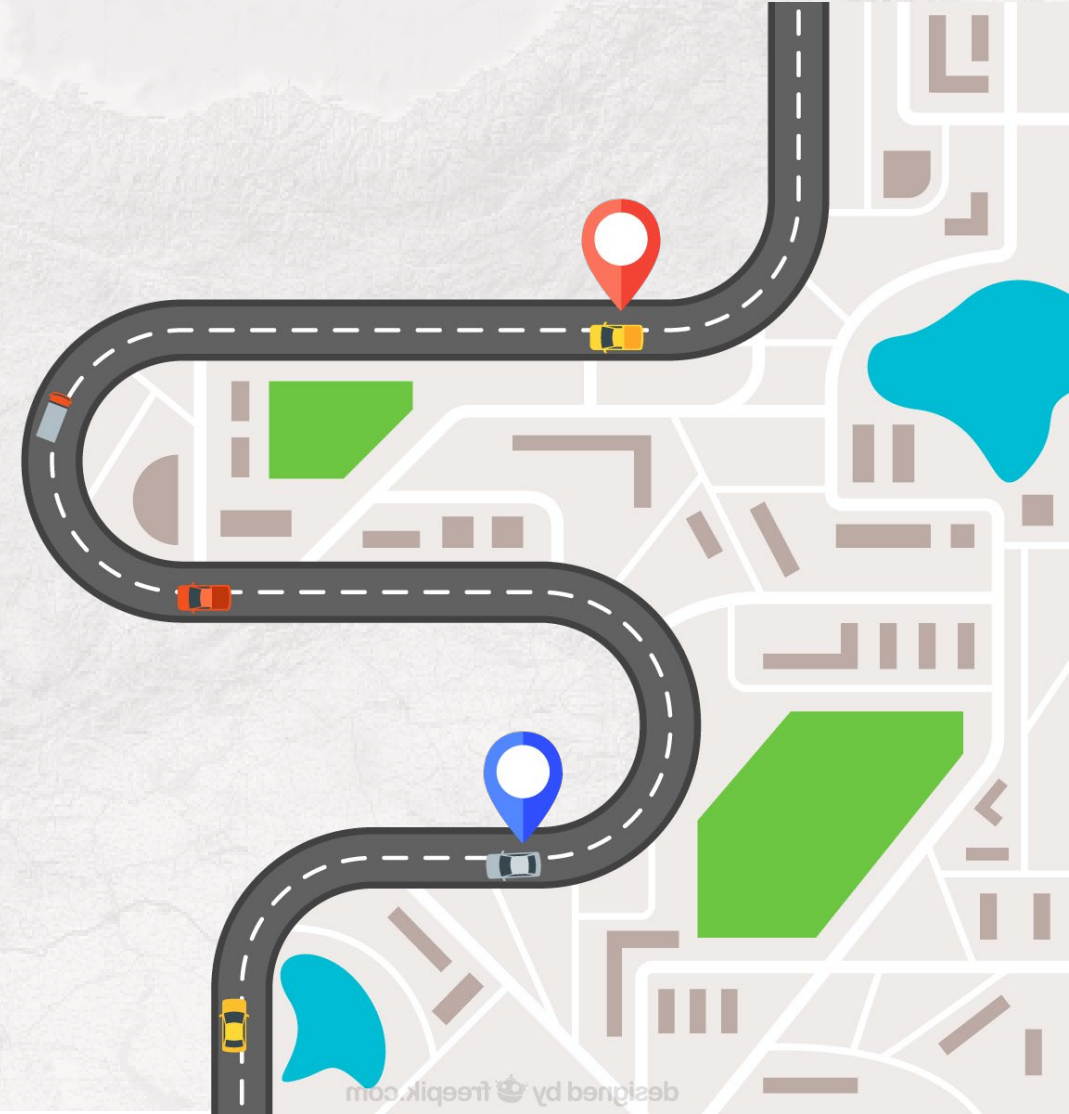


- **Once the AFAD-RED outputs taken and initial reports received from the EQ affected area ;**
 - **It was decided to transport remote provincial teams by air**
 - **Nearby provincial teams by road**



All AFAD Provincial USAR Teams and USAR Brigades, which were decided to deploy by road left their bases between 04:30-08:00 hrs on 06.02.2023.

- The earliest arrived to area on 06.02.2023 at 05:00, while the latest team arrived to the area on 07.02.2023 at 02:20.



DEPLOYMENT INFORMATION OF AFAD UNIONS USING THE HIGHWAY



AFAD

61 provincial
AFAD Teams

| İLLER | İNTİKAL BİLC | HAREKET | HAREKET VARIS | GİDİLEN İL |
|-------------|--------------|------------------|------------------|--------------------------|
| ADANA | KARAYOLU | 06.02.2023-04.30 | 06.02.2023-05.00 | ADANA |
| AFYONKARAHİ | KARAYOLU | 06.02.2023-05.30 | 06.02.2023-18.00 | GAZİANTEP (İSLAHIYE) |
| AĞRI | KARAYOLU | 06.02.2023- | 06.02.2023- | GAZİANTEP |
| AKSARAY | KARAYOLU | 06.02.2023- | 06.02.2023-14.30 | KAHRAMANMARAŞ (ELBİSTAN) |
| AMASYA | KARAYOLU | 06.02.2023-06.00 | 06.02.2023-14.00 | KAHRAMANMARAŞ |
| ANTALYA | KARAYOLU | 06.02.2023-05.10 | 06.02.2023-18.15 | KAHRAMANMARAŞ (TÜRKOĞLU) |
| ARDAHAN | KARAYOLU | 06.02.2023-06.00 | 06.02.2023-15.00 | DIYARBAKIR (BAĞLAR) |
| ARTVİN | KARAYOLU | 06.02.2023-06.00 | 06.02.2023-14.00 | MALATYA |
| AYDIN | KARAYOLU | 6.02.2023 | 6.02.2023 | MALATYA (YEŞİLYURT) |
| BALIKESİR | HAVAYOLU | 6.02.2023 | 06.02.2023-19.30 | HATAY |
| BAYBURT | KARAYOLU | 06.02.2023-04.40 | 06.02.2023-14.30 | ADIYAMAN |
| BİTLİS | KARAYOLU | 06.02.2023-05.30 | 06.02.2023-09.30 | ŞANLIURFA |
| BOLU | KARAYOLU | 06.02.2023-06.30 | 06.02.2023- | ADANA, HATAY |
| BURDUR | KARAYOLU | 06.02.2023-06.00 | 06.02.2023- | HATAY (KIRIKHAN) |
| ÇANKIRI | KARAYOLU | 06.02.2023- | 07.02.2023- | KAHRAMANMARAŞ |
| ÇORUM | KARAYOLU | 06.02.2023-05.30 | 06.02.2023- | KAHRAMANMARAŞ (AFŞİN) |
| DENİZLİ | KARAYOLU | 06.02.2023- | 06.02.2023- | HATAY (ANTAKYA) |
| ELAZIĞ | KARAYOLU | 06.02.2023- | 06.02.2023- | HATAY |
| ERZİNCAN | KARAYOLU | 06.02.2023-05.10 | 06.02.2023- | MALATYA |
| ERZURUM | KARAYOLU | 06.02.2023-05.00 | 06.02.2023-16.30 | HATAY |
| ESKİŞEHİR | KARAYOLU | 06.02.2023-06.25 | 06.02.2023-12.00 | KAHRAMANMARAŞ (AFŞİN) |
| GİRESUN | KARAYOLU | 06.02.2023-08.00 | 07.02.2023-02.20 | ADIYAMAN |
| HAKKARI | KARAYOLU | 06.02.2023-05.45 | 06.02.2023-16.40 | ŞANLIURFA |
| İĞDIR | KARAYOLU | 06.02.2023-05.45 | 06.02.2023-18.00 | MALATYA |
| ISPARTA | KARAYOLU | 06.02.2023-07.45 | 06.02.2023-22.15 | KAHRAMANMARAŞ |
| KARABÜK | KARAYOLU | 6.02.2023 | 6.02.2023 | GAZİANTEP (NURDAĞI) |
| KARAMAN | KARAYOLU | 6.02.2023 | 6.02.2023 | HATAY (BELEN) |
| KAYSERİ | KARAYOLU | 06.02.2023-04.25 | 6.02.2023-11.00 | OSMANIYE |
| KIRIKKALE | KARAYOLU | 06.02.2023-05.40 | 06.02.2023-18.00 | KAHRAMANMARAŞ (PAZARCIK) |
| KONYA | KARAYOLU | 06.02.2023-05.00 | 6.02.2023 | HATAY (BELEN) |
| KÜTAHYA | KARAYOLU | 06.02.2023-06.30 | 06.02.2023-18.30 | HATAY (ANTAKYA) |
| MARDİN | KARAYOLU | 6.02.2023 | 6.02.2023 | GAZİANTEP (NURDAĞI) |
| MERSİN | KARAYOLU | 6.02.2023 | 06.02.2023- | GAZİANTEP (NURDAĞI) |
| MUS | KARAYOLU | 06.02.2023-04.45 | 06.02.2023-11.30 | DIYARBAKIR |
| NEVŞEHİR | KARAYOLU | 06.02.2023-05.00 | 06.02.2023-10.45 | KAHRAMANMARAŞ |
| ORDU | KARAYOLU | 06.02.2023-06.00 | 07.02.2023-02.00 | ADIYAMAN |
| RİZE | KARAYOLU | 06.02.2023- | 06.02.2023- | GAZİANTEP (NURDAĞI) |
| SAMSUN | KARAYOLU | 06.02.2023-06.30 | 06.02.2023- | OSMANIYE |
| SİİRT | KARAYOLU | 06.02.2023-04.40 | 06.02.2023- | DIYARBAKIR |
| SINOP | KARAYOLU | 06.02.2023- | 06.02.2023- | KAHRAMANMARAŞ |
| SIVAS | KARAYOLU | 06.02.2023-05.00 | 06.02.2023-07.30 | MALATYA |
| ŞANLIURFA | KARAYOLU | 06.02.2023-04.30 | 06.02.2023-04.40 | ŞANLIURFA |
| ŞİRNAK | KARAYOLU | 06.02.2023-04.30 | 06.02.2023-08.00 | DIYARBAKIR |
| TEKİRDAĞ | KARAYOLU | 06.02.2023-06.30 | 07.02.2023-00.17 | ŞANLIURFA |
| TOKAT | KARAYOLU | 06.02.2023-04.40 | 06.02.2023- | ADIYAMAN (GÖLBAŞI) |
| TRABZON | KARAYOLU | 06.02.2023-05.30 | 06.02.2023-21.00 | ADIYAMAN |
| VAN | KARAYOLU | 06.02.2023-04.45 | 06.02.2023-14.30 | MALATYA (YEŞİLYURT) |
| ZONGULDAK | KARAYOLU | 06.02.2023-05.30 | 07.02.2023-01.30 | GAZİANTEP (İSLAHIYE) |
| BİNGÖL | KARAYOLU | 06.02.2023-05.30 | 6.02.2023 | GAZİANTEP (İSLAHIYE) |
| GÜMÜŞHANE | KARAYOLU | 06.02.2023-05.30 | 06.02.2023-19:00 | ADIYAMAN |
| KARS | KARAYOLU | 6.02.2023 | 06.02.2023- | MALATYA |
| KASTAMONU | KARAYOLU | 06.02.2023-06.30 | 06.02.2023-20.15 | KAHRAMANMARAŞ |
| KIRŞEHİR | KARAYOLU | 06.02.2023-06.00 | 6.02.2023 | HATAY |
| KOÇAELİ | KARAYOLU | 06.02.2023-07.00 | 07.02.2023-01.00 | ADIYAMAN |
| NIĞDE | KARAYOLU | 06.02.2023-07.30 | 6.02.2023 | MARAŞ-HATAY-OSMANIYE |
| TUNCELİ | KARAYOLU | 6.02.2023-05.30 | 6.02.2023 | ADIYAMAN |
| YOZGAT | KARAYOLU | 6.02.2023-04.50 | 06.02.2023-11.50 | KAHRAMANMARAŞ |
| BATMAN | KARAYOLU | 06.02.2023-05.30 | 06.02.2023- | DIYARBAKIR |
| BARTIN | KARAYOLU | 6.02.2023-06.35 | 6.02.2023-20.15 | GAZİANTEP (NURDAĞI) |
| DÜZCE | KARAYOLU | 06.02.2023-05.30 | 6.02.2023 | OSMANIYE |
| DIYARBAKIR | KARAYOLU | 6.02.2023 | 06.02.2023-04.35 | DIYARBAKIR |

AFAD

- Deployment order also given to NGOs and Fire Brigades, army and police for USAR activities all around to country
- Not only USAR teams also other TAMP Disaster Groups such like medical, energy, infrastructure, transportation, communication etc.. ordered to move area



- From the first moment of the earthquake, AFAD Presidency reached Provincial AFAD Directorates; Teams were asked to gather and vehicles to be prepared for disaster response, and information was given to which region they would be deployed.
- Provincial AFAD Directorates were responsible from the preparation and deployments of all USAR assests in their province



- The air transport of AFAD Provincial Teams and USAR Brigades, took place between 06.02.2023 05:00-22:47.
- The earliest arrived at their duty provinces on 06.02.2023 at 13:30, while the latest team arrived at the place of transfer at 07.02.2023 at 14:00.





| AFAD | İLLER | İNTİKAL BİLGİLERİ | HAREKET BAŞLANGIÇ TARİHİ | HAREKET VARIŞ TARİHİ | GİDİLEN İL |
|--------|--------------------|--------------------|--------------------------|----------------------|--------------------------|
| | BİLECİK | KARAYOLU+HAVA YOLU | 06.02.2023-06.30 | 06.02.2023-15.25 | MALATYA(AKÇADAĞ) |
| | BURSA | HAVAYOLU+KARAYOLU | 06.02.2023- | 06.02.2023-22.15 | HATAY |
| | ÇANAKKALE | KARAYOLU+HAVA YOLU | 06.02.2023-06.00 | 06.02.2023-23.00 | OSMANİYE |
| | EDİRNE | HAVAYOLU+KARAYOLU | 06.02.2023-22.47 | 07.02.2023-14.00 | KAHRAMANMARAŞ(EL BİSTAN) |
| | KIRKLARELİ | KARAYOLU+HAVA YOLU | 06.02.2023-06.30 | 07.02.2023-02.30 | HATAY(İSKENDERUN) |
| | MANİSA | KARAYOLU+HAVA YOLU | 06.02.2023-05.30 | 6.02.2023 | OSMANİYE |
| | MUĞLA | KARAYOLU+HAVA YOLU | 06.02.2023-05.30 | 07.02.2023-15.15 | GAZİANTEP(NURDAĞI) |
| | SAKARYA | KARAYOLU+HAVA YOLU | 06.02.2023-06.05 | 06.02.2023- | KAHRAMANMARAŞ |
| | UŞAK | HAVAYOLU+KARAYOLU | 06.02.2023- | 06.02.2023- | HATAY(SAMANDAĞ) |
| | YALOVA | KARAYOLU+HAVA YOLU | 06.02.2023-07.15 | 06.02.2023- | HATAY |
| | İSTANBUL | KARAYOLU+HAVA YOLU | 06.02.2023-05.00 | 06.02.2023-13.30 | HATAY(ANTAKYA) |
| | İZMİR | KARAYOLU+HAVA YOLU | 06.02.2023- | 06.02.2023-13.30 | OSMANİYE |
| ANKARA | KARAYOLU+HAVA YOLU | 06.02.2023-05.10 | 06.02.203- | KAHRAMANMARAŞ HATAY | |

The table below gives the number of personnel working on the first day in the 10 provinces affected by the severity of the earthquake.

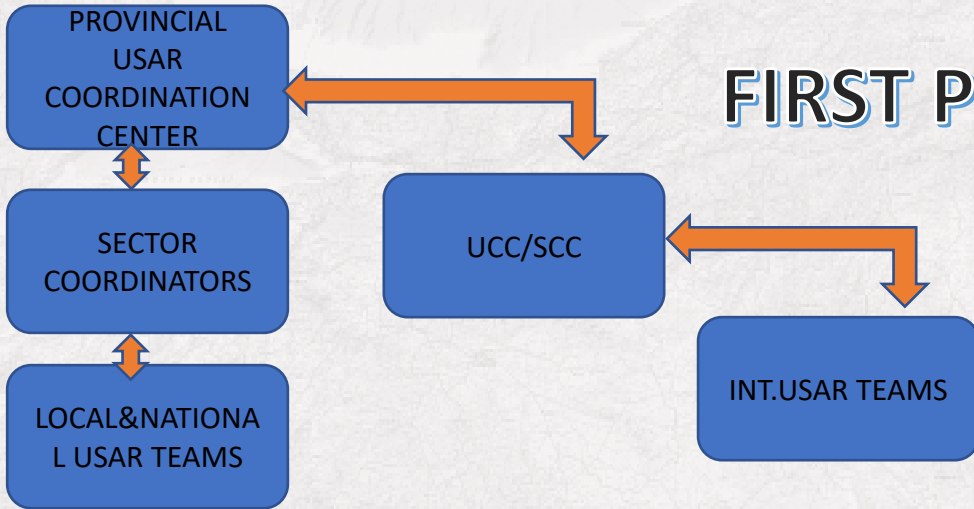
| ETKİLENEK İLLER | AFAD | PAK | JAK | JÖAK | DESTEK | İTFAİYE | STK | MEB | ULUSLARARASI | SAHİL GÜVENLİK | TAHLİSİYE | İL TOPLAMI |
|-----------------|------|-----|-----|------|--------|---------|------|-----|--------------|----------------|-----------|------------|
| K.MARAŞ | 438 | 275 | 25 | 17 | 790 | 1065 | 568 | 0 | 229 | 0 | 784 | 4191 |
| HATAY | 330 | 343 | 11 | 356 | 333 | 1329 | 542 | 200 | 202 | 488 | 1409 | 5543 |
| GAZİANTEP | 195 | 86 | 5 | 99 | 313 | 654 | 136 | 0 | 33 | 0 | 92 | 1613 |
| ADİYAMAN | 96 | 1 | 18 | 0 | 218 | 254 | 96 | 0 | 110 | 0 | 380 | 1173 |
| OSMANİYE | 154 | 41 | 4 | 0 | 216 | 245 | 101 | 0 | 0 | 0 | 0 | 761 |
| ADANA | 291 | 0 | 0 | 0 | 67 | 430 | 173 | 0 | 0 | 62 | 0 | 1023 |
| DIYARBAKIR | 172 | 15 | 6 | 0 | 126 | 302 | 49 | 0 | 0 | 0 | 0 | 670 |
| ŞANLIURFA | 98 | 0 | 6 | 0 | 134 | 395 | 96 | 0 | 0 | 0 | 0 | 729 |
| KİLİS | 14 | 0 | 0 | 0 | 5 | 18 | 49 | 0 | 0 | 0 | 0 | 86 |
| MALATYA | 167 | 60 | 9 | 0 | 177 | 374 | 271 | 0 | 0 | 0 | 597 | 1655 |
| TOPLAM | 1955 | 821 | 84 | 472 | 2379 | 5066 | 2081 | 200 | 574 | 550 | 3262 | 17444 |

RCC-SCC-RDC

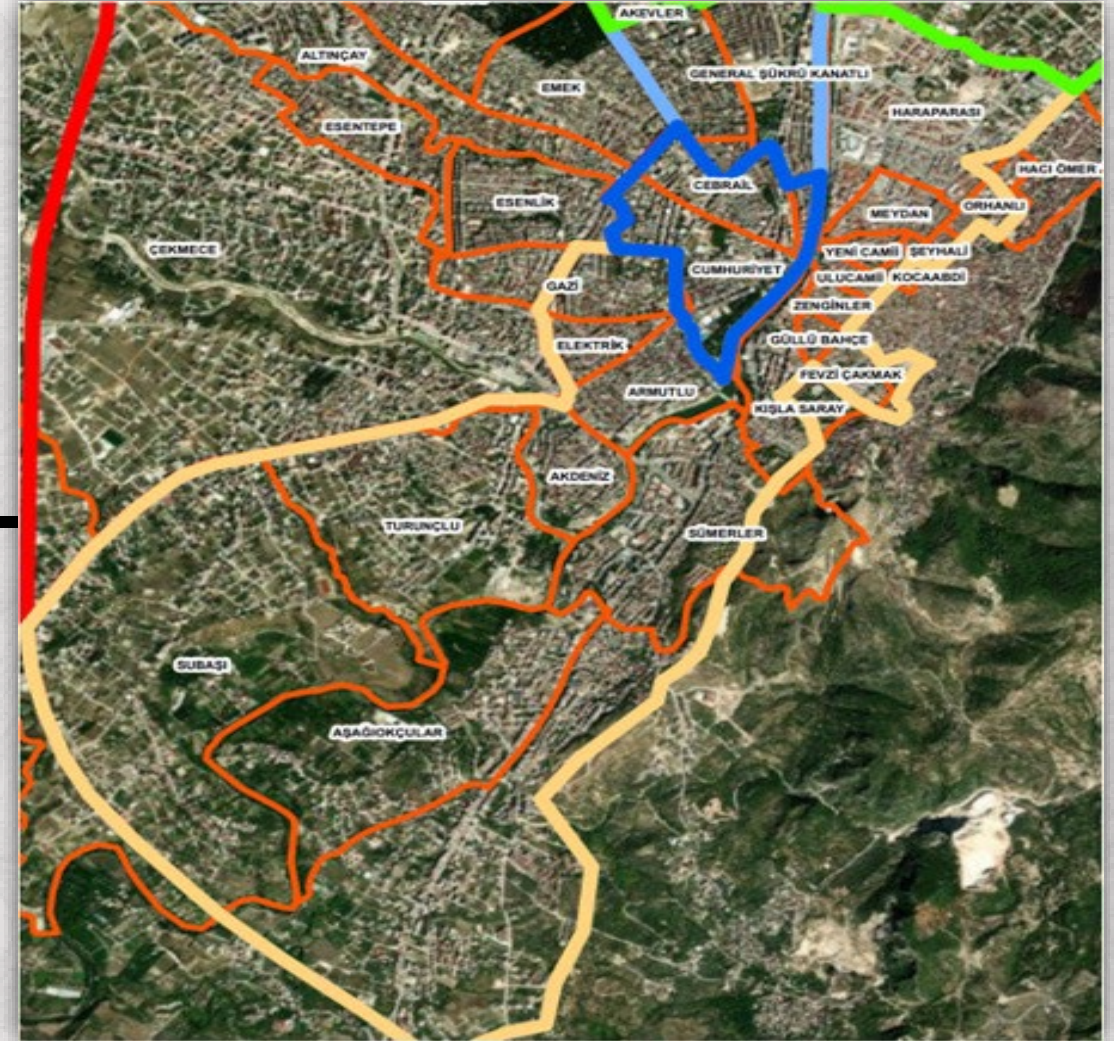
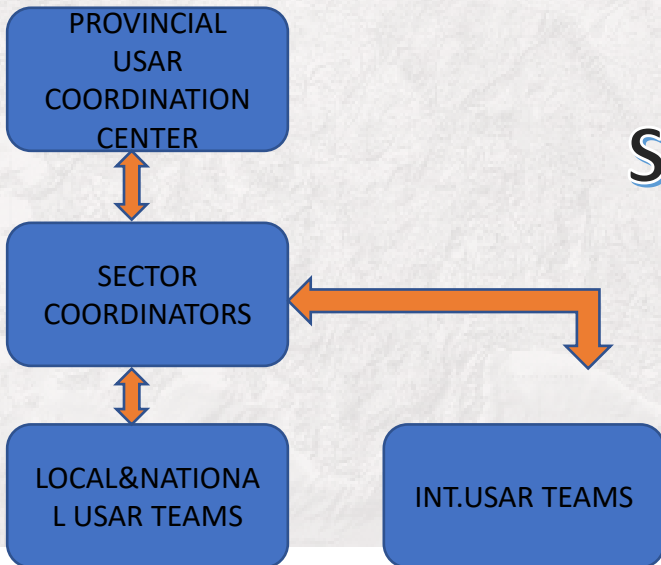


➤ IN TOTAL 10 UCC/SCC – 2 RDC

FIRST PHASE



SECOND PHASE





2.309

AFAD Search and Rescue Personnel

11.320

International Search and Rescue Personnel

21.621

National Search and Rescue Personnel

National and International Servants in Total

Search and Rescue Personnel

35.250

In total 26,032 work sites
Search and rescue efforts were
carried out.

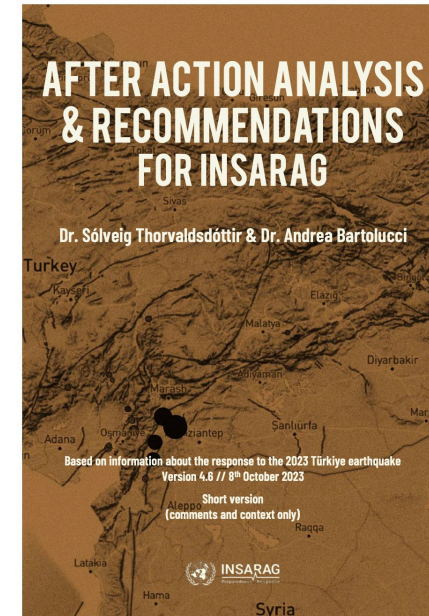
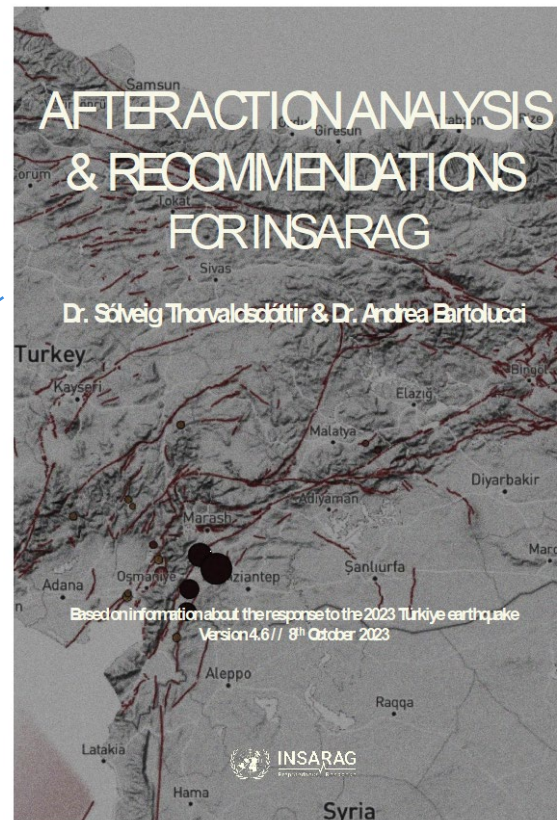




THANK YOU
TEŞEKKÜR
спасибо
NGIYABONGA
הדוּת
DHANYAVĀD
KÖSZÖNÖM
ARIGATÔ
спасибо
THANK YOU
MERCICI
הדוּת
GRACIAS
OBRIGADO
DANKE
TAK
SHUKRAN
XIE XIE
GRACIAS
DANKE
KOP KHUN
DHANYAVĀD
TACK
HVALA
OBRIGADO
MERCICI
GRAZIE
KÖSZÖNÖM
TERIMA KASIH.
XVALLA
TEŞEKKÜR
THANK YOU
TERIMA KASH.
THANK YOU
MERCICI
ARIGATÔ
XIE XIE
DANKE
TERIMA KASIH.
XVALLA
KOP KHUN
THANK YOU
GRAZIE
TACK
GRAZIE

After-Action Analysis & Recommendations Report

Solveig Thorvaldsdottir and Andrea Bartolucci



Shorter version

Origin of Report

A lot of information had been collected

- Padlets from 2023 Team Leader Meeting
- Post Mission Reports
- Virtual OSOCC
- ICMS

Secretariat looked for people to go through the information

People with an academic background to analyse the content

- University of Iceland, Iceland Ministry for Foreign Affairs
- Leiden University, Netherlands

Work started early summer – deadline: last week

Method of Analysis

1. Padlets

- Sort 1: answers to same questions
- Sort 2: same content in answers
- Sort 3: summarized into categories (be able to back-track, codes)

1st Draft

2. Post-Mission Reports

- Information not already in the Draft 1
- Team responsibility

2nd Draft

3. VOSOCC and ICMS

3rd Draft

5. Reviewers

4. Six Focused Review Questions

4th Draft

6. Editing

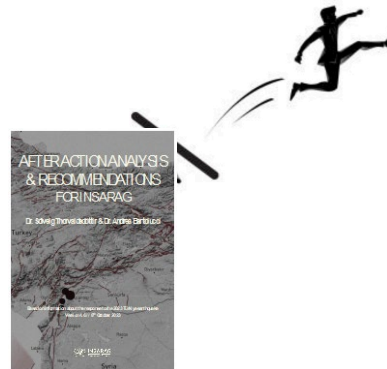
Whose opinion is in the report?

- **Reflection of opinions/recommendations of teams**
- **Reflection of teams' actions in VO and ICMS**
- **Reviewers**
 - Handful of people
 - Secretariat
- **Authors**
 - Sort, summarize, and key messages
 - Add context
 - Derive recommendations
- **Not a historical account of what happened.**

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How to use the report!

As a basis for discussion on how to improve our system and improve ourselves.



Don't get caught up on wording in the report, think about next steps

Working Group Task-Table



If you think your recommendation is not included.

Anybody can volunteer to contribute.

| TOPICS | INSARAG WORKING GROUPS | | | | | | ERS |
|--|-------------------------|------------------------|---------|-----------------|-------|----------------------------|-----|
| | GUIDELINES REVIEW GROUP | TRAINING (AND SUB-WGS) | MEDICAL | INFO MANAGEMENT | IEC/R | NATIONAL CAPACITY BUILDING | |
| INSARAG SYSTEM (INSARAG GUIDELINES) | | | | | | | |
| <i>Speed of mission activation</i> | X | | | | | | X |
| <i>Flexibility /Adaptability and ASR levels</i> | X | | | | | | |
| <i>Building Marking</i> | X | | | | | | |
| <i>Triage and survivability in voids</i> | X | | | | | | |
| <i>New roles and strengthening roles</i> | X | | | | | | |
| PHASE IN, MANAGE, AND PHASE OUT A UC SYSTEM | | | | | | | |
| <i>General</i> | | X | | | | | X |
| <i>RDCs</i> | | X | | | | | |
| <i>UCC</i> | | X | | | | | |
| <i>Sectors</i> | | X | | | | | |
| <i>Phasing out a UC system</i> | | X | | | | | |
| <i>Working with UNDAC</i> | | X | | | | | X |
| WORKING WITH LEMA | | | | | | | |
| <i>Connections with LEMA at every level</i> | X | X | | | | | X |
| <i>UCC and LEMA Connection</i> | X | X | | | | | X |
| <i>Working with LEMA</i> | X | X | | | | | X |
| <i>Managing expectations of LEMA support</i> | X | X | | | | | X |
| <i>Declaring End of Int’l USAR operations</i> | X | X | | | | | X |
| <i>Donation process</i> | X | X | | | | | X |
| <i>Beyond the rubble</i> | X | X | | | | | X |
| <i>Training of LEMA</i> | X | X | | | | | X |
| LOGISTICS | | | | | | | |
| <i>Topics before arrival</i> | | X | | | | | |
| <i>Topics upon arrival</i> | | X | | | | | |
| <i>Topics during mission</i> | | X | | | | | |
| INFORMATION MANAGEMENT | | | | | | | |
| <i>Virtual OSOCC</i> | | X | | X | | | |
| <i>Are we collecting too much data?</i> | | X | | X | | | |
| <i>ICMS Software</i> | | | | X | | | |
| <i>Other digital tools</i> | | | | X | | | |
| MEDICAL | | | | | | | |
| <i>Medical</i> | | | X | | | | |
| SAFETY AND SECURITY ISSUES | | | | | | | |
| <i>Safety and Security</i> | X | X | | | | | X |
| TEAM RESPONSIBILITIES – TAKING OWNERSHIP | | | | | | | |
| <i>Team Responsibility</i> | X | | | | | | |
| TRAINING | | | | | | | |
| <i>More training</i> | | X | X | X | | | |
| <i>More variety in training</i> | | X | X | X | | | |
| COMPLIANCE AND IEC/R | | | | | | | |
| <i>Compliance</i> | X | | | | X | | |
| <i>IEC/R</i> | X | | | | X | | |
| NEW COLLABORATIONS AND TRAININGS | | | | | | | |
| <i>STRATEGY, OPERATIONS, AND TECHNICAL SEARCH</i> | | X | | | | | |
| <i>TEAM MANAGEMENT AND USAR COORDINATION</i> | | X | | | | | |
| <i>LOGISTICS</i> | | X | | | | | |
| <i>LOCALIZATION</i> | | | | | | X | |
| <i>NON-INSARAG TEAMS</i> | | | | | | X | X |

#1. Topics of Recommendations

WORKING WITH LEMA

Connections with LEMA at every level

UCC and LEMA Connection

Working with LEMA

Managing expectations of LEMA support

Declaring End of Int'l USAR operations

Donation process

Beyond the rubble

Training of LEMA

#2. Topics of Recommendations

COMPLIANCE AND IEC/R

Compliance

IEC/R

TEAM RESPONSIBILITIES – TAKING OWNERSHIP

Team Responsibility

#3. Topics of Recommendations

| |
|--|
| INSARAG SYSTEM (INSARAG GUIDELINES) |
| <i>Speed of mission activation</i> |
| <i>Flexibility /Adaptability and ASR levels</i> |
| <i>Building Marking</i> |
| <i>Triage and survivability in voids</i> |
| <i>New roles and strengthening roles</i> |
| PHASE IN, MANAGE, AND PHASE OUT A UC SYSTEM |
| <i>General</i> |
| <i>RDCs</i> |
| <i>UCC</i> |
| <i>Sectors</i> |
| <i>Phasing out a UC system</i> |
| <i>Working with UNDAC</i> |

#4. Topics of Recommendations

INFORMATION MANAGEMENT

Virtual OSOCC

Are we collecting too much data?

ICMS Software

Other digital tools

#5. Topics of Recommendations

MEDICAL

Medical

LOGISTICS

Topics before arrival

Topics upon arrival

Topics during mission

TRAINING

More training

More variety in training

SAFETY AND SECURITY ISSUES

Safety and Security

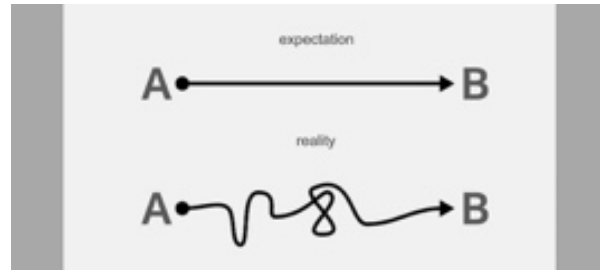
Key messages

- The INSARAG system works
- More training
- More variety in training
- More compliance

New: Scenario Matrix

| Topic | Variations | 1 st scenario Easy | 2 nd scenario Hard | 3 rd scenario Türkiye | 4 th scenario Random |
|----------------------------------|---|-------------------------------------|-------------------------------------|--|---------------------------------------|
| Collapsed buildings | Few compared to number of teams | x | | | |
| | Manageable compared to number of teams | | | | x |
| | Overwhelming compared to number of teams | | x | x | |
| Survivors in collapsed buildings | Few As (known) | x | | | x |
| | Few Bs (known) | | | | |
| | Few Cs (unknown) | | | | |
| | Many As (known) | | x | x | |
| | Many Bs (known) | | x | x | |
| | Many Cs (unknown) | | x | x | |
| Internet | Full internet | x | | | |
| | Gradually improving | | x | x | |
| | Intermittent | | | x | |
| | No internet | | | | x |
| RDC | 1 RDC USAR desk | x | | | x |
| | Other RDC desks also that support each other | | | (x)* | |
| | Multiple RDCs | | x | (x) | |
| UCC/SCC structure | UCC sector only | x | | | |
| | UCC generates sectors within UCC sector | | | x | |
| | UCC generate sectors outside of the UCC sector | | | x | |
| | LEMA generates sectors | | x | x | x |
| LEMA linkages | Full | X | | | x |
| | Partial | | | x | |
| | None | | x | | |
| ASR1-4 | LEMA has full information, works closely with UCC to assign tasks | x | | | |
| | LEMA gives UCC some info on A/B buildings. Assign ASR3/4 + ASR2 | | | | |
| | LEMA done ASR1, sent UCC to hotspots, start with ASR2/recces | | | x | |
| | No information at all – start with ASR1 | | x | | x |
| LEMA support | Full | x | | | |
| | Transport | | | (x) | x |
| | Translators | | | x | |
| | Fuel | | | x | |
| | None | | x | | |
| UNDAC support | Full | x | | | x |
| | Partial | | | x | |
| | None | | x | | |
| Safety and security | No problems | x | | | |
| | Specific problems | | | x | x |
| | Working in a non-secure environment | | x | | |
| Etc. | | | | | |

*(X) maybe need to add rows to better describe or partial



Q&A

TEA/COFFEE BREAK



Meeting will resume in 30 minutes

04

Breakout discussions on the way forward/implementation plan

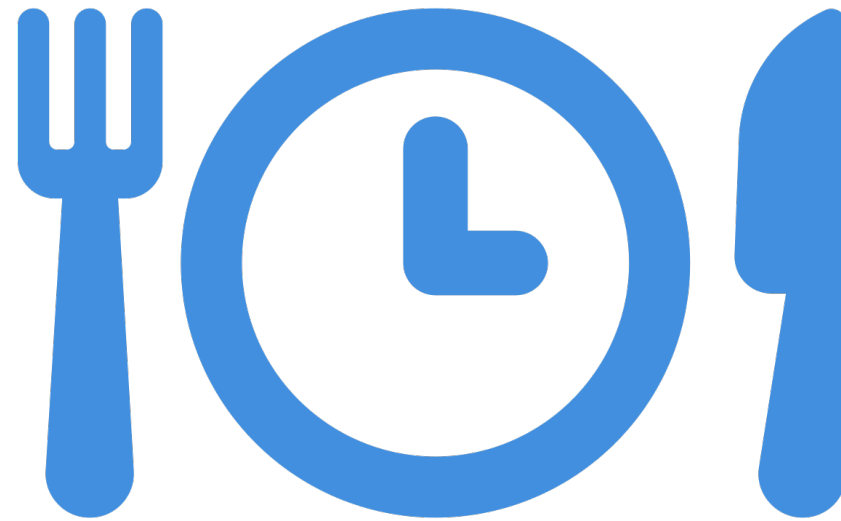


| Pillar/Breakout Session | Working Group | Facilitator |
|---|--------------------------|---|
| 1. Capacity Building / Localisation 3.3 Working with LEMA | NCBWG | Sebastian Mocarquer Wahyudi Putra Joe Kaleda Daniel Gheorghita |
| 2. Quality Standards / Compliance 3.8 Team Responsibilities – Taking Ownership 3.10 Compliance and IEC/R | IEC/R WG | David Sochor Annika Coll Eriksson Belit Tasdemir |
| 3. INSARAG Systems / Guidelines 3.1 INSARAG System as defined by the INSARAG Guidelines 3.2 Phase In, Manage, and Phase Out a USAR Coordination System | GRG, TWG | Dewey Perks Solveig Thorvaldsdottir Sara Rathbun |
| 4. Information Management 3.5 Information Management | IMWG | Jeff Maunder Peter Wolff Martijn Boer John Morrison Whitney Veen |
| 5. USAR Operations 3.4 Logistics 3.6 Medical 3.7 Safety and Security Issues 3.9 Training | TWG, MWG, + Other | Ross Bramich Hector Fuentes Christophe Debray Welter Chagas Ove Syslak |

Breakout Rotation Schedule

| Rotation | Group 1 | Group 2 | Group 3 | Group 4 | Group 5 |
|-------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 12:45-13:30 | Capacity Building & Localization | Quality Standards & Compliance | INSARAG System & Guidelines | Information Management | USAR Operations |
| 13:30-1500 | LUNCH BREAK | | | | |
| 15:00-15:45 | Quality Standards & Compliance | INSARAG System & Guidelines | Information Management | USAR Operations | Capacity Building & Localization |
| 15:45-16:30 | INSARAG System & Guidelines | Information Management | USAR Operations | Capacity Building & Localization | Quality Standards & Compliance |
| 16:30-17:15 | Information Management | USAR Operations | Capacity Building & Localization | Quality Standards & Compliance | INSARAG System & Guidelines |
| 17:15-18:00 | USAR Operations | Capacity Building & Localization | Quality Standards & Compliance | INSARAG System & Guidelines | Information Management |

LUNCH BREAK



Meeting will resume at 15:00



**Breakout discussions on the way
forward/implementation plan - continued**



INSARAG After-Action Review of the USAR Response to the Türkiye and Syria Earthquakes

17 – 18 October 2023

Doha, Qatar



05

**Recommendations, way forward, summary of
action points**

Capacity Building and Localization

1. Action Plan and way forward was presented

- A top-down approach on the way forward was presented, that included the following:
 - Revision of Manual A: Capacity Building
 - Guidance on Host Nation Support
 - Guidance on national USAR Coordination
 - Training packages
- Support to move forward, acknowledging the challenging timeline presented
- Most of the topics will need to be developed in the near future and consulted with the INSARAG network
- The topics regarding national capacity building and localization have been considered in the work plan for the NCBWG (2024-26)

Breakout Session Takeaways

Capacity Building and Localization

2. Summary of additional feedback received

- The interaction between LEMA and the UCC was discussed, highlighting the following:
 - Closer link between LEMA and UCC, specially at the initial stages
 - Strengthening the linkage between UNDAC and UCC to enhance coordination, particularly at a national level
- Requesting member state's disaster response and coordination framework should be understood by international assistance participating in the response:
 - Providing national framework summary can bring more understanding for international USAR teams
 - Develop host nation guidance/factsheet for reference to be used in pre-deployment research or available at arrival in country



Capacity Building and Localization

2. Summary of additional feedback received (cont.)

- Sharing perspective between LEMA, MFA and national stakeholders regarding the international assistance is part of the preparedness phase
 - Should be part of national disaster response framework, plans and training
- Some practical suggestions were discussed to improve coordination between LEMA and UCC/SCC :
 - Liaison from LEMA embedded in UCC to help better coordination
 - Establish close coordination between LEMA and UCC to support SCC operations
 - Availability of translators

Capacity Building and Localization

2. Summary of additional feedback received (cont.)

- Host nation support was discussed and identified as a significant area where guidance can be developed:
 - There are available references to be considered
 - Europe and ASEAN regions have guidance available
 - Provide the basic guidance how to use military resources (CMCoord) for the host country (OSLO guidelines)
- End of International USAR Operations
 - The concept that there should be only one Search and Rescue phase with transition to recovery that should be determined by the LEMA was discussed.
 - International teams may or may not stay throughout this locally determined phase.
 - Guidance to be developed accordingly

Capacity Building and Localization

2. Summary of additional feedback received (cont.)

- Changing the word "USAR" to "Disaster Response System" can be an alternative approach to implement capacity building in member states
- There is a need to take an approach to non-classified teams so they can be integrated into the response, if accepted by the affected country
 - Member states should encourage NAP/IRNAP

Quality Standards and Compliance

How useful was the existing IEC/R process (quality assurance) for your deployment to Türkiye/Syria-and how inflicts your experience from the operation to the preparation of your next IER?

Discussion: Existing Quality Assurance Process is useful but a response is chaotic and needs a more flexible approach.

Further to discuss and to develop:

- Teams debrief in a self-critical way with the help of IEC/R Checklist and discuss within Team and the Mentor way ahead for next IER
- Joint trainings, exercises and IERs with partners
- More demanding and challenging IER exercises (more flexibility demanded) →demands more experienced mentors and classifiers

Quality Standards and Compliance

Team Responsibilities and taking Ownership

Discussion: Is in the interest of the operation and is in general a positive reaction to an uncertain situation → network and partners have to be informed → do no harm

Further to discuss and develop:

- Should be mentioned and approached in the Guidelines
- Needs highly qualified Management staff that is able to evaluate and assess the situation and to take fast decision → Recruitment and training of management staff
- Adapting methodology according the situation and goals

Quality Standards and Compliance

Compliance to INSARAG Methodology/Minimal Standards-how to handle No Compliance during deployment?

Discussion: Controversial discussion on how to deal with no compliance
→take action or no.

Further to discuss and develop:

- **Distinguish between misconduct and non compliance and individual and collective non compliance**
- **Collect and analyze the reason and severity, to find out why this happened/happens and to take corrective actions**
- **Self-critical approach and assessment**
- **Evtl. build a “ethical board” of wise women and men**
- **Evtl. to take on in Guidelines and the IER process**

RDC

- Teams can help fill the gap.
- Use the mentoring programme regarding understanding compliance.
- Take into account LEMA's perspective, what are they planning

ASR2 |

- use Photos

Assignments, more examples of variety:

- ASR2 implies you have to look for tasks, but they may come to you. Include scenarios where there is no need to look for tasks, and you go directly to some versions of ASR3 and 4.

Ending USAR operations

- Different types
 - Endings can be natural
 - No more missing people
 - All logs resources depleted
 - Team exhausted
 - Endings can be political
- Better to talk about handing over to LEMA, then ending a phase, unless the phase is finished an everyone has been accounted for.
- Review the text in the Guidelines and consider
 - Body recovery can be very important to LEMA
 - If teams need to leave because their logistical resources are depleted, LEMA might be able to resupply teams so that they can stay longer, if LEMA wants them to stay longer than the IG-stated duration
 - LEMA will understand it teams need to leave after the accepted operational period of 10/7/5 days.
 - Discuss matters with LEMA and be flexible and sensitive to their needs, while maintaining the needs of the team members.
- We can „front-load“ the issue by talking to LEMA early on about when the teams will start to leave, not leave the discussion until they are leaving.

New text in the form of Guidance Notes or Technical References about the Guidelines

- Consideration notes – shorter versions for new people

E-learning

- Using the Scenario Matrix to develop a variety of E-learning
- Many teams could participate in the making of that
- Using E-learning for evaluation and understanding impact.

Training

- Annual training calendar for „back-to-basics“

Flexibility, adaptive, decisive

- Add a text that the UCC can deviate from the procedures in the Guidelines, if need be, including the +/-12 hours in the Triage categories. As such, management may decide how much time is spent on a building before moving on.
- Good to have simplified triage categories to ABC, but further explanations for C buildings is needed.

Teams vs INSARAG responsibility

- Spend more time define team vs. INSARAG responsibility when reviewing the Guidelines.



Information Management Working Group (IMWG)

INSARAG
Turkiye AAR – FEEDBACK on recommendations
Doha, Qatar
2023

Preparedness Response

Key Activities

| Suggested Recommendation | Issues | Actions | Responsible Party, e.g., MWG, Secretariat |
|----------------------------------|--|--|---|
| VOSOCC | VOSOCC should only be used to have one-way communication from the coordination cells to the teams. Communication to the coordination cells through other (verified) means. | FACT sheet in duplication, try a simplified version on the VO. Recommended structure as in page 52 of AAA&R. Limiting comments: Talk to VOSOCC. | IMWG, GRG |
| Are we collecting too much data? | Yes. <ul style="list-style-type: none"> Simplification of following forms: <ul style="list-style-type: none"> Work Site Triage Form Work Site Report Form Victim Extrication Form Patient Treatment Form | Reduce information from each form: <ul style="list-style-type: none"> Combine WST+WSRF=WSF. Removed logistics request out of WSRF form. Reduce medical form | MWG, IMWG |
| Flexibility | <ul style="list-style-type: none"> Delinking work-site ID to sector ID. Ability to assign and report on work-areas. Add as many coordination layers as needed. Allowing teams to fill in forms in any order based on ASR levels. | Introduce change proposals for ICMS to ISG: <ul style="list-style-type: none"> Worksite ID change Coordination layers Work Areas/Sub sectors | IMWG, TWG |
| ICMS | More user friendly. <ul style="list-style-type: none"> Technology changes mean changes will be required by the end of 2025. Field work simplification will make it more user-friendly Enhanced functions | Redevelopment necessary. <ul style="list-style-type: none"> - Limit bandwidth needed. - Leave ICMS 2.0 as is until transition to ICMS 3.0. - Develop ICMS 3.0 (incl. quick-capture, worksite ID, etc.) after endorsement ISG. | IMWG |

VOSOCC should only be for one-way communication from the coordination cells

- FACT sheet in duplication, try a simplified version on the VO.
- Recommended structure as in page 52 of AAA&R.
- Limiting comments: Talk to VOSOCC.
- Changes to Mobilising and alignment of team status messages on VO + ICMS to Guidelines

Feedback

- Attention for an NGO that is offering deployment through VOSOCC. Provide vetted contact info for this.
- Based on history, self-regulation has not worked.
- Use the exact same wording in ICMS (team status). Make sure that these aren't too many statuses.
- Monitoring is a political statement and has a function. This may still be needed. Morocco is an example.
- Who is the guardian during an incident (to clean up if necessary)?
- One way information begins after a UCC is established.
- Concerns about the delay of information, especially about security. Adding UCC as an extra step may delay time-critical information (ex. location minefield)
- There should be one section for open chat between teams.
- Focus on other tools than ICMS in training.
- Can we get VOSOCC rebuilt in modern technology. This way we can automatically connect the systems.

Are we collecting too much data?

- Reduce information from each form:
- Combine WST+WSRF=WSF.
- Removed logistics request out of WSRF form.
- Reduce medical form

Feedback

- We must be able to reopen a worksite after it is closed.
- Explain why victims extricated is not included in worksite update, ideally the system would add up the victim extrication forms.
- Explain link of Victim Extrication Form to Patient Treatment Form – development of a unique ID tying the forms together

Flexibility

- Introduce change proposals for ICMS to ISG:
- Worksite ID change
- Coordination layers
- Work Areas/Sub sectors

Feedback

- The OFP designates team IDs 01-09 + 10-99 beforehand. Anything unknown is 100+. Where is this kept track?
- Breaks down the requirement to do your ASR's in a linear fashion.
- It could be confusing to use a country in the worksite ID. Telephone country code could be better. Consideration of political issues.
- Look into: system automatically gives teams system-generated worksite numbers. Maybe when a team goes to "Activated" on VOSOCC.
- Potential conflict of team 3-digit numbers if there is more than one RDC.
- Support for additional coordination layers, definition of the terminology is very important
- Span of control is usually 5 to 9. Depending on levels of team
- There needs to be a balance in amount of coordination: are there enough trained coordination team-members to work in coordination?

ICMS

Redevelopment necessary.

- Limit bandwidth needed.
- Leave ICMS 2.0 as is until transition to ICMS 3.0.
- Develop ICMS 3.0 (incl. quick-capture, worksite ID, etc.) after endorsement ISG.

Feedback

- Possible external developers? Vs Teams who have Esro/GIS Developers.. Supporting IMWG developers
- Important that the developer(s) have a link to the INSARAG community.
- Is there a possibility to put in a “super-flash” priority category?
- Build a paper system based on a digital system, and not the other way around.
- What do you do when there is no data for an extended period of time? Do you fall back to paper or keep digital so
- that it uploads when there is internet.
- A way to automatically summarize all the dots about a worksite into one dot (in ICMS 2.0).

Future for Field Applications

10:10 88%

Worksite Report

INSARAG
Preparedness - Response

▼ **Worksite Information**

E1. Worksite ID
The Worksite Sector, Worksite Number and Suffix letter combined

Worksite Sector *

Worksite Number *

Suffix letter (optional)
Use only if a large building has been segmented into smaller elements.

E2. GPS Coordinates
Latitude: 25.375847 Longitude:

✓



10:11 87%

INSARAG
Preparedness - Response

Damage

Destroyed Moderate

Minor Undamaged

Observer Hazards

Animal Hazard Hazard Fire Other

Hazard Flood Hazardous Materi

Occupants

A R

GPS accuracy 13.3 m

IMWG Work Plan Timeline



INSARAG | 30
Preparedness | Response YEARS

2024-2026



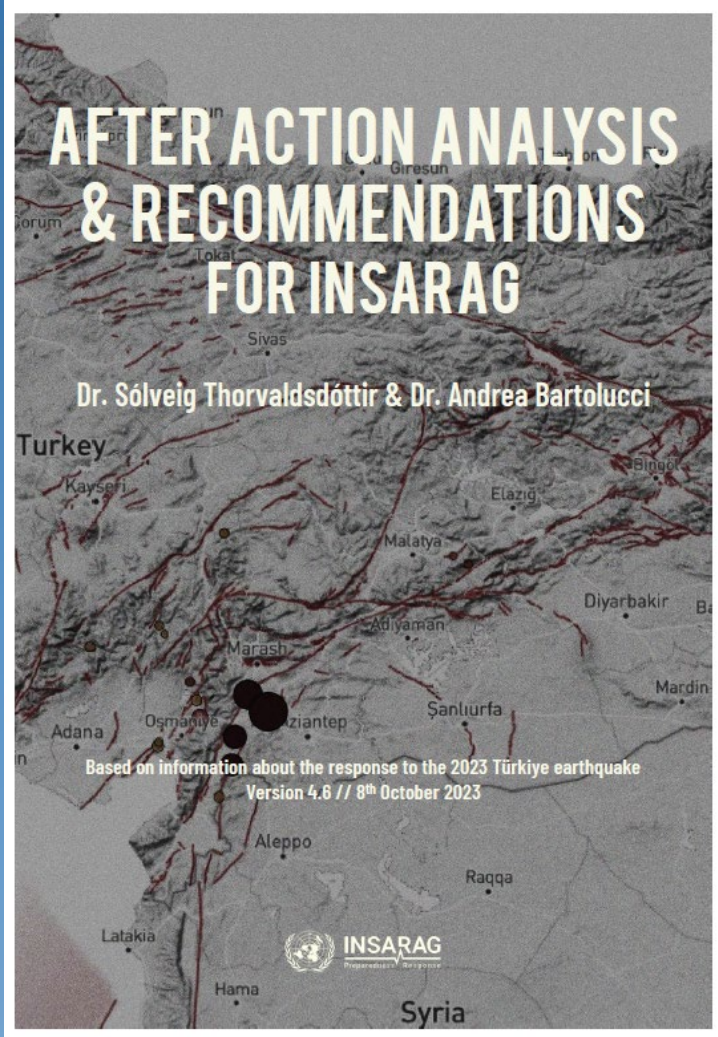
IMWG Work Plan Timeline



INSARAG | **30**
Preparedness | Response YEARS

2024-2026





USAR Operations

Logistics

Medical

Safety & Security

Training



USAR Operations

Logistics

Information available on VO,
its location and its validation

Medical

Commercial airlines

Safety & Security

Self sufficiency

Training



USAR Operations

Logistics

Medical

Safety & Security

Training

Crush syndrome

Amputations

Mental Health

Authority to practice



USAR Operations

Logistics

Medical

Safety & Security

Training

Climate

Flash Notification system

Escalating crowds



USAR Operations

Logistics

Medical

Safety & Security

Training

More

More variety



TEA/COFFEE BREAK



Meeting will resume in 30 minutes



SESSION 5b

Recommendations, way forward, summary of action points – Q&A

Q&A



SESSION 6

The role of INSARAG in complex emergencies

The role of INSARAG in complex emergencies

Sebastian Rhodes Stampa, INSARAG Secretary

Can and should INSARAG Teams Operate in Complex Emergencies?

A **complex emergency**, as defined by the UN, is “a humanitarian crisis in a country, region, or society where there is a total or considerable breakdown of authority resulting from internal or external conflict and which requires an international response that goes beyond the mandate or capacity of any single agency and/or the ongoing UN country programme”

The role of INSARAG in complex emergencies

Sebastian Rhodes Stampa, INSARAG Secretary

Nothing in GA 57/150 specifically precludes INSARAG Operations in complex emergencies or insecure environments. However, there are two main elements to this question both with different considerations:

- **Can and should INSARAG operate in insecure environments?**
- GA 57/150 clearly reaffirms that: **'the sovereignty, territorial integrity and national unity of States must be fully respected** in accordance with the Charter of the United Nations, and, in this context, humanitarian assistance should be provided with the consent of the affected country and, in principle, on the basis of an appeal by the affected country'. In these circumstances how can INSARAG support affected populations without 'State Consent'?



SESSION 7

Closing statements

Closing Statements



Recep Salci

Türkiye INSARAG
Operational Focal Point,
Disaster and Emergency
Management Presidency
(AFAD).



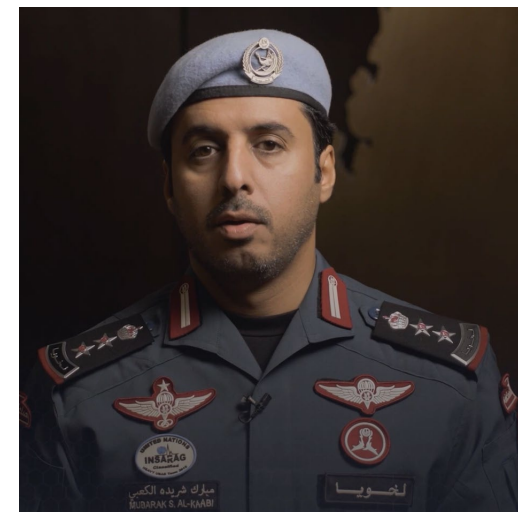
**Sebastian
Rhodes Stampa**

INSARAG Secretary and
Chief, Emergency
Response Section, OCHA.



Amb. Dominik Stillhart

INSARAG Incoming Global
Chair,
Deputy Director General, Swiss
Agency for Development and
Cooperation (SDC).



**Colonel Staff Mubarak
Sherida Al Kaabi**

INSARAG AEME Regional Chair
2023 and Commander, Qatar
International Search and
Rescue Group.



OCHA

THANK YOU!



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Preparedness • Response