

INSARAG Coordination & Management System Training Session

Online Team Training Session

Survey123 for ArcGIS Explorer for ArcGIS

https://icms-insarag.hub.arcgis.com





What is the INSARAG Coordination Manangement System?

Complex USAR operations result in increased workload. The INSARAG Coordination and Management System (ICMS) offers a standardised and systematic approach to collect and report information at all levels in line with USAR Coordination Methodology;

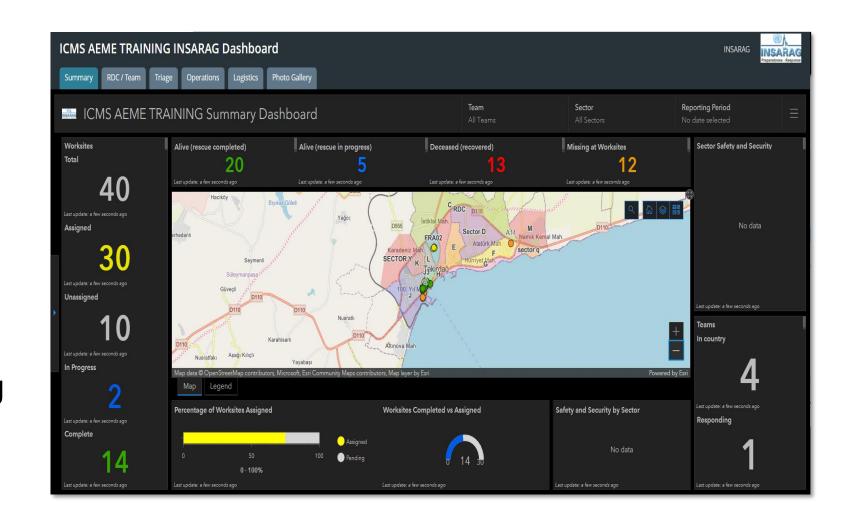
- The INSARAG Coordination Management System is of a suite of applications that combine to form an effective coordination system during a response
- The system can be accessed through the INSARAG HUB, which is a common landing page that provides access to events and training material. During deployments, a link to the HUB will be posted on the VO
- Data can be collected using two key applications for mobile devices

From a dream to reality





- Near real time information Dashboard
- Common Operational Picture
- UCC receives data and requests from teams
- Teams receive information and tasking from UCC



Important Forms currently in our Guidelines 2020





- 1.) Team Fact Sheet / Demobilization Form
- 2.) Worksite Triage Form
- 3.) Worksite Report Form
- 4.) Victim Extrication Form
- 5.) Resource Request Form
- 6.) Humanitarian Needs Identification Form

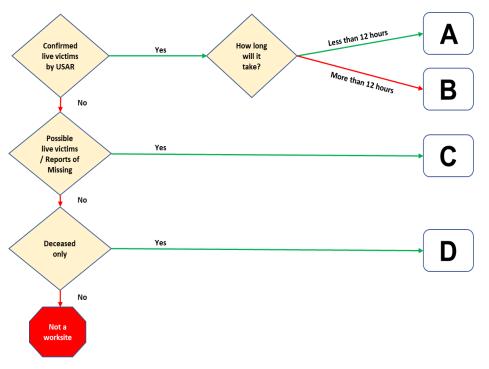
Incident / Sector Situation Report / Wide area assessment

Mission Summary Form

Triage Category Guidelines 2020







Triage Categories	Victim Information	Expected Duration of Operation
Α	Confirmed live victims	Less than 12 hours
В	Confirmed live victims	Longer than 12 hours
С	Possible live victims	Not assessed
D	Deceased only	Not assessed

Table: Triage categories.

- Confirmed live victims: Means that the USAR assessment team knows that there are people alive in the collapsed structure.
- Possible live victims: Means that there is a possibility that people are alive in the structure, but
 the assessment team cannot confirm whether people are alive or even in the structure. Examples
 of possible live victims is when by-standers report missing people, or a collapse of a school that
 was in session.
- Deceased only: Means that there are not live victims, but the LEMA may want to send teams to
 the site to recover the bodies.

	Preparedness - Response						
Building information		50.000.0					
E1. Worksite ID		E2. GPS Coordinate Decimal format	S	±dd.dddd°	±ddd.		
E3. Address							
E4. Worksite bounda	ry description						
E5. Building Use		•					
F9. Construction mater	ial						
F10. Floor area	m x m	F11. No. of floors	#	F12. No. of base	ements	#	
Victim infomation				F8. Triage Category			
F4. Total number of live	victims confir	med by team	#		< 12 hours	> 12 hours	
F5. Will the operation ta	ike less than 1	2 hours?	Y/N	Confirmed live	A	В	
F6. Total reported missing (indicating possible live finds). If none, put 0. If unknown leave blank				Possible Live Victims	C		
F7. Are there deceased? If yes, estimate on how many? If no, put 0. If unknown leave blank.				Deceased Only	Deceased D		
F13. Building collapse			•				
F13. Building collapse	•	o he needed at this Wo	orksite				
F13. Building collapse	•	o be needed at this Wo		nt. time required.	etc.:		
F13. Building collapse F15. Main USAR opera Type:	ations likely t	o be needed at this Wo Number of personnel, Details:		nt, time required,	etc.:		
F13. Building collapse F15. Main USAR opera Type: A: Dog/technical search	ations likely t	Number of personnel,		nt, time required,	etc.:		
F13. Building collapse F15. Main USAR opera Type: A: Dog/technical search B: Shoring and propping	ations likely t	Number of personnel,		nt, time required,	etc.:		
F13. Building collapse F15. Main USAR opera Type: A: Dog/technical search B: Shoring and propping C: Breaking, breeching	ations likely t	Number of personnel,		nt, time required,	etc.:		
F13. Building collapse F15. Main USAR opera Type: A: Dog/technical search B: Shoring and propping C: Breaking, breeching D: Lifting and moving	ations likely t	Number of personnel,		nt, time required,	etc.:		
F13. Building collapse F15. Main USAR opera Type: A: Dog/technical search B: Shoring and propping C: Breaking, breeching D: Lifting and moving E: Rope/height working	ations likely t	Number of personnel,		nt, time required,	etc.:		
F13. Building collapse F15. Main USAR opera Type: A: Dog/technical search B: Shoring and propping C: Breaking, breeching D: Lifting and moving E: Rope/height working F: Medical needs	ations likely t	Number of personnel,		nt, time required,	etc.:		
F13. Building collapse F15. Main USAR opera Type: A: Dog/technical search B: Shoring and propping C: Breaking, breeching D: Lifting and moving E: Rope/height working	ations likely t	Number of personnel,		nt, time required,	etc.:		
F13. Building collapse F15. Main USAR opera Type: A: Dog/technical search B: Shoring and propping C: Breaking, breeching D: Lifting and moving E: Rope/height working F: Medical needs	ations likely t	Number of personnel,	equipme	nt, time required,	etc.:	mm	

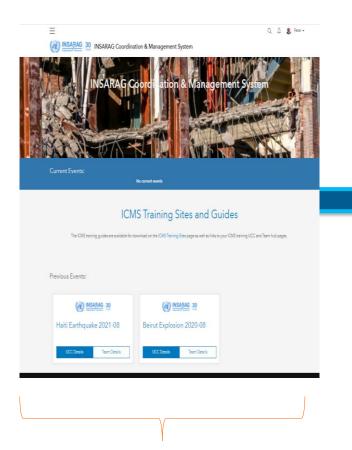
The ICMS suite of applications



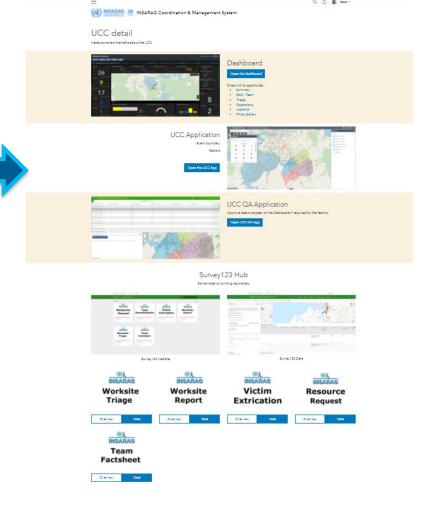








INSARAG HUB



Mobile Applications

Survey123 for ArcGis (app)





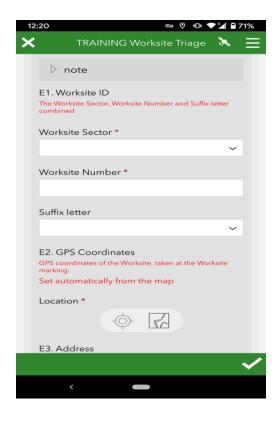
Survey123 allows users in the field to collect data on a mobile device

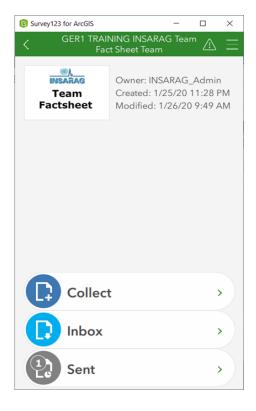
Survey 123 is a digital replacement for paper forms. Data can be collected, and that information is then displayed on a central dashboard where decision makers can use it, to make more informed decisions.

The Survey123 app can be downloaded directly to your device







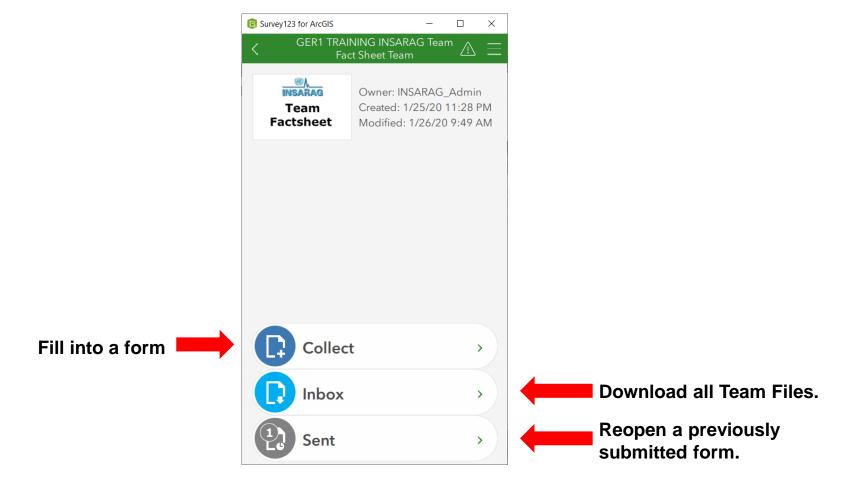


Survey123 for ArcGis (app)





Once a form is completed, users can either reopen the submitted form to review, make changes or can create a new form to complete. It is also possible to Copy into a new one.

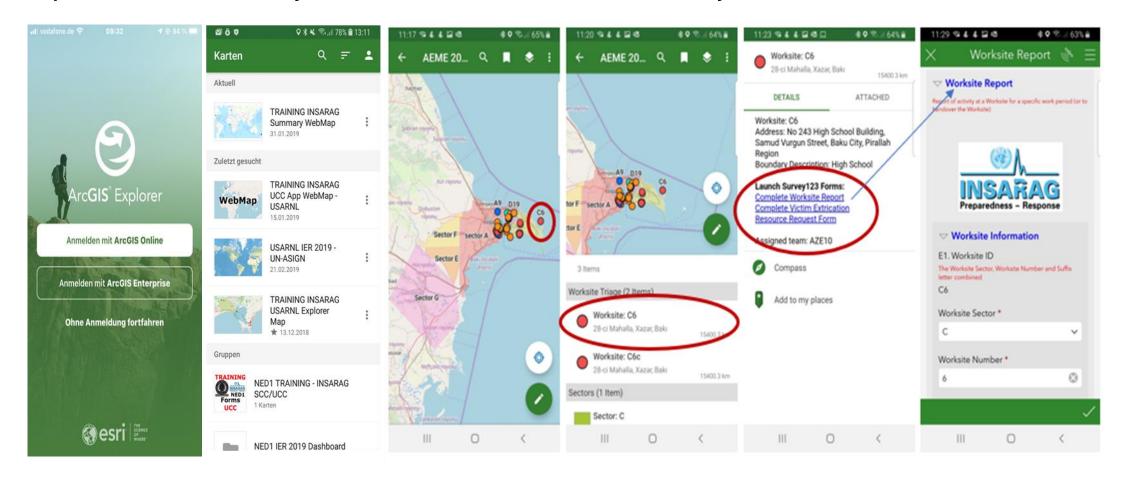


Team Activity with Explorer from the field





Explorer is an app that allows users to see a map of the deployment area, and the worksites that have been identified. Explorer also links with Survey123 and allows users in the field to view already entered information.

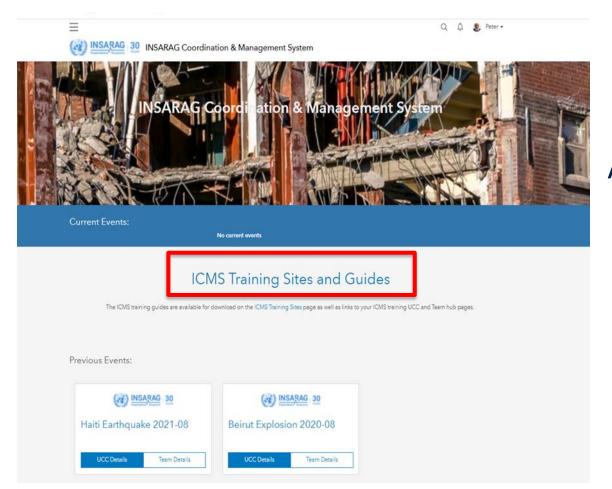


This app can be used to retrieve partially pre-popullated worksite report and victim extrication forms

Access to the ICMS HUB







https://icms-insarag.hub.arcgis.com

All teams have been issued unique Log-on details and passwords by the Information Management Working Group.

Below the live events or exercises, are the training sites and guides

Access to the ICMS HUB and both applications





Use the account details below to log into your team's account

https://icms-insarag.hub.arcgis.com

Team Account

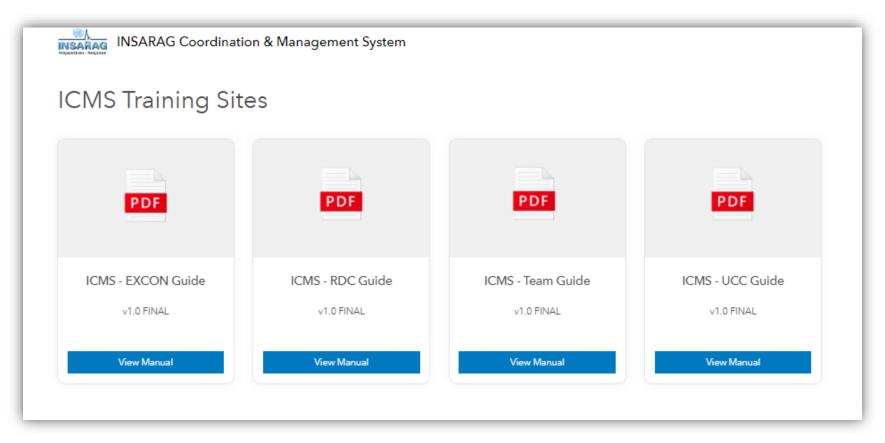
Log-on:

Password:

ICMS Training Material







Available within the Hub at https://icms-insarag.hub.arcgis.com and www.insarag.org

Can be downloaded and stored locally

ICMS Training Sites









INSARAG 30 INSARAG Coordination & Management System

Regional Trainings (for SIMEX)

Region	UCC	Team
Africa/Europe/Middle East	UCC Details	Team Details
Americas	UCC Details	Team Details
Asia/Pacific	UCC Details	Team Details
2021 China SIMEX	UCC Details	Team Details
2021 INSIEME Exercise	UCC Details	Team Details

Africa/Europe/Middle East

Team	Name	UCC	Team
ALG01	H-USAR, Algeria	UCC Details	Team Details
ARM01	ARMENIA URBAN SEARCH AND RESCUE TEAM (AMUSAR)	UCC Details	Team Details
AUT01	Search and Rescue Unit Vorarlberg (SARUV)	UCC Details	Team Details
AUT02	Austrian Forces Disaster Relief Unit (AFDRU)	UCC Details	Team Details
AUT10	Samaritan Austria - Rapid Response Team (SA-RRT) MUSAR	UCC Details	Team Details
BEL01	Belgium First Aid and Support Team (B-Fast)	UCC Details	Team Details

Below the training guides on the Hub, are training areas for all teams

There are shared training areas for the different INSARAG regional groups

And below this, each team has an individual training site

Different Access Levels







The ICMS system has two different levels of access, according to the role being carried out

Team access for capture and assurance of team data from;

- Team Factsheets
- Worksite Triage Forms
- Worksite Reports
- Victim Extrication Forms
- Resourcing

Used by Team members and management

UCC access for coordination of the response and management of :

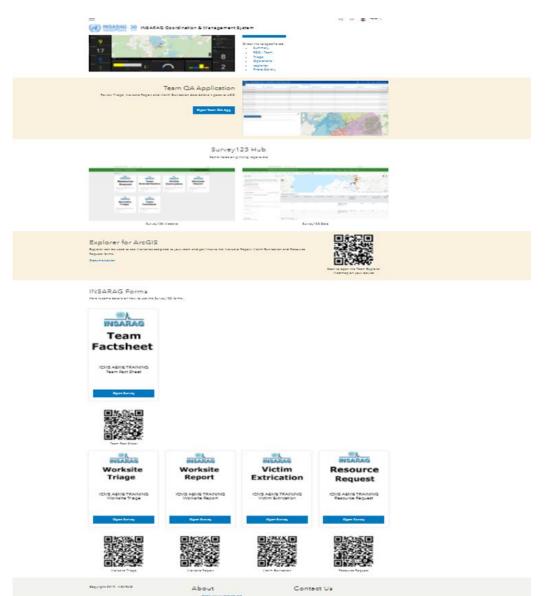
- Team Information
- Worksite Triage/Assignment
- Operations management
- Resource management

Used by Coordination Staff

Team Access Level







Once you are logged into your team training account, you will see the options to access the different elements of the system as shown opposite;

The ICMS Operations Dashboard

The QA application

The Survey123 Hub

and

QR codes for the Explorer application, and different INSARAG forms within the Survey123 app.

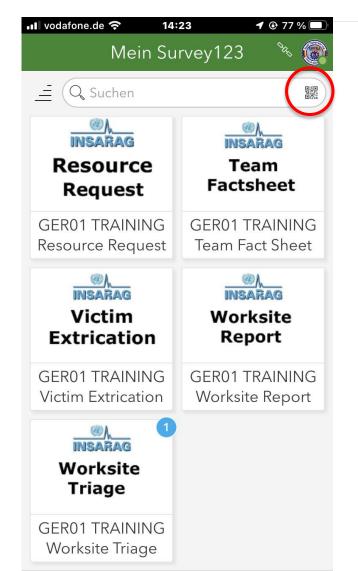
Data Collection

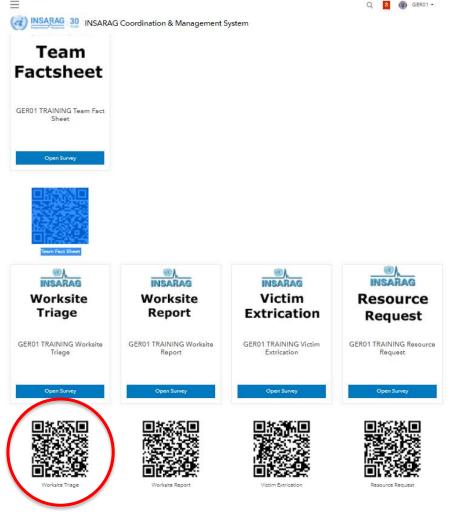




Teams should preferably download the forms with the QR code functionality

- Teams should preferably download the forms from the ICMS Team Hub via the QR code functionality
- Select the form you wish to download via the QR functionality from Survey 123
- You will find pre-filed Team information at the forms
- Complete the form as per normal

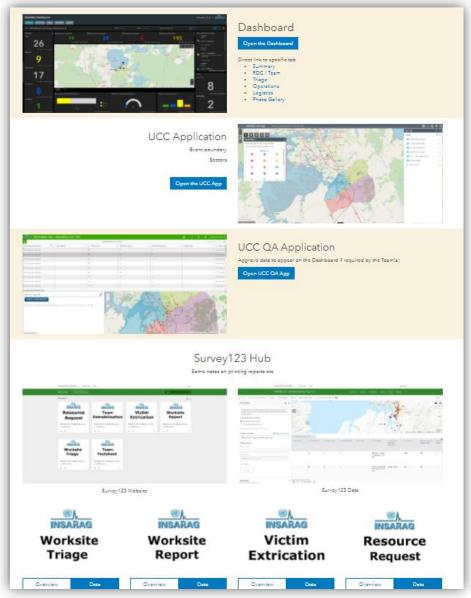




UCC Access Level







Within the UCC account, there are more options and greater access to elements of the system shown opposite;

The ICMS Operations Dashboard

The UCC Application

The UCC QA application

The Survey123 Hub

So how does this link to USAR Coordination?





USAR coordination overview





Expectations of USAR teams





Establish and/or support USAR coordination functions:

- Reception Departure Centre (RDC)
- USAR Coordination Cell (UCC)
- Sector Coordination Cell (SCC)

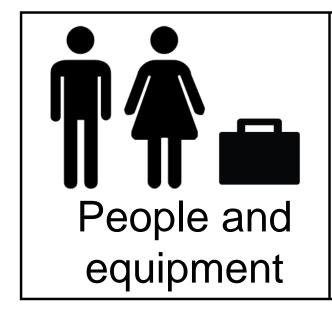


Expectations of USAR teams





Depending on the scale and complexity of the incident, teams may be required to supply one of the following to support coordination efforts:









Expectations of USAR teams





Personnel may include:

- 2 or 4 team members
- Trained
- In pairs if possible
- For duration of deployment
- Self sufficiency



Expectations of USAR coordination members





- Work under one system:
 - INSARAG forms and reports
 - Coordination model
 - Information displays
 - ICMS



- Communication, diplomacy and negotiation skills
- Able to set up and operate relavent systems

What is coordination?





coordination

noun [U] • UK 🚺 /kอช,จะ.dɪˈneɪ.ʃən/ US 🚺 /koʊ,จะr.dənˈeɪ.ʃən/

the act of making all the people involved in a plan or activity work together in an organized way:

Why coordinate?





If USAR operations are well coordinated, MORE opportunities will be presented for MORE teams to rescue MORE people!





Coordination Overview

USAR Coordi

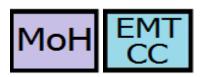
In conjunction

- Coordii
- Identify
- Conduction
- Monito
- Prepar

Emergency Medical Team Coordination Cell

In conjunction with Ministry of Health:

- Screen and register international EMT's
- Verify compliance with national and international standards
- Assign and task Emergency Medical Teams
- Prepare for demodilisation



- Support logistical arrangements
- Monitor and update Virtual OSOCC



UCC

Team and Coordination work flow during deployments



TEAM ACTIVITY WITHIN ICMS



Completed by the team at start of the deployment with all relevant information

Teams complete triage forms in Survey123 and data will either be directly uploaded or require approval via QA

Teams receive tasks from the UCC and can download and print forms

The Operations
tab of the
Dashboard
updates only
when a Worksite
Report is
submitted

Information from submitted Victim Extrication forms is displayed on the operations and summary tabs

Teams should update the Team Fact Sheet with information regarding demobilisation

Team Factsheet

Triage

Tasking

Reporting

Extrication

Demobilisation

Monitored by coordination staff for overview of team numbers, capabilities and arrival time

Coordination Staff monitor incoming worksites and those awaiting approval by team managers Taskings are allocated by staff monitoring the Triage Tab of the Dashboard and assigning teams to worksites

Operations
Reports may
need to be
authorised by
Team Command
Points or UCC
using the QA app

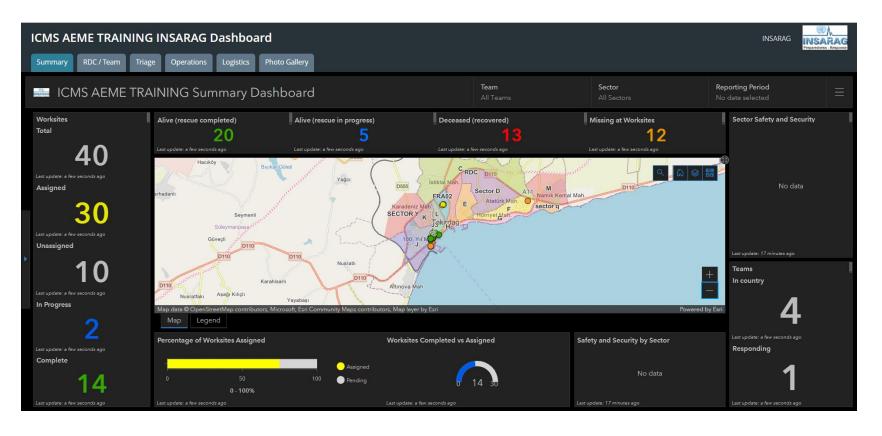
Coordination staff
can monitor
information on
victims and also
monitor forms still
waiting for team
management to
QA

Information from each team can be used to assess resources used and required as teams begin to demobilise

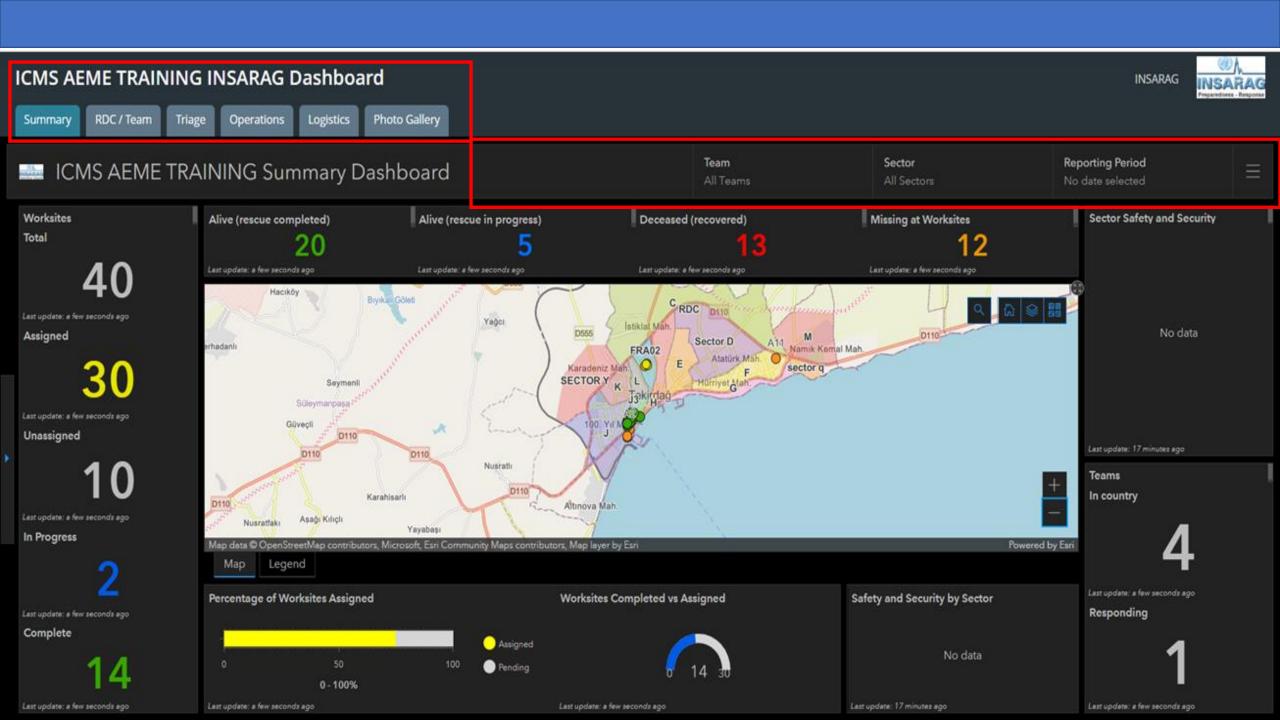
All information is displayed on the Dashboard







The Dashboard can be filtered to show information relating to the entire deployment for LEMA and OSOCC briefings, by individual teams to conduct team briefings, and by Sector for Cordination Briefings





Medium

Heavy

Last update: a few seconds ago

ICMS AEME TRAINING INSARAG Dashboard **INSARAG** RDC / Team Logistics Photo Gallery Summary Triage Operations Team Arrival or Departure **Team Response Status** INSARAG RDC / Team Dashboard Show All Teams No date selected **Team List RDC Support** D555 AUT10 C RDC D110 In Country Samaritan Austria - Rapid Response Team MUSAR Istiklal Mah. D555 Country: Sector D Namik Kemal Mah FRA02 Atatürk Ma Classification: Medium Karadeniz Mah sector q INSARAG Classified: No SECTOR Y Expected Arrival: 11/11/2021, 9:00 AM Last update: a few seconds ago **RDC Support** UCC/OSSOC Support Medical BoO: 40.985 27.509 No data 100. Yil Mah. Lat: 40.9870 Lon: 27.5098 **Technical Search** rath BUL10 D110 In Country Altınova Mah BG/MUSAR/1 Classification: Medium Topağaç Mah Map data © OpenStreetMap contributors, Microsoft, Esri Community Maps co... Last update: a few seconds ago Last update: a few seconds ago Last update: a few seconds ago Demob Details Team Details Canine Search Hazard Detection Demob List Team list Technical Search **BoO** Location Legend Team Classification Mobilising / Enroute **Expected Arrival Timeline** In Country No data

Last update: a few seconds ago

Arrival Timeline

Last update: a few seconds ago

Last update: a few seconds ago

Demob Timeline



INSARAG Photo Gallery RDC / Team Logistics Summary Triage Operations Team **Arrival or Departure Team Response Status** INSARAG RDC / Team Dashboard Show All Teams No date selected **Team List RDC Support** D555 AUT10 C RDC D110 In Country Samaritan Austria - Rapid Response Team MUSAR Istiklal Mah. D555 Country: Sector D FRA02 Namik Kemal Mah Atatürk Ma Classification: Medium Karadeniz Mah sector q SECTOR Y K INSARAG Classified: No Expected Arrival: 11/11/2021, 9:00 AM Last update: a few seconds ago RDC Support UCC/OSSOC Support Medical BoO: 40.985 27.509 100. Yil Mah. No data Lat: 40.9870 Lon: 27.5098 **Technical Search** rath BUL10 D110 In Country Altınova Mah BG/MUSAR/1 Classification: Medium Topağaç Mah Map data © OpenStreetMap contributors, Microsoft, Esri Community Maps co... Last update: a few seconds ago Last update: a few seconds ago Last update: a few seconds ago Demob Details Team Details Canine Search Hazard Detection Demob List Team list Technical Search **BoO** Location Legend Team Classification Mobilising / Enroute In Country **Expected Arrival Timeline** No data

Last update: a few seconds ago Last update: a few seconds ago

Last update: a few seconds ago Arrival Timeline

Demob Timeline

Medium Last update: a few seconds ago

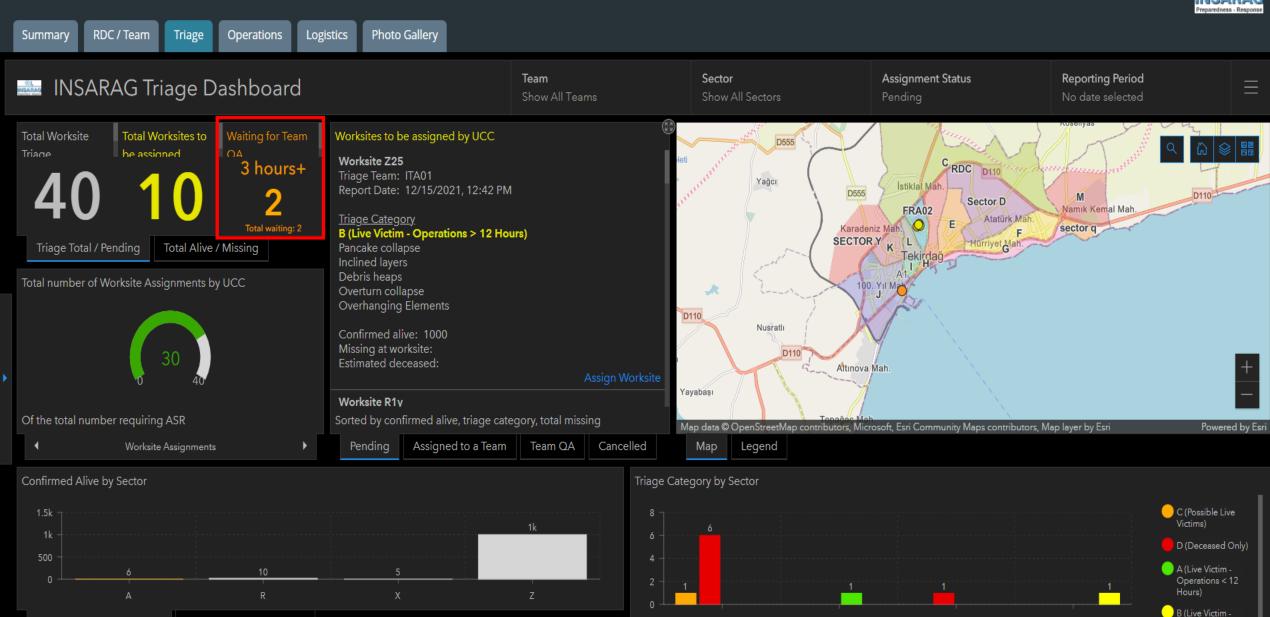
ICMS AEME TRAINING INSARAG Dashboard INSARAG Photo Gallery RDC / Team Triage Operations Logistics Summary **Arrival or Departure Team Response Status** Team INSARAG RDC / Team Dashboard Show All Teams No date selected **Team List RDC Support** BoO: 40.985 27.509 Lat: 40.9877 Lon: 27.5095 SGP01 Responding Last update: a few seconds ago singapore Medical RDC Support UCC/OSSOC Support Country: No data Classification: Heavy **Technical Search** INSARAG Classified: Yes Expected Arrival: BoO: Lat: 0.0000 Lon: 0.0000 Map data © OpenStreetMap contributors, Microsoft, Esri Community Maps co... Last update: a few seconds ago Last update: a few seconds ago Last update: a few seconds ago Demob Details Team Details Canine Search Hazard Detection Demob List Technical Search Legend Team list **BoO** Location Mobilising / Enroute Team Classification **Expected Arrival Timeline** In Country No data Last update: a few seconds ago **Demob Timeline** Arrival Timeline Last update: a few seconds ago Last update: a few seconds ago Last update: a few seconds ago

People Missing by Sector

Confirmed Alive by Sector



Operations > 12

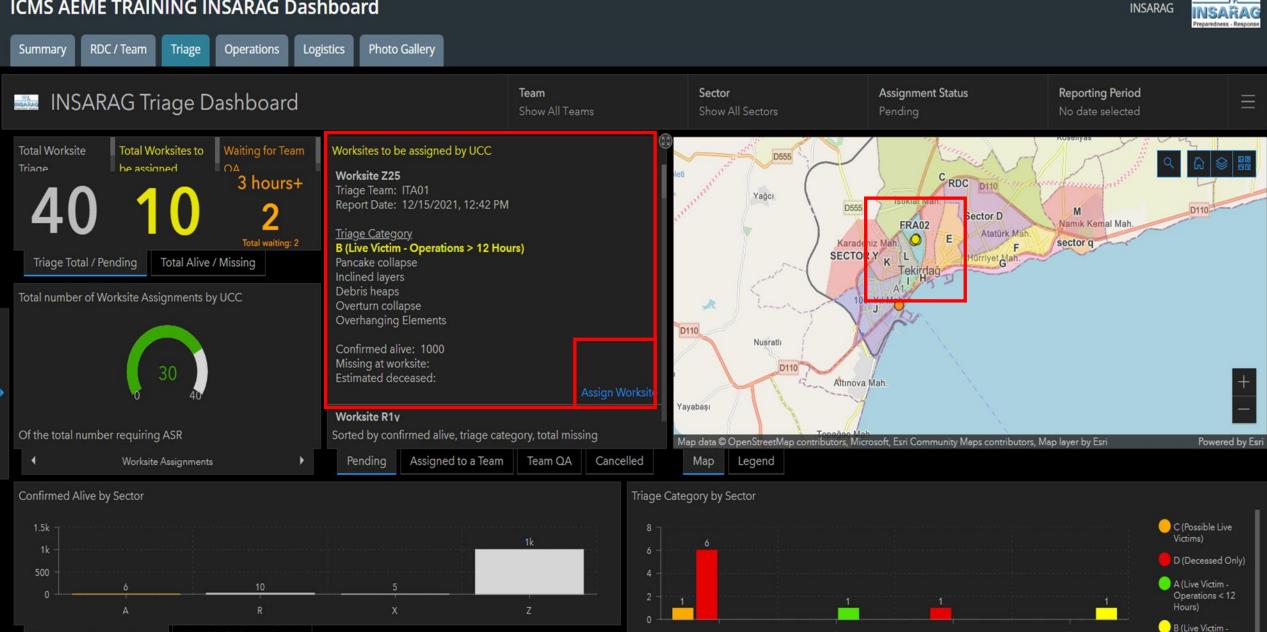


People Missing by Sector

Confirmed Alive by Sector



Operations > 12



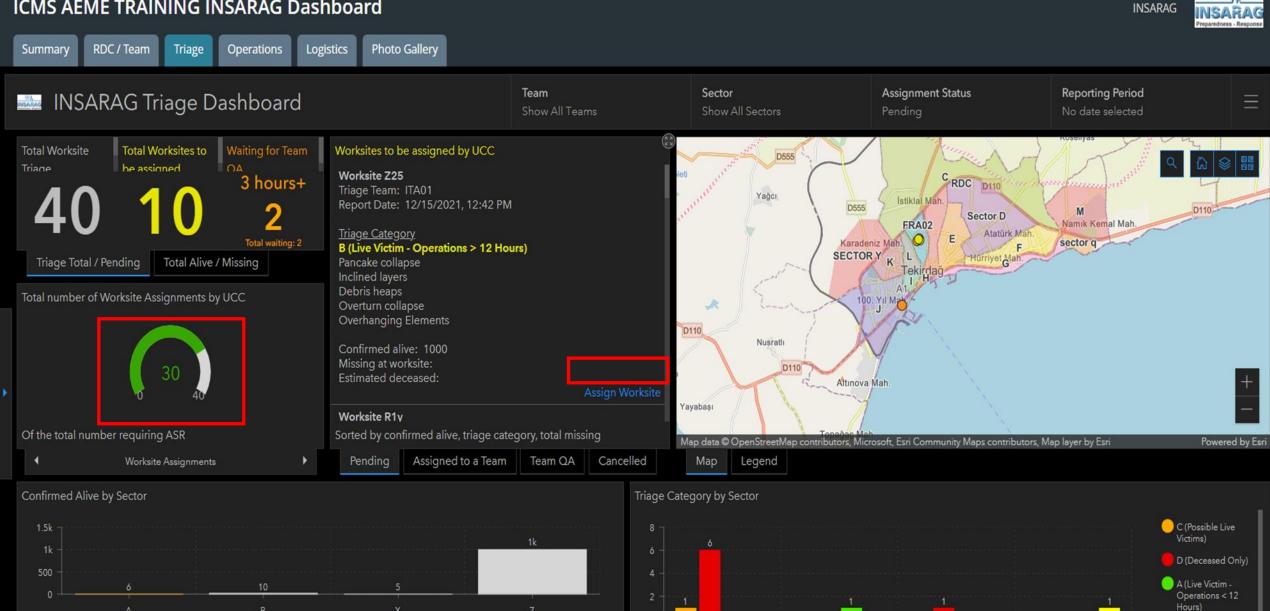
People Missing by Sector

Confirmed Alive by Sector



B (Live Victim -

Operations > 12



Summary

RDC / Team

Triage

Operations

Logistics

Photo Gallery



INSARAG Operations Dashboard

Worksites Assigned by UCC Worksites In Progress

Worksite A2

Worksite A5

Completed in the past 24 hours: assignment(s) in the past 12 0

Reports waiting for Team QA

3 hours+

D555

Yağcı

Nusratlı

Мар

D110

Legend

Worksites Completed vs Total Tasked

Total waiting: 0

Completed

List of assigned Worksites

Assignment details

An increase of 0

Assigned Team: BUL10NaN

Assignment Date: 11/12/2021, 10:00 AM

Reporting frequency:

Triage details

Category: C (Possible Live Victims)

Date: 11/12/2021, 4:25 AM

Reinforced / concrete walls

NaN

Confirmed Alive: 0 Missing at worksite: 20 Estimated deceased:

Lat: 40.9674, Lon: 27.5015

Assignment details

Assigned Team: BUL10NaN

Assignment Date: 11/12/2021, 10:00 AM

Reporting frequency:

Worksite: A1a

Team: TUN01

Second Team: TUN01

Report Period End: 12/15/2021, 7:46 PM

Report Number:

Progress:

Still Missing: 2

Live Rescues in progress: 2

Estimated Completion: 12/15/2021, 7:38 PM

Resources:

ASR Level: ASR 3 (Primary Search & Rescue)

Resources able to be released:

Plan of action:

Worksite: A18 Completed

Team: RUS03

Second Team:

Report Period End: 11/25/2021, 9:01 PM

Report Number: 1

Worksite Report Team QA

Victim Handed Over To Totals

Team All Teams

C RDC D110

Map data © OpenStreetMap contributors, Microsoft, Esri Community Maps contributors, Map ... Powered by Esri

Total number of Rescues

Sector D

Hürriyet Mah

Atatürk Mah

İstiklal Mah.

FRA02

J2kirdağ

D555

SECTOR Y

Altınova Mah.

Karadeniz Mah

Sector All Sectors

Deceased

Namik Kemal Mah

sector q

Reporting Period No date selected

Victim forms waiting for

INSARAG

Total waiting: 0

Worksite: A4a Team: GER01

Date of Extrication: 12/16/2021, 4:50 AM

Victim Number: 64

Victim Info: Adult male

Floor level: 2 Position in Structure:

ASR4

Condition: Deceased, Injuries: None

Handed over to: Mortuary

Worksite: A27

Team: RUS03

Date of Extrication: 11/26/2021, 6:15 AM

Victim Number: 1

Victim Info: Floor level: 10

Position in Structure: In the hall near of the exit

ASR3

Condition: Live . Injuries: Stable

Victim Extrication Team QA



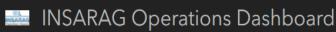


Summary RDC / Team Triage

Operations

Logistics

Photo Gallery



Worksites Assigned by UCC Worksites In Progress

Completed in the past 24 hours: An increase of 0 assignment(s) in the past 12 0 Last update: a minute ago

Last update: a minute ago

Reports waiting for Team QA 3 hours+

Total waiting: 0

Last update: a minute ago

List of assigned Worksites

Worksite A2 Assignment details Assigned Team: BUL10NaN

Assignment Date: 11/12/2021, 10:00 AM

Reporting frequency:

Triage details

Category: C (Possible Live Victims)

Date: 11/12/2021, 4:25 AM

Reinforced / concrete walls

NaN

Confirmed Alive: 0 Missing at worksite: 20 Estimated deceased:

Lat: 40.9674, Lon: 27.5015

Assignment details Worksite A5

Assigned Team: BUL10NaN

Assignment Date: 11/12/2021, 10:00 AM

Reporting frequency: Last update: a minute ago

Worksite: J4 Team: GRE12 Second Team:

Report Period End: 11/12/2021, 1:00 PM

Report Number: 3no

Progress: Still Missing: 1

Live Rescues in progress: 0

Estimated Completion: 11/12/2021, 7:30 PM

Resources:

ASR Level: ASR 3 (Primary Search & Rescue)

Resources able to be released: No Plan of action: ASR4 procedures

Worksite: J6

Team: GRE12 Second Team:

Report Period End: 11/13/2021 7:34 PM

Last update: a minute ago

Worksite Report Team QA Team All Teams

C RDC D110

Sector D

Atatürk Mah

Total number of Rescues

Live

Last update: a minute ago

İstiklal Mah

FRA02

J₂kirdağ

D555

SECTOR Y

Altınova Mah.

Victim Handed Over To

Karadeniz Mah

Sector All Sectors

Deceased

Namik Kemal Mah

sector q

Reporting Period

No date selected

Last update: a minute ago



Last update: a minute ago

Worksite: A4a Team: GER01

Date of Extrication: 12/16/2021, 4:50 AM

Victim Number: 64

Victim Info: Adult male

Floor level: 2 Position in Structure:

ASR4

Condition: Deceased, Injuries: None

Handed over to: Mortuary

Worksite: A27

Team: RUS03

Date of Extrication: 11/26/2021, 6:15 AM

Victim Number: 1

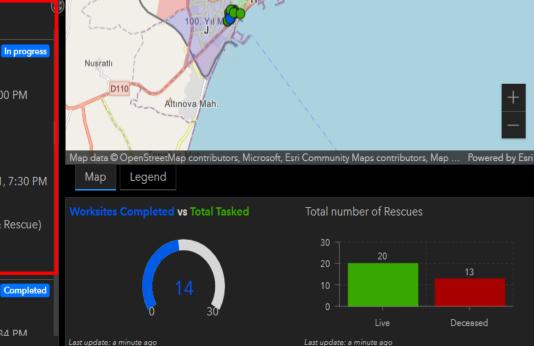
Victim Info: Floor level: 10

Position in Structure: In the hall near of the exit

ASR3

Last update: a minute ago

Victim Extrication Team QA



Totals

D555

Yağcı

INSARAG

Summary

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INSARAG Operations Dashboard

Worksites Assigned by UCC Worksites In Progress

An increase of 0

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Reports waiting for Team QA 3 hours+

D555

Yağcı

Nusratlı

Мар

Totals

D110

Legend

Total waiting: 0

Completed

List of assigned Worksites

Assignment details Worksite A2 Assigned Team: BUL10NaN

Assignment Date: 11/12/2021, 10:00 AM

Reporting frequency:

Triage details

Category: C (Possible Live Victims)

Date: 11/12/2021, 4:25 AM

Reinforced / concrete walls

NaN

Confirmed Alive: 0 Missing at worksite: 20 Estimated deceased:

Lat: 40.9674, Lon: 27.5015

Assignment details

Assigned Team: BUL10NaN

Assignment Date: 11/12/2021, 10:00 AM

Reporting frequency:

Worksite: A1a Team: TUN01

Second Team: TUN01

Report Period End: 12/15/2021, 7:46 PM

Report Number:

Progress:

Still Missing: 2

Live Rescues in progress: 2

Estimated Completion: 12/15/2021, 7:38 PM

Resources:

ASR Level: ASR 3 (Primary Search & Rescue)

Resources able to be released:

Plan of action:

Worksite: A18 Completed

Team: RUS03 Second Team:

Worksite A5

Report Period End: 11/25/2021, 9:01 PM

Report Number: 1

Worksite Report Team QA All Teams

C RDC D110

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Sector D

Atatürk Mah

Team

İstiklal Mah.

FRA02

J2kirdag

D555

SECTOR Y

Altınova Mah.

Karadeniz Mah

Sector All Sectors

Namik Kemal Mah

sector q

Reporting Period No date selected

Victim forms waiting for

Total waiting: 0

Worksite: A4a Team: GER01

Date of Extrication: 12/16/2021, 4:50 AM

Victim Number: 64

Victim Info: Adult male

Floor level: 2 Position in Structure:

ASR4

Condition: Deceased, Injuries: None

Handed over to: Mortuary

Worksite: A27

Team: RUS03

Date of Extrication: 11/26/2021, 6:15 AM

Victim Number: 1

Victim Info: Floor level: 10

Position in Structure: In the hall near of the exit

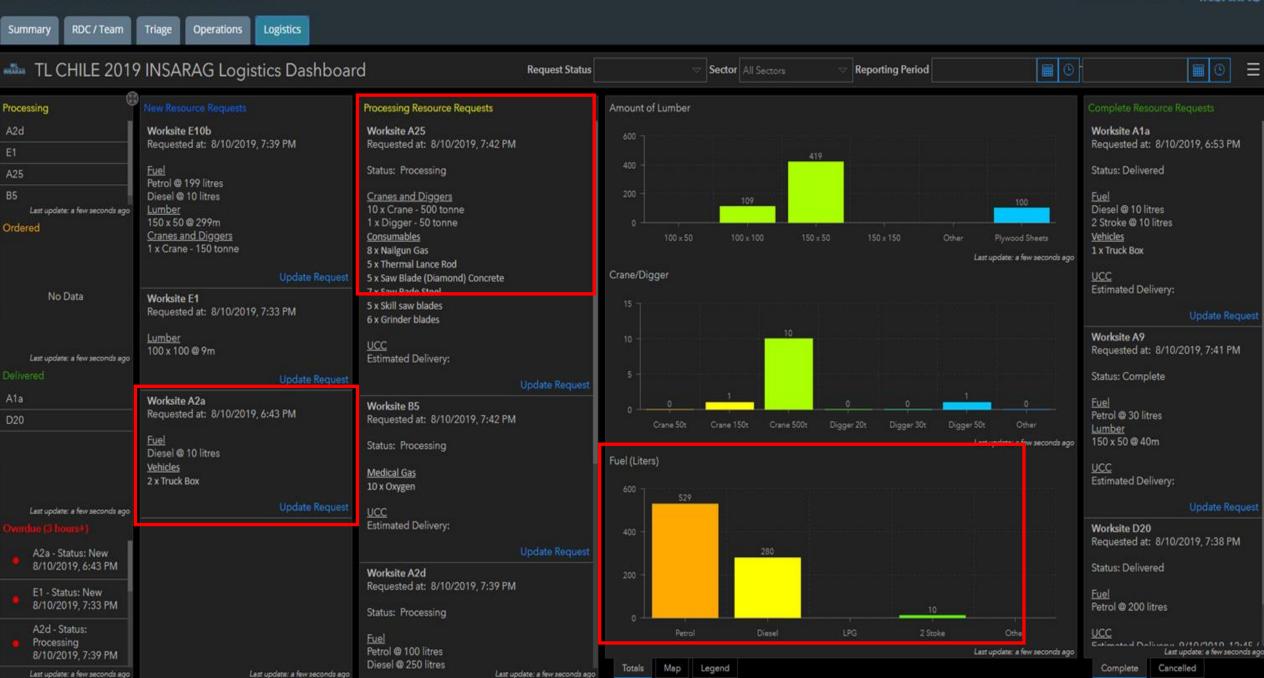
ASR3

Condition: Live . Injuries: Stable

Victim Extrication Team QA



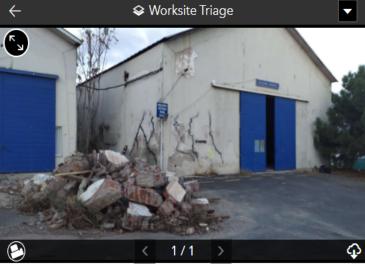
TL CHILE 2019 INSARAG Dashboard





Logistics Photo Gallery RDC / Team Triage Operations Summary

INSARAG Worksite Photos (1)



Suffix letter (optional)

Kein Inhalt verfügbar.

E3. Address

Yavuz, Mumcu Çeşme Caddesi, 59100, Süleymanpaşa, Tekirdağ, TUR

E4. Worksite boundary description

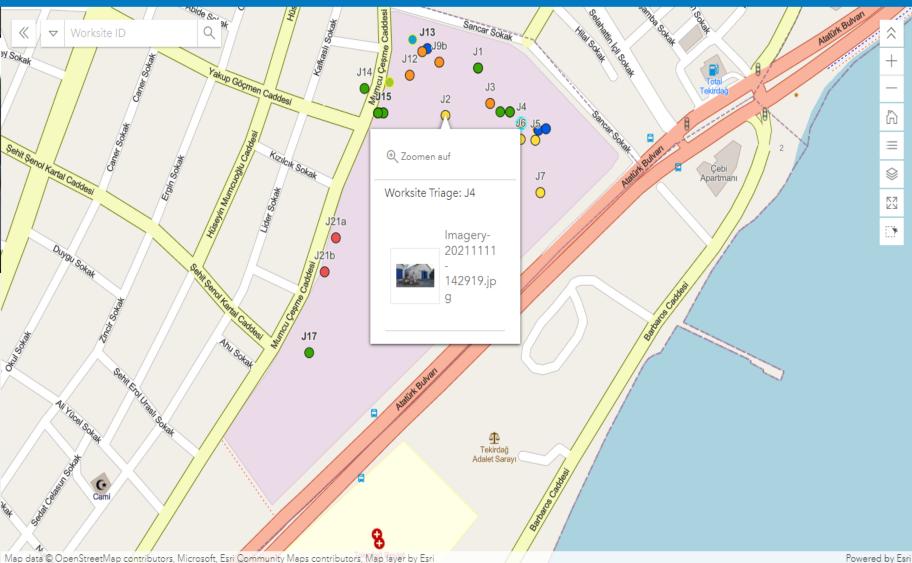
North: warehouse South: building West: parking East: wall

E5. Building Use

Other

E5. Building Use Other

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Are there any Questions?





The International Search and Rescue Advisory Group

http://www.insarag.org/