



OASIS Committee Note

Event Terms List – Lookup Table Version 2.0

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Related work:

This document is related to:

- *Common Alerting Protocol Version 1.2*. Edited by Jacob Westfall. 01 July 2010. OASIS Standard. Latest version: <http://docs.oasis-open.org/emergency/cap/v1.2/CAP-v1.2.html>.

Abstract:

The **OASIS Open Event Terms List – Lookup Table** is a resource that has been developed with the aim of enhancing interoperability among digital alerting systems. It features structured entries for seamless integration with CAP-based systems, and can be adapted for non-CAP-based systems as needed. The table provides universal terms and codes to support processing agents in managing CAP alerting messages within interconnected systems. This **OASIS Open** work product ensures a consistent approach across such systems adaptable to any identified event-type.

A companion resource, the **OASIS Open Event Terms List – User's Guide**, outlines how agents should manage and interpret OASIS terms and codes in CAP messages during distribution. It emphasizes that the OASIS terms and codes can seamlessly coexist with existing local or domestic sets used by alerting agencies.

A second companion resource, the **OASIS Open Event Terms List – Concept Guide**, discusses the theory of events worthy of being alerted, while a third companion document, the **OASIS Open Event Terms List – Spectrum Analysis**, examines event naming, emphasizing social science principles and the alerting agency's need to communicate effectively with its audience.

The list of **OASIS Open** terms and codes is evergreen and backwards compatible, allowing for seamless updates and the addition of new entries as requested by its users.

Status:

This is a Non-Standards Track Work Product. The patent provisions of the OASIS IPR Policy do not apply.

This document was last revised or approved by the OASIS Emergency Management TC on the above date. The level of approval is also listed above. Check the "Latest stage" location noted above for possible later revisions of this document. Any other numbered Versions and other technical work produced by the Technical Committee (TC) are listed at https://www.oasis-open.org/committees/tc_home.php?wg_abbrev=emergency#technical.

TC members should send comments on this document to the TC's email list. Others, including all resource users, should send comments to the TC's public comment list, after subscribing to it by following the instructions at the "[Send A Comment to this TC](https://www.oasis-open.org/committees/emergency/)" linked page on the TC's web page at <https://www.oasis-open.org/committees/emergency/>.

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1. Introduction

The **OASIS Open Event Terms List – Lookup Table** is a key resource for improving interoperability in alerting systems. By offering a standardized set of event-type references, it helps different systems process and manage alert-worthy event information consistently.

The **Event Terms List** was created by the Emergency Management Technical Committee (EMTC) of **OASIS Open** to address concerns raised by the Global Disaster Preparedness Center (GDPC) of the American Red Cross. The GDPC identified inconsistencies in event term usage within Common Alerting Protocol (CAP) services, which made it difficult to compare messages from different sources. These inconsistencies complicated the interpretation of language and meaning across CAP messages.

The Common Alerting Protocol (CAP) is a widely recognized XML data standard that enables seamless communication of alerting information among different partners. The XML aspect of CAP defines the format and structure of messages, while individual agencies dictate the content. This design improves format and structure interoperability, however, it can lead to non-standard content variations making cross-partner comparisons challenging. The **OASIS Open Event Terms List – Lookup Table** seeks to address some of this challenge by standardizing event-types in CAP.

CAP-XML allows for multiple interpretations of events and event types within a single CAP message. This means that universal event terms and codes, like those from the **OASIS Open Event Terms List – Lookup Table**, can be included alongside local or domestic event terms and codes. Having both ensures that messages remain relevant to the local audiences of alerting agencies while supporting the broader interoperability concerns across larger and globally-based collaborating systems. The **OASIS Open Event Terms List** enhances interoperability by enabling receiving systems to accurately interpret event-types in CAP messages, even when they originate from foreign-language sources.

The Emergency Management Technical Committee (EMTC) actively encourages CAP originators and consumers to adopt the **Event Terms List** approach, as covered in the **OASIS Open Event Terms List – User's Guide**, to enhance interoperability in business-of-alerting systems. Organizations like the GDPC stand to benefit from these efforts of improved interoperability.

1.1 Executive Summary

The **OASIS Open Event Terms List (ETL)** consists of four key resources designed to enhance interoperability within digitally connected alerting systems:

- **Event Terms List – Lookup Table**
- **Event Terms List – User’s Guide**
- **Event Terms List – Concept Guide**
- **Event Terms List – Spectrum Analysis**

Collectively, these documents provide a comprehensive framework for alerting professionals and policymakers, helping them effectively manage and optimize event-based information in the business-of-alerting.

The **Event Terms List – Lookup Table** serves as a reference for terms and codes, enabling seamless communication between alerting systems. Its primary goal is to assist practitioners in developing and operating efficient systems that effectively connect with both partners and audiences. Additionally, the accompanying discussions within the document provide valuable insights, enhancing understanding, and promoting implementation of event-based alerting strategies. The **Event Terms List – Lookup Table** highlights two essential attributes of event-type information:

- The **OASIS Open event term**, which enhances clarity for audiences.
- The **OASIS Open event code**, which assists consuming agents in the decision-making at the technical and functional levels of alerting.

This approach ensures standardization while still allowing the use of local or domestic terms and codes, maintaining relevance for specific local audiences while promoting broader interoperability on the global scale.

The **Event Terms List – Lookup Table** further enhances its utility by organizing and classifying **OASIS Open** event terms into **Common Alerting Protocol (CAP)** categories and **OASIS** subcategories. This is a structured approach, aiming to provide valuable insights for policymakers, helping them navigate event-type information more effectively while making more informed decisions.

To effectively apply the terms and codes within the **OASIS Open Event Terms List – Lookup Table**, refer to the **OASIS Open Event Terms List – User’s Guide**, which provides detailed instructions on implementation.

For a deeper understanding of event characteristics - including their nature, impacts, location, timing, and behaviors - consult the **Event Terms List – Concept Guide**.

Lastly, if looking for an in-depth exploration of event naming conventions and the social sciences influencing those decisions, the **Event Terms List – Spectrum Analysis** offers valuable insights.

2. How to use this Resource?

The **Event Terms List – Lookup Table** serves as a resource for originating CAP alerting agencies, helping to determine which **OASIS Open** event terms and codes to include in the alert messaging process. The typical process consists of a series of messages that address a concerning and often hazardous situation, with each message requiring a clearly defined subject of discussion at the time of publication. In CAP, the subject is an event, and the **Event Terms List – Lookup Table** is a list of event-types covering a large number of types that could be used in the alerting process.

The process involves reviewing the list of **OASIS Open** event types and selecting the most relevant entries from the second column of the provided table for optional use in CAP messages. Additionally, the corresponding event-type codes from the first column should also be gathered, however, these are highly recommended by **OASIS Open** to be used in CAP messages in support of the objective of interoperability ¹.

If no suitable term is available, the event term “other” (code OET-000) should be selected and the code incorporated into the Common Alerting Protocol (CAP) message. In such cases, practitioners are encouraged to contact **OASIS Open** to request the addition of a new term to add to the **OASIS Open** list for future use, ensuring continued improvements in event-type standardization. For the “new terms and codes” submission process, refer to the later section on **Submitting Content** within this resource.

¹ For detailed instructions on how to apply these terms and codes effectively, refer to the **OASIS Open Event Terms List – User’s Guide**.

2.1 Version Compatibility

The versioning of the **OASIS Open Event Terms List** follows the principle of backward compatibility, ensuring consistency across published updates. Newly added terms receive new unique codes, while existing terms retain their codes through subsequent versions.

- **Note 1:** The **OASIS Open** event-type **terms**, introduced in the resource document titled “**Event Terms List version 1.0 (October 2021)**”, represent the first formally registered and publically announced terms. Upon publication of v2.0, some of the v1.0 terms received minor adjustments in wording, so that they properly convey the concept of an event, however, the meaning of the indicated term as an event-type remains unchanged ².
- **Note 2:** The extra few **OASIS Open** event-type **terms** listed in the earlier resource document titled “**Event Terms List - for use with the Common Alerting Protocol Version 1.2 (November 2020)**”, that were never formally registered and publically announced in v1.0, have been added back into v2.0.
- **Note 3:** The **OASIS Open** event-type **codes**, introduced in the resource document titled “**Event Terms List version 1.0 (October 2021)**”, represent the first formally registered and publically announced codes, and these codes will be maintained in all future iterations and be backwards-compatible.
- **Note 4:** The **OASIS Open** event-type **codes** listed in the earlier resource document titled “**Event Terms List - for use with the Common Alerting Protocol Version 1.2 (November 2020)**” were never formally registered and publically announced, and are not supported in v2.0 or future versions. These codes will only be applicable to the **November 2020** set, and will not correspond to the codes in versions 1.0, 2.0, or later ³.

OASIS Open recommends that all CAP practitioners migrate to and use version 2.0 or later of the **OASIS Open Event Terms List** (as published) to prevent interoperability issues and confusion caused by the two incompatible 1.X versions as noted above.

² The **OASIS Open Event Terms List** that is v1.0, was a work effort that did not fully define what an “**event**” is prior to compiling the list of terms. Consequently, some of the terms used to describe a type of event didn’t truly meet the definition of an event as written.

³ Systems utilizing the earlier “November 2020” codes may continue to do so, provided the indexed version in the CAP message <eventCode> group element is identified as “v1.2”. This approach ensures consuming agencies can distinguish between codes associated with the formal “**ETL v1.0**” term set and the informal “**made for CAP v1.2**” term set that is discoverable online.

2.2 Public Review Version ⁴

This version of the **OASIS Open Event Terms List – User’s Guide** is a Public Review version. In this version all feedback will be collected and reviewed, including suggestions for additional entries for the **OASIS Open Event Terms List – Lookup Table**. It has a watermark of “Draft” that will be removed after the Public Review process is completed.

Additionally, feedback on any new entries, or any category and subcategory mappings will also be collected and reviewed. The new entries are not yet considered final. They will be assigned codes after the Public Review Process has been conducted.

Suggestions, comments, and questions, can be on any content, including the usage of terms and codes as discussed in the **OASIS Open Event Terms List – User’s Guide**. Each feedback item may be used to adjust the final release copies of the **OASIS Open Event Terms List** family of resources (as applicable).

OASIS Open plans to publish a set of resources in roughly the following order as a best effort exercise with no set timeline: ⁵

- 1) OASIS Open Event Terms List – Lookup Table v2.0
- 2) OASIS Open Event Terms List – User’s Guide v1.0
- 3) OASIS Open Alerting Practices and Strategies – Glossary v1.0 (forthcoming)
- 4) OASIS Open Event Terms List – Concept Guide v1.0 (forthcoming)
- 5) OASIS Open Event Terms List – Spectrum Analysis v2.0 (forthcoming)
- 6) OASIS Open Event Terms List – Lookup Table v2.1 (planned)
- 7) OASIS Open Alerting Practices and Strategies – Glossary v1.1 (planned)
- 8) OASIS Open Event Terms List – User’s Guide v2.0 (planned)
- 9) OASIS Open Event Terms List – Concept Guide v2.0 (planned)

At the end of this publish cycle, all documents in the family of **OASIS Open Event Terms List** resources will be at v2.0 with the Lookup Table advancing to v2.1 or greater (as additional terms are collected during the Public Review process through submissions). All version 2.X resources will be jointly compatible as a package, with the resources anchored to version 2.0.

⁴ This Public Review section will be removed before the final Committee Note for v1.0 of this resource is published.

⁵ The timeframe for publishing is based on the availability of OASIS Open member volunteers for this effort.

3. OASIS Open Event Terms List

The **OASIS Open Event Terms List - Lookup Table** is a compiled list of event-type terms. Each term describes a type of happening, that if one should occur, it will be marked with a beginning and end. In the business-of-alerting, an event is a happening, as devised and formed by an observer agent for the business, and as it pertains to the process of signaling third parties about the happening.

For each entry in the list, **OASIS Open** has mapped the term to one or more CAP categories (as outlined in the OASIS Open CAP standard). In preparation for this mapping assignment, OASIS Open created a definition for each of the standard CAP categories so that current and future mappings are consistently applied across all terms.

The mapping exercise involves interpreting an **event term** for what it is (i.e. its nature), and making a determination of which CAP categories typically apply to its nature. The exercise is subjective (open to interpretation), with the mappings provided in the lookup table meant only as suggestions for practitioners.

The mappings are not assumed to be a complete and comprehensive accounting for alerting agencies, especially those with specific mandates, or those targeting specific audiences. For example, a weather based event-type would likely be mapped to the CAP category of “Met”, not “Transport” or “Safety”, even though the alerting agency’s mandate might solely be based on a “Transport” or “Safety” concern. Subsequently, alerting agencies are encouraged to use the **OASIS Open** mapped CAP categories as suggestions, with the understanding that they are typical of agencies alerting the general public.

Therefore, **OASIS Open** recommends alerting agencies undergo a mapping exercise to compile their own CAP categories per event-type as per their operating mandate. The process would be similar to the **OASIS Open** process that was used for more general audiences. If the operating mandate of the alerting agency is a public mandate, the **OASIS Open** mappings should make for a good starting point for any mapping exercise.

The **OASIS Open** list also includes a set of defined subcategories to help with the mapping exercise. The **OASIS Open** subcategories were devised to help CAP practitioners better understand the **OASIS Open** mapping assignments.

3.1 OASIS Open Term Confirmation and Mapping Process

The confirmation of **event terms** in the **OASIS Open** event terms list, and the **mapping** process of **terms** to CAP Categories and to OASIS Open subcategories, follows the methodology outlined here ⁶.

- 1) Once OASIS Open identifies a potential event-type term, through a submission process or otherwise, the first step is to find the specific object within the term.
 - a. This is accomplished by removing the descriptive qualifier part of the term, leaving the object as the remaining element in the term. In English, the object is typically at the end of the term (although there can be exceptions) ⁷. The **OASIS Open Event Terms List – Lookup Table** marks the identified object in the term in *italics* ⁸.
- 2) With the object isolated, determine its nature (i.e. what constitutes its being).
 - a. If the nature of the object can't be determined without an additional qualifier (i.e. the term “emergency” on its own), the relevant CAP category would be “Other” until such time as qualification is provided ⁹. In the majority of cases, this happens when the local alerting agency is devising event-type terms for their local service trying to cover every type of emergency in one term.
 - b. In a case like “hurricane emergency”, “emergency” is the object, however, it is the qualification “hurricane” that provides the nature. “Hurricane emergency” is an acceptable **event type** for local jurisdictions, however, **OASIS Open** happens to handle these separately in the **OASIS Open Event Terms List – Lookup Table** even though an argument for “hurricane emergency” could be made ¹⁰.

⁶ Refer to the **OASIS Open Event Terms List – Concept Guide** and **User's Guide** for a more comprehensive discussion on the topic of CAP Category and OASIS Open Subcategory mapping assignments.

⁷ In languages other than English, positional placement of the object and descriptor portions of a term is highly variable, subject to the rules of the language in use.

⁸ Many of the italicized objects in the table may not seem to be objects on first pass, however, objects can be many things. For example, the act of “taking shelter” is an object when viewed as a specified directive. In the *activity-of-alerting* domain, a data construct can be generated around the act of “sheltering”.

⁹ Refer to the **OASIS Open Event Terms List – Concept Guide** for more discussion on objects mapped to the CAP Category of “Other”.

¹⁰ The case of multi-layered event terms is a lengthy one. Refer to the **OASIS Open Event Terms List – Concept Guide** for more discussion on this topic.

- 340 3) If the object in the term does not properly describe an event (i.e. does not
341 describe a happening), the term should be further qualified.
342
- 343 a. For example, in the term “political terrorism”, the word “terrorism” is the
344 object with “political” the qualifier. However, “terrorism” is not an event,
345 it is an ideology, and “political” is a type that does not convey the
346 concept of an event ¹¹. A term like “active political terrorism” would be
347 more correct, however, the social science concern of wordiness now
348 applies ¹².
349
- 350 4) Once the object is identified, and the general sense of its nature is
351 ascertained, the mapping to the relevant CAP categories is conducted.
352 Depending on how general or specific the term is, the term can also fall under
353 the definition of more than one CAP category and/or **OASIS Open**
354 subcategory ¹³.
355
- 356 a. In the example of a “forest fire”, the relevant CAP category would be
357 “Fire” and in the example of a “mountain rescue”, the relevant CAP
358 category would be “Rescue”.
359
- 360 b. In the example of “emergency”, the relevant CAP category would be
361 “Other” and in “Hurricane Emergency”, the relevant CAP categories
362 would be “Meteorological” (for hurricane) and “Other” (for emergency)
363 ¹⁴.
364
- 365 5) For an alerting agency, if there is no matching event-type term found in the
366 OASIS Open event terms list, a CAP practitioner may submit to OASIS Open
367 a suggestion for an additional term to be added to the **OASIS Open Event**
368 **Terms List – Lookup Table** (refer to the **Submitting Content** section of this
369 resource).
370
- 371 a. The submission would then be able to cover future instances of the
372 same type of event in future versions.
373

¹¹ For the case of terms that sound like an event, however, in reality are not, refer to the **OASIS Open Event Terms List – Concept Guide** for more discussion.

¹² For the case of terms that suffer from wordiness, refer to the **OASIS Open Event Terms List – Concept Guide** for more discussion.

¹³ If an event term fits with a subcategory, but does not fit with the corresponding CAP category, then the subcategory does not apply.

¹⁴ Since “hurricane” is a noun-adjective, and not exclusively an adjective, it can provide a CAP category. Refer to the **OASIS Open Event Terms List – Concept Guide** for more discussion.

3.2 CAP Categories and OASIS Subcategories

The **CAP category** and **OASIS subcategory** definitions, as generated by the **OASIS Open EMTC**, are as follows:

3.2.1 Geophysical

Geophysical: Geophysical subject events are events related to the substances, properties, and physical processes that make up the Earth and its surrounding space environment. These events involve natural or human-caused phenomena that originate from the Earth's internal dynamics or external interactions with space and is most associated with rocks and seismic activity.

gravity: Gravity based geophysical subject events are events connected with the force that attracts objects towards one another, especially the force that makes things fall to the ground.

seismic: Seismic based geophysical subject events are events, natural or human-caused, relating to ground vibrations.

electromagnetic: Electromagnetic based geophysical subject events are events relating to the electrical and magnetic forces produced by an electric current or by the earth's electromagnetic field and upper atmosphere.

fluid: Fluid based geophysical subject events are events relating to substances that flow and are not solid.

gas: Gas based geophysical subject events are events that relate to substances that are gaseous in nature.

solid: Solid based geophysical subject events are events that relate to substances that are solid in nature

3.2.2 Meteorological

Meteorological: Meteorological subject events are events connected to the atmosphere or weather.

temperature: Temperature based meteorological subject-events are airborne events based on the measure of warmth or coldness with reference to some standard value.

precipitation: Precipitation based meteorological subject-events are airborne events of falling products of condensation or falling hydrometeors (i.e., rain, snow, hail, etc.)

visibility: Visibility based meteorological subject-events are airborne events given to the measure of distance at which a standard object can be seen and identified with the unaided eye.

lightning: Lightning based meteorological subject-events are airborne events characterized by the presence of electrical discharges and its acoustic effect on the Earth's atmosphere known as thunder.

wind: Wind based meteorological subject-events are airborne events connected to disturbances with the natural motion of the atmosphere moving horizontally at any velocity above the earth's surface.

pressure: Pressure based meteorological subject-events are airborne events based on the measure of a physical force of the atmosphere referenced to some standard value.

3.2.3 Safety

Safety: Safety subject events are events connected to the condition of being protected from unintentional dangers, risks, or injuries. Events in this category pose an immediate threat to the safety of life and property.

life: Life based safety subject events are events connected to the protection from harm of all forms of organic matter.

property: Property based safety subject events are events connected to the protection from harm of possessions belonging to an entity, or a collective entity such as an organization.

3.2.4 Security

Security: Security subject events are events connected to the condition of being protected from intentional and/or premeditated dangers, risks, or injuries.

law Enforcement: Law Enforcement security subject events are events that affect or involve a policing response often associated with criminal activity.

military: Military security subject events are events that affect or involve an armed forces response often associated with warfare.

governmental: Governmental security subject events are events that involve a national response often associated with running a country or nation.

life: Life security subject events are events connected to the protection from harm of all forms of organic matter.

property: Property security subject events are events connected to the protection from harm of possessions belonging to an entity, or a collective entity such as an organization.

3.2.5 Rescue

Rescue: Rescue subject events are events connected to the act of saving someone (or something) from a dangerous or distressing situation.

life: Life rescue subject events are events referring to the immediate requirement of an operation, or an ongoing operation, involving the discovery or retrieval of any living object.

property: Property rescue subject events are events referring to the immediate requirement of an operation, or an ongoing operation, involving the discovery or retrieval of any possessions belonging to an entity, or a collective entity such as an organization.

search: Search rescue subject events are events referring to the immediate requirement of an operation, or an ongoing operation, involving the discovery of unaccounted for living objects or possessions.

recovery: Recovery rescue subject events are events related to the immediate requirement of an operation, or an ongoing operation, involving the retrieval of accounted for living objects or possessions.

3.2.6 Fire

Fire: Fire subject events are events connected to the conditions of combustion or burning, fueled by solids, liquids, gases, metals, oil and fat, or electricity, combining chemically with oxygen to give off heat, bright light, and/or smoke.

burn: Burn-based fire subject events are events in reference to damage caused by flame and heat.

suffocation: Suffocation-based fire Subject events are events in reference to damage and/or death due to deprivation of breathable air caused by flame and heat.

brightness: Brightness-based fire subject events are events in reference to damage and/or blindness due to the presence of harmful light caused by flame and heat.

3.2.7 Health

Health: Health subject events are events connected to the state of the physical, mental, and social well-being of living organisms.

physical: Physical health subject events are events that damage the quality of life of the body of living beings.

mental: Mental health subject events are events that damage the quality of life of the mind of living beings.

social: Social health subject events are events that damage the quality of meaningful relationships of living beings.

fauna: Fauna health subject events are events that damage the quality of life of animal life.

flora: Flora health subject events are events that damage the quality of life of plant life.

3.2.8 Environmental

Environmental: Environmental subject events are events connected to the natural world and its effects, living and nonliving, which influence the condition of life.

aquatic: Aquatic-based environmental subject events refer to events that take place or originate mostly from aquatic regions both inland and offshore in nature.

terrestrial: Terrestrial-based environmental subject events refer to events in areas that are land based, both above ground and below.

airborne: Airborne-based environmental subject events refer to events in areas that are based in the atmosphere.

space: Space-based environmental subject events refer to events in areas that are based both very high and beyond the Earth's atmosphere.

3.2.9 Transport

Transport: Transport subject events are events connected to the conveyance of people or cargo by means of a vehicle or apparatus created for that purpose.

ground: Ground transport subject events are events connected with conveyances under and on the surface of terrestrial environments.

overwater: Overwater transport subject events are events connected with conveyances on the surface of aquatic environments.

underwater: Underwater transport subject events are events connected with conveyances under the surface of aquatic environments.

air: Air transport subject events are events connected with conveyances through atmospheric environments.

3.2.10 Infrastructure

Infrastructure: Infrastructure subject events are events connected to the basic physical and organizational structures and facilities needed for the operation of a society or enterprise.

response: Response-based infrastructure subject events are events connected to the emergency support services for communities and societies.

communication: Communication-based infrastructure subject events are events connected to the ongoing expression of thought, both digital and analog, for communities and societies.

utility: Utility-based infrastructure subject events are events connected to structured services for communities and societies.

industrial: Industrial-based infrastructure subject events are events connected to processing and manufacturing for communities and societies.

transport: Transport-based Infrastructure subject events are events connected to structured services intended for the conveyance of goods for communities and societies.

other: Other infrastructure subject events are events connected to infrastructure and facilities not present in the other subcategories in this list.

3.2.11 CBRNE

CBRNE: CBRNE subject events are events connected to the dangerous consequences of Chemical, Biological, Radiological, Nuclear, and Explosive matter.

chemical: Chemical CBRNE subject events are events connected to the harmful consequences of interactions relating to the chemistry of matter.

biological: Biological CBRNE subject events are events connected to the harmful consequences of interactions relating to the biology of living matter.

radiological: Radiological CBRNE subject events are events connected to the harmful consequences of interactions relating to X-rays and other high-energy radiation.

nuclear: Nuclear CBRNE subject events are events connected to the harmful consequences of interactions relating to the atomic nucleus of matter.

explosive: Explosive CBRNE subject events are events connected to the harmful consequences of interactions relating to the rapid expansion and violent bursting of matter.

3.2.12 Other

Other: Other subject events are events connected to any event not covered by the CAP Categories already cited.

4. OASIS Event Terms List – Terms and Codes

The list of event terms is presented with the following information in 5 columns:

OASIS Event Code: a codified value assigned to the event term entry. The code is backwards compatible to the formally published version 1.0 list of the **OASIS Open** event codes.

OASIS Event Term: a worded value assigned to the event term entry. The entry is backwards compatible in **meaning** to the previously published version 1.0 list of OASIS Open event terms, however, the exact event term wording may have been updated to make it describe an actual event^{15 16}.

OASIS CAP Categories: a mapped set of CAP Category values assigned by the EMTC to the event term entry, delimited by the return character, resulting in one entry per line per table cell. **Note:** Capitalization for these values are as per the reference OASIS CAP standard v1.2¹⁷.

OASIS Subcategories: a mapped set of OASIS Subcategory values assigned by the EMTC to each corresponding CAP Category value, delimited inline by the comma character, resulting in one or more entries per line per table cell. If the given term is applicable to every subcategory, the CAP category value is re-listed to save space and indicate that all subcategories apply. The terms are not capitalized as they are snippets of text, not proper names or full sentences.

Source Index: a mapped set of values indexing the entry to the following table that indicates the source of the term. All future submitted terms would come with a new or existing source index into the following table.

¹⁵ Some newer wordings have been adjusted to clarify the meaning and/or have the new term truly suggest the idea of an event instead of being a reference to a permanent or semi-permanent object.

¹⁶ The terms are not capitalized as they are snippets of text, not proper names or full sentences.

¹⁷ Capitalization of the OASIS CAP Category values is due to the reference CAP standard v1.2 capitalizing these values. Therefore, the CAP Category column in this table honors that state. The preferred format of snippets of text in lookup tables for software systems, based on the English language, is not to be capitalized; capitalization in tables should be left to proper names and full sentence entries only.

4.1 Existing Entries from v1.0

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-000	other	Other	other	1
OET-001	accumulating <i>ice</i>	Meteorological	precipitation	1
		Environmental	aquatic, terrestrial	
OET-002	active <i>shooter</i>	Security	law enforcement, life	1
		Safety	life	
OET-003	administrative <i>action</i>	Infrastructure	(all)	1
OET-004	air <i>hazard</i>	Environmental	airborne	1
		Transport	air	
OET-005	poor air <i>quality</i>	Environmental	airborne	1
		Health	physical	
OET-006	stagnant <i>air</i>	Environmental	airborne	1
		Health	physical	
OET-007	aircraft <i>crash</i>	Transport	air	1
		Rescue	(all)	
OET-008	aircraft <i>incident</i>	Transport	air	1
		Infrastructure	transport	
OET-009	airport <i>closure</i>	Transport	air	1
		Infrastructure	transport	
OET-010	airspace <i>closure</i>	Transport	air	1
OET-011	airspace <i>restriction</i>	Transport	air	1
OET-012	ambulance <i>issue</i>	Transport	ground, air, overwater	1
		Infrastructure	response	
OET-013	animal disease <i>issue</i>	Health	fauna	1
OET-014	animal feed <i>issue</i>	Health	fauna	1
OET-015	animal health <i>issue</i>	Health	fauna	1
OET-016	arctic <i>outflow</i>	Meteorological	temperature, wind	1

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-017	<i>ashfall</i>	Meteorological	visibility	1
		Environmental	airborne	
		Transport	air	
OET-018	<i>avalanche</i>	Geophysical	gravity	1
OET-019	<i>aviation hazard</i>	Transport	air	1
		Infrastructure	transport	
OET-020	<i>aviation security issue</i>	Transport	air	1
		Security	law enforcement, life, property	
OET-021	<i>beach hazard</i>	Environmental	aquatic, terrestrial	1
OET-022	<i>biological hazard</i>	CBRNE	biological	1
		Health	physical, fauna, flora	
OET-023	<i>blizzard</i>	Meteorological	temperature, precipitation, visibility, wind	1
		Environmental	airborne	
OET-024	<i>blood supply issue</i>	Health	physical	1
		CBRNE	biological	
		Infrastructure	response	
OET-025	<i>blowing dust</i>	Meteorological	visibility, wind	1
		Environmental	airborne	
OET-026	<i>blowing snow</i>	Meteorological	visibility, temperature, wind	1
		Environmental	airborne	
OET-027	<i>blue-green algae issue</i>	Environmental	aquatic	1
		Health	physical, flora	
OET-028	<i>bomb threat</i>	CBRNE	explosive	1
		Security	Security	
OET-029	<i>bridge closure</i>	Transport	ground	1
		Infrastructure	transport	

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-030	bridge <i>collapse</i>	Transport	ground	1
		Infrastructure	transport	
OET-031	building <i>collapse</i>	Infrastructure	other	1
OET-032	building structure <i>hazard</i>	Infrastructure	other	1
OET-033	bush <i>fire</i>	Fire	burn, suffocation	1
		Environmental	terrestrial	
OET-034	cable service <i>issue</i>	Infrastructure	communication	1
OET-035	canal <i>issue</i>	Environmental	aquatic	1
		Infrastructure	transport	
OET-036	chemical <i>fire</i>	CBRNE	chemical	1
		Fire	(all)	
OET-037	chemical <i>hazard</i>	CBRNE	chemical	1
		Health	physical, fauna, flora	
OET-038	chemical <i>smoke</i>	CBRNE	chemical	1
		Health	physical, fauna, flora	
OET-039	child <i>abduction</i>	Security	law enforcement, life	1
OET-040	civil <i>issue</i>	Security	law enforcement, life property	1
OET-041	civil <i>protest</i>	Security	law enforcement, life property	1
OET-042	coal gas <i>issue</i>	Health	physical, fauna, flora	1
		CBRNE	chemical, explosive	
OET-043	coastal <i>flood</i>	Environmental	aquatic, terrestrial	1
OET-044	cold <i>hazard</i>	Meteorological	temperature	1
		Environmental	aquatic, terrestrial, airborne	
OET-045	cold <i>weather</i>	Meteorological	temperature	1
		Environmental	airborne	
OET-046	communications service <i>disruption</i>	Infrastructure	communication	1

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-047	contagious <i>disease</i>	CBRNE	biological	1
		Health	physical, fauna, flora	
OET-048	contaminated <i>water</i>	Health	physical, fauna, flora	1
		Environmental	aquatic	
OET-049	contamination <i>issue</i>	Health	physical, fauna, flora	1
OET-050	criminal <i>activity</i>	Security	law enforcement, life, property	1
OET-051	cybercrime <i>threat</i>	Security	law enforcement, property	1
		Infrastructure	communication	
OET-052	<i>cyclone</i>	Meteorological	precipitation, visibility, lightning, wind	1
		Environmental	airborne	
OET-053	dam <i>break</i>	Environmental	aquatic, terrestrial	1
		Infrastructure	utility	
OET-054	dam <i>issue</i>	Environmental	aquatic, terrestrial	1
		Infrastructure	utility	
OET-055	dangerous <i>animal</i>	Security	law enforcement	1
		Safety	(all)	
OET-056	dangerous person <i>threat</i>	Security	law enforcement, life, property	1
OET-057	debris <i>flow</i>	Environmental	aquatic	1
		Geophysical	fluid, gravity	
OET-058	<i>demonstration</i>	Other	other	1
OET-059	dense <i>fog</i>	Meteorological	visibility	1
		Environmental	airborne	
OET-060	dense <i>smoke</i>	Meteorological	visibility	1
		Environmental	airborne	
		Health	physical, fauna	
		Fire	suffocation	

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-061	diesel fuel <i>issue</i>	Infrastructure	transport	1
		Transport	(all)	
OET-062	<i>disease</i>	Health	physical, fauna, flora	1
OET-063	disease <i>outbreak</i>	Health	physical, fauna, flora	1
OET-064	<i>drought</i>	Health	physical, fauna, flora	1
		Environmental	terrestrial	
OET-065	drug safety <i>issue</i>	Health	physical, fauna, flora	1
		Infrastructure	response	
OET-066	drug supply <i>issue</i>	Health	physical, fauna, flora	1
		Infrastructure	response	
OET-067	dust <i>storm</i>	Meteorological	visibility, wind	1
		Environmental	airborne	
OET-068	dyke <i>break</i>	Environmental	aquatic, terrestrial	1
		Infrastructure	utility	
OET-069	<i>earthquake</i>	Geophysical	seismic	1
		Environmental	terrestrial	
OET-070	electronic infrastructure <i>issue</i>	Infrastructure	utility	1
OET-071	emergency responder <i>incident</i>	Infrastructure	response	1
OET-072	emergency responder <i>threat</i>	Infrastructure	response	1
		Security	law enforcement	
OET-073	emergency support facilities <i>incident</i>	Infrastructure	response	1
OET-074	emergency support services <i>incident</i>	Infrastructure	response	1
OET-075	emergency telephone <i>outage</i>	Infrastructure	response, communication	1
OET-076	environmental <i>issue</i>	Environmental	(all)	1

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-077	explosion <i>threat</i>	CBRNE	explosive	1
		Security	(all)	
OET-078	falling <i>object</i>	Geophysical	gravity	1
OET-079	<i>fire</i>	Fire	(all)	1
OET-080	flash <i>flood</i>	Environmental	aquatic, terrestrial	1
OET-081	flash <i>freeze</i>	Meteorological	temperature	1
		Environmental	aquatic, terrestrial, airborne	
OET-082	<i>flood</i>	Environmental	aquatic, terrestrial	1
OET-083	<i>fog</i>	Meteorological	visibility	1
		Environmental	airborne	
OET-084	food <i>contamination</i>	Health	physical, fauna, flora	1
OET-085	food safety <i>issue</i>	Health	physical, fauna, flora	1
OET-086	food supply <i>issue</i>	Health	physical, fauna, flora	1
OET-087	forest <i>fire</i>	Fire	(all)	1
		Environmental	terrestrial	
OET-088	<i>freeze</i>	Meteorological	temperature	1
		Environmental	aquatic, terrestrial, airborne	
OET-089	freezing <i>drizzle</i>	Meteorological	temperature, precipitation	1
		Environmental	aquatic, terrestrial, airborne	
OET-090	freezing <i>rain</i>	Meteorological	temperature, precipitation	1
		Environmental	aquatic, terrestrial, airborne	
OET-091	freezing <i>spray</i>	Meteorological	temperature	1
		Environmental	aquatic, terrestrial	
OET-092	<i>frost</i>	Meteorological	temperature	1
		Environmental	aquatic, terrestrial, airborne	
OET-093	fuel <i>issue</i>	Infrastructure	transport	1
		Transport	(all)	
OET-094	geophysical <i>issue</i>	Geophysical	(all)	1

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-095	<i>grass fire</i>	Fire	(all)	1
		Environmental	terrestrial	
OET-096	<i>hail</i>	Meteorological	temperature, precipitation	1
		Environmental	aquatic, terrestrial, airborne	
OET-097	<i>hazardous seas</i>	Environmental	aquatic	1
		Transport	overwater, underwater	
OET-098	<i>health issue</i>	Health	(all)	1
OET-099	<i>heat hazard</i>	Environmental	aquatic, terrestrial, airborne	1
		Meteorological	temperature	
OET-100	<i>heating oil issue</i>	infrastructure	utility	1
OET-101	<i>high seas issue</i>	Environmental	aquatic	1
		Transport	overwater, underwater	
OET-102	<i>high surf</i>	Environmental	Aquatic	1
		Transport	overwater, underwater	
OET-103	<i>high tide</i>	Environmental	aquatic	1
		Transport	overwater, underwater	
OET-104	<i>high water</i>	Environmental	aquatic	1
		Transport	overwater, underwater	
OET-105	<i>home crime</i>	Security	law enforcement	1
OET-106	<i>humidity issue</i>	Meteorological	temperature	1
		Environmental	terrestrial, airborne	
		Health	physical, fauna, flora	
OET-107	<i>hurricane</i>	Meteorological	precipitation, visibility, lightning, wind	1
OET-108	<i>ice</i>	Meteorological	temperature	1
OET-109	<i>ice pressure issue</i>	Transport	overwater, underwater	1
		Meteorological	temperature	
OET-110	<i>ice storm</i>	Meteorological	(all)	1
		Environmental	terrestrial, airborne, aquatic	

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-111	<i>iceberg</i>	Transport	overwater, underwater	1
		Environmental	aquatic	
OET-112	<i>industrial crime</i>	Security	law enforcement, life, property	1
		Infrastructure	industrial	
OET-113	<i>industrial facility issue</i>	Infrastructure	industrial	1
OET-114	<i>industrial fire</i>	Infrastructure	Industrial	1
		Fire	(all)	
OET-115	<i>infrastructure issue</i>	Infrastructure	(all)	1
OET-116	<i>internet service issue</i>	Infrastructure	communication	1
OET-117	<i>lake effect snow</i>	Meteorological	temperature, precipitation	1
		Environmental	aquatic	
OET-118	<i>lake wind</i>	Meteorological	wind	1
		Environmental	aquatic	
OET-119	<i>landline service issue</i>	Infrastructure	communication	1
OET-120	<i>landslide</i>	Geophysical	gravity, solid	1
OET-121	<i>law enforcement issue</i>	Security	law enforcement	1
OET-122	<i>levee break</i>	Environmental	aquatic, terrestrial	1
		Infrastructure	utility	
OET-123	<i>lightning</i>	Meteorological	lightning	1
OET-124	<i>limited visibility</i>	Meteorological	visibility	1
OET-125	<i>low tide</i>	Transport	overwater, underwater	1
		Environmental	aquatic	
OET-126	<i>low water</i>	Transport	overwater, underwater	1
		Environmental	aquatic	
OET-127	<i>low water pressure</i>	Infrastructure	utility	1
OET-128	<i>meteoroid</i>	Environmental	space	1
OET-129	<i>meteorological issue</i>	Meteorological	(all)	1

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-130	missile <i>threat</i>	CBRNE	explosive	1
		Security	military, life, property	
OET-131	missing <i>child</i>	Security	law enforcement, life	1
OET-132	missing <i>person</i>	Security	law enforcement, life	1
OET-133	mobile communication <i>issue</i>	Infrastructure	communication	1
OET-134	<i>monsoon</i>	Meteorological	precipitation	1
		Environmental	airborne, aquatic, terrestrial	
OET-135	<i>mudslide</i>	Geophysical	gravity, fluid	1
OET-136	natural gas utility <i>issue</i>	Infrastructure	utility	1
OET-137	network <i>message</i>	Infrastructure	communication	1
OET-138	nuclear power plant <i>issue</i>	CBRNE	radiological	1
		Infrastructure	utility	
OET-139	oil <i>leak</i>	Environmental	aquatic, terrestrial	1
		Geophysical	fluid	
		CBRNE	chemical	
OET-140	oil <i>spill</i>	Environmental	aquatic, terrestrial	1
		Geophysical	fluid	
		CBRNE	chemical	
OET-141	overland <i>flood</i>	Environmental	aquatic, terrestrial	1
OET-142	pipeline <i>rupture</i>	Environmental	aquatic, terrestrial	1
		Geophysical	fluid	
		Infrastructure	utility	
OET-143	plant health <i>issue</i>	Health	physical, flora	1
OET-144	heavy <i>rain</i>	Meteorological	precipitation	1
OET-145	<i>pollen</i>	Health	physical, fauna, flora	1
		Environmental	airborne	
OET-146	potable water <i>issue</i>	Infrastructure	utility	1

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-147	power <i>outage</i>	Infrastructure	utility	1
OET-148	power utility <i>issue</i>	Infrastructure	utility	1
OET-149	product safety <i>issue</i>	Safety	(all)	1
OET-150	public facility <i>issue</i>	Infrastructure	other	1
OET-151	public health <i>issue</i>	Health	(all)	1
OET-152	public service <i>issue</i>	Infrastructure	other	1
OET-153	public transit <i>issue</i>	Infrastructure	transportation	1
		Transport	(all)	
OET-154	pyroclastic <i>flow</i>	Geophysical	seismic, gravity, gas	1
OET-155	radiation <i>issue</i>	CBRNE	radiological	1
		Health	physical, fauna, flora	
OET-156	radio transmitter <i>issue</i>	Infrastructure	communication	1
OET-157	radioactive material <i>release</i>	CBRNE	radiological	1
		Health	physical, fauna, flora	
OET-158	radiological <i>fire</i>	CBRNE	radiological	1
		Health	physical, fauna, flora	
		Fire	(all)	
OET-159	railway <i>issue</i>	Infrastructure	transport	1
		Transport	ground	
OET-160	<i>rain</i>	Meteorological	precipitation	1
OET-161	rapid ice closing of water <i>passage</i>	Meteorological	temperature	1
		Environmental	aquatic	
		Transport	overwater, underwater	
OET-162	<i>red tide</i>	Health	physical, fauna, flora	1
		Environmental	aquatic	
OET-163	rescue <i>issue</i>	Rescue	(all)	1
OET-164	retail crime <i>issue</i>	Security	law enforcement	1
OET-165	rip current <i>issue</i>	Environmental	aquatic	1

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-166	road <i>closure</i>	Infrastructure	transportation	1
		Transport	ground	
OET-167	road <i>issue</i>	Infrastructure	transportation	1
		Transport	ground	
OET-168	road vehicle <i>accident</i>	Infrastructure	transportation	1
		Transport	ground	
OET-169	rogue <i>wave</i>	Environmental	aquatic	1
		Transport	overwater, underwater	
OET-170	safety <i>issue</i>	Safety	(all)	1
OET-171	<i>sandstorm</i>	Meteorological	wind, visibility, lightning	1
		Environmental	airborne	
OET-172	satellite <i>debris</i>	Environmental	space	1
		Geophysical	gravity	
OET-173	satellite service <i>issue</i>	Environmental	space	1
		Infrastructure	communication	
OET-174	school bus <i>issue</i>	Transport	ground	1
OET-175	school <i>closing</i>	Infrastructure	other	1
OET-176	school <i>lockdown</i>	Infrastructure	other	1
		Security	law enforcement	
OET-177	<i>search</i>	Rescue	search	1
OET-178	security <i>issue</i>	Security	(all)	1
OET-179	sewer <i>issue</i>	Infrastructure	utility	1
		Health	physical	
OET-180	shoreline <i>threat</i>	Environmental	aquatic, terrestrial	1
OET-181	<i>sinkhole</i>	Environmental	terrestrial	1
OET-182	<i>sleet</i>	Meteorological	temperature, precipitation	1
		Transport	ground, air	

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-183	<i>smoke</i>	Meteorological	visibility	1
		Environmental	airborne	
		Fire	suffocation	
OET-184	<i>snow</i>	Meteorological	temperature, precipitation	1
OET-185	<i>snowstorm</i>	Meteorological	temperature, precipitation, wind, lightning	1
		Environmental	airborne	
OET-186	<i>space debris</i>	Environmental	Space	1
OET-187	<i>space weather</i>	Environmental	Space	1
		Geophysical	electromagnetic	
OET-188	<i>squall</i>	Meteorological	wind, precipitation	1
		Environmental	airborne	
OET-189	<i>storm</i>	Meteorological	wind, precipitation, lightning, visibility	1
OET-190	<i>storm drainage issue</i>	Infrastructure	utility	1
OET-191	<i>storm surge</i>	Environmental	aquatic, terrestrial	1
OET-192	<i>structure fire</i>	Infrastructure	(all)	1
		Fire	(all)	
OET-193	<i>swells</i>	Environmental	aquatic	1
OET-194	<i>telephone issue</i>	Infrastructure	communication	1
OET-195	<i>terrorist incident</i>	Security	law enforcement, life, property	1
OET-196	<i>thin ice</i>	Meteorological	temperature	1
		Environmental	aquatic	
		Transport	overwater	
OET-197	<i>thunderstorm</i>	Meteorological	wind, precipitation, visibility, lightning	1
OET-198	<i>tornadic waterspout</i>	Meteorological	wind, precipitation, visibility, lightning	1
		Environmental	airborne, aquatic	

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-199	<i>tornado</i>	Meteorological	wind, precipitation, visibility, lightning	1
OET-200	<i>toxic plume</i>	CBRNE	Chemical	1
		Health	physical, fauna, flora	
		Environmental	airborne	
OET-201	<i>toxic spill</i>	CBRNE	chemical	1
		Health	physical, fauna, flora	
		Environmental	aquatic, terrestrial	
OET-202	<i>traffic issue</i>	Infrastructure	transport	1
		Transport	(all)	
OET-203	<i>transport issue</i>	Infrastructure	transport	1
		Transport	(all)	
OET-204	<i>tropical depression</i>	Meteorological	wind, precipitation, visibility, lightning	1
OET-205	<i>tropical storm</i>	Meteorological	wind, precipitation, visibility, lightning	1
OET-206	<i>tsunami</i>	Geophysical	seismic, fluid	1
		Environmental	aquatic	
OET-207	<i>typhoon</i>	Meteorological	wind, precipitation, visibility, lightning	1
OET-208	<i>ultraviolet radiation</i>	CBRNE	radiological	1
		Health	physical, fauna, flora	
OET-209	<i>utility issue</i>	Infrastructure	utility	1
OET-210	<i>vehicle crime</i>	Security	law enforcement, property	1
OET-211	<i>volcanic activity</i>	Geophysical	seismic	1
OET-212	<i>volcanic eruption</i>	Geophysical	gravity, seismic	1
		Fire	(all)	
OET-213	<i>volcanic lahar</i>	Geophysical	gravity, seismic	1
		Fire	(all)	

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
OET-214	volcanic <i>lava</i>	Geophysical	gravity, seismic	1
		Fire	(all)	
OET-215	waste management <i>issue</i>	Infrastructure	utility	1
		Health	physical	
OET-216	water utility <i>issue</i>	Infrastructure	utility	1
OET-217	water main <i>break</i>	Infrastructure	utility	1
OET-218	<i>waterspout</i>	Meteorological	wind	1
		Environmental	aquatic, airborne	
OET-219	weather <i>issue</i>	Meteorological	(all)	1
OET-220	<i>wildfire</i>	Fire	(all)	1
		Environmental	terrestrial	
OET-221	wind <i>issue</i>	Meteorological	wind	1
		Environmental	airborne	
OET-222	wind <i>change</i>	Meteorological	wind	1
		Environmental	airborne	
OET-223	wind <i>chill</i>	Meteorological	wind, temperature	1
		Environmental	airborne	
OET-224	wind shear <i>risk</i>	Meteorological	wind	1
		Environmental	airborne	
		Transport	air	
OET-225	winter <i>storm</i>	Meteorological	(all)	1
OET-226	winter weather <i>issue</i>	Meteorological	temperature	1

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
will start at 227 when this new list is finalized	<i>accident</i>	Other	other	1
	<i>acid rain</i>	Meteorological	precipitation	2
		Health	physical, fauna, flora	
		CBRNE	chemical	
	<i>air search</i>	Rescue	search	1
	<i>aircraft issue</i>	Infrastructure	transport	1
		Transport	air	
	<i>algal bloom</i>	health	physical, flora	1
	<i>anti-venom issue</i>	Infrastructure	response	1
		Health	physical	
	<i>armed conflict</i>	Security	(all)	2
	<i>atmospheric depression</i>	Meteorological	pressure	2
		Environmental	airborne	
	<i>black ice</i>	Meteorological	temperature	4
		Transport	ground	
	<i>blood supply contamination</i>	Health	physical	1
		Infrastructure	response	
	<i>blood supply shortage</i>	Health	physical	1
		Infrastructure	response	
	<i>boil water</i>	Safety	(all)	1
		Health	(all)	
	<i>building fire</i>	Infrastructure	other	1
		Fire	(all)	

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
	carbon <i>clouds</i>	Health	physical, fauna, flora	2
		CBRNE	chemical	
		Environmental	airborne	
	<i>catastrophe</i>	Other	other	1
	CBRNE <i>issue</i>	CBRNE	CBRNE	1
	coastal <i>hazard</i>	Environmental	aquatic, terrestrial	3
	cold <i>wave</i>	Meteorological	temperature	2
	communication <i>issue</i>	Infrastructure	communication	1
	<i>crisis</i>	Other	other	1
	crop <i>hazard</i>	Health	physical, flora	1
	<i>danger</i>	Other	other	1
	data <i>breach</i>	Security	property	2
		Infrastructure	Other	
	<i>derecho</i>	Meteorological	wind	2
	<i>disaster</i>	Other	other	1
	<i>downburst</i>	Meteorological	precipitation, wind	2
	drone <i>conflict</i>	Security	(all)	1
	drowning <i>hazard</i>	Environmental	aquatic	1
	dry <i>spell</i>	Environmental	terrestrial	5
	<i>dzud</i>	Meteorological	temperature	2
	earth <i>avalanche</i>	Geophysical	gravity	1
	electrical <i>storm</i>	Meteorological	precipitation, wind, lightning	2
	<i>emergency</i>	Other	other	1
	epizootic <i>issue</i>	Health	fauna	4
	erosion <i>issue</i>	Environmental	aquatic, terrestrial	2
	estuarine <i>flood</i>	Environmental	aquatic, terrestrial	2

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
	<i>evacuation</i>	Safety	(all)	1
	<i>explosion</i>	CBRN	explosive	1
	<i>extra-tropical cyclone</i>	Meteorological	precipitation, visibility, lightning, wind	2
		Environmental	airborne	
	<i>falling debris</i>	Geophysical	gravity	1
	<i>fauna issue</i>	health	fauna	1
	<i>find shelter</i>	Safety	(all)	1
	<i>flora issue</i>	health	flora	1
	<i>fluvial flood</i>	Environmental	terrestrial	2
	<i>fuel issue</i>	Infrastructure	transport, utility, other	1
		Transport	(all)	
	<i>fumes</i>	Health	physical	4
		Fire	suffocation	
	<i>geomagnetic storm</i>	Environmental	airborne, space	2
		CBRNE	radiological	
	<i>glacial lake outburst flood</i>	Environmental	aquatic, terrestrial	2
	<i>ground gases</i>	Geophysical	gas	2
	<i>ground search</i>	Rescue	search	1
	<i>ground shaking</i>	Geophysical	seismic	2
	<i>groundwater flood</i>	Environmental	terrestrial	2
	<i>hazard</i>	Other	other	5
	<i>haze</i>	Meteorological	visibility	2
		Environmental	airborne	
	<i>heat wave</i>	Meteorological	temperature	2
	<i>high temperature</i>	Meteorological	temperature	3
	<i>hijacking</i>	Security	military, government, life, property	4

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
	hoar <i>frost</i>	Meteorological	temperature	2
	ice-jam <i>flood</i>	Environmental	aquatic, terrestrial	2
	inlet <i>migration</i>	Environmental	aquatic	1
	insect <i>plague</i>	Health	physical, fauna	4
		Environmental	terrestrial, airborne	
	insect <i>swarm</i>	Safety	(all)	1
	invasive species <i>issue</i>	Health	physical, fauna, flora	2
		Environmental	terrestrial, aquatic	
	ionospheric <i>storm</i>	Environmental	airborne, space	2
		CBRNE	radiological	
	<i>liquefaction</i>	Geophysical	fluid	2
	locust <i>swarm</i>	Safety	(all)	1
	low <i>temperature</i>	Meteorological	temperature	3
	malware <i>issue</i>	Security	property	2
		Infrastructure	other	
	marine <i>hazard</i>	Environmental	aquatic	3
	medication <i>issue</i>	Infrastructure	response	1
		Health	physical	
	mud <i>flow</i>	Geophysical	gravity	2
	near-earth <i>object</i>	Environmental	space	2
	nuclear <i>explosion</i>	Security	(all)	1
		CBRNE	nuclear, explosive	
	nuclear <i>fallout</i>	CBRNE	nuclear, explosive	1
		Health	(all)	
	nuclear fuel <i>issue</i>	Infrastructure	utility	1
		CBRNE	nuclear	

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
	nuclear <i>threat</i>	Security	(all)	1
		CBRNE	nuclear, explosive	
	nuclear weapon <i>attack</i>	Security	(all)	4
		CBRNE	nuclear, explosive	
	odour <i>nuisance</i>	Health	physical, emotional, social	4
		Fire	suffocation	
	overwater <i>search</i>	Rescue	search	1
	paramilitary <i>attack</i>	Security	military, government, life, property	4
	plant <i>disease</i>	health	flora	1
	polar <i>low</i>	Meteorological	temperature, pressure	2
	police <i>strike</i>	Security	(all)	1
	ponding <i>flood</i>	Environmental	terrestrial	2
	poor <i>visibility</i>	Meteorological	visibility	1
	power cable <i>issue</i>	Infrastructure	utility	1
	public <i>panic</i>	Health	physical, emotional, social	1
		Security	law enforcement	
	radio <i>blackout</i>	infrastructure	communication	2
	rain <i>flood</i>	Environmental	terrestrial	3
	<i>riot</i>	Security	law enforcement	1
	rising <i>water</i>	Environmental	aquatic, terrestrial	1
	rock <i>slide</i>	Geophysical	gravity	2
	rock <i>fall</i>	Geophysical	gravity	2
		Safety	(all)	
	sand <i>haze</i>	Meteorological	visibility	2
		Environmental	airborne	
	<i>seiche</i>	Environmental	aquatic, terrestrial	2
		Safety	property	

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
	<i>self-identify</i>	Security	law enforcement, life, government	1
	<i>sewage issue</i>	Infrastructure	utility	1
		Environmental	aquatic, terrestrial	
	<i>sewage treatment issue</i>	Infrastructure	utility	1
		Environmental	aquatic, terrestrial	
	<i>shelter in place</i>	Safety	(all)	1
	<i>showers</i>	Meteorological	precipitation	1
	<i>slipperiness issue</i>	Safety	(all)	4,5
	<i>snow avalanche</i>	Geophysical	gravity	1
	<i>snowmelt flood</i>	Environmental	terrestrial	2
	<i>solar storm</i>	Environmental	space	2
		CBRNE	radiological	
	<i>space hazard</i>	Environmental	space	2
	<i>stay clear</i>	Safety	(all)	1
	<i>sub-tropical cyclone</i>	Meteorological	precipitation, visibility, lightning, wind	2
		Environmental	airborne	
	<i>supply chain issue</i>	Infrastructure	(all)	2
	<i>surface fissure</i>	Geophysical	seismic	2
	<i>surface rupture</i>	Geophysical	seismic	2
	<i>surface water flood</i>	Environmental	aquatic, terrestrial	2
	<i>take action</i>	Other	other	1
	<i>test</i>	Other	other	1
	<i>thaw</i>	Meteorological	temperature	2
	<i>thawing episode</i>	Meteorological	temperature	4
	<i>threat</i>	Other	other	1
	<i>transport issue</i>	Transport	(all)	1

OASIS Open Event Code	OASIS Open Event Term	OASIS Open CAP Categories	OASIS Open Subcategories	Source Index Number
	tropical <i>cyclone</i>	Meteorological	precipitation, visibility, lightning, wind	2
		Environmental	airborne	
	undefined flying <i>object</i>	Environmental	airborne	4
	undersea cable <i>issue</i>	Infrastructure	utility	1
	unidentified <i>animal</i>	Environmental	aquatic, terrestrial, airborne	4
	water <i>hazard</i>	Environmental	aquatic, terrestrial	1
	water supply <i>issue</i>	Infrastructure	utility	2
	water utility <i>issue</i>	Infrastructure	utility	1
	weather <i>depression</i>	Meteorological	wind, pressure	1
	wet <i>spell</i>	Environmental	terrestrial	5
		Meteorological	precipitation	
	wind <i>gust</i>	Meteorological	wind	1
	worker <i>strike</i>	Security	law enforcement	1

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4.3 Indexed Source (Individual or Group)

Event Terms in the **OASIS Open Event Terms List** are commonly used language terms that require no attribution, except when acknowledging the inspiration for their inclusion. The terms used were compiled from various online sources, as well as from the historical insights and experiences of the **OASIS OPEN Common Alerting Protocol Subcommittee (CAP-SC)** members.

Source Index Number	Source
1	OASIS Open – Common Alerting Protocol Subcommittee (CAP-SC) <i>Copyright © OASIS®</i>
2	Bell, Frank. <i>[Hazard Definition & Classification Review]</i> . United Nations Office for Disaster Risk Reduction (UNDRR), [2020]. <i>Copyright © UNDRR.</i>
3	METEOALARM Website Developed by EUMETNET – the European Meteorological Services Network <i>Copyright © EUMETNET</i>
4	EMERGENCY WARNING SATELLITE SERVICE Common Alert Message Format Specification <i>Copyright © European Union/Japan Cabinet Office.</i>
5	World Meteorological Organization <i>Copyright © World Meteorological Organization (WMO)</i>

5. Submitting Content

The submission and commenting process for making content suggestions to the **OASIS Open Event Terms List – Lookup Table** involves accessing the following link:

*[Web link] *To be provided with the OASIS Open Committee Note to be published after completion of the Public Review process of this version of the resource.*

The web link form includes fields for entering proposed new event-type terms; any associated definitions; a set of proposed CAP Category mappings and OASIS-Open Subcategory mappings; as well as offering room for entering additional comments as needed.

The form requests a name and an email address for:

- acknowledging receipt of the submission, and
- initiating dialogue with regards to the submission as needed

It is recognized that some terms may have “**restricted use**” rights and/or “**confidentiality**” clauses and, as a standard course of action, the form will inquire as to the “**right to provide**” from the submitter (in all cases) as a formality. Common language terms, ones not copyrighted or associated with “**restricted use**” and/or “**confidentiality**”, are the preferred terms for this list ¹⁸.

In preparation for submitting a new term, a submitter should have:

- The event-type term (in English)
- The event-type term definition (in English)
- One or more suggested CAP categories for mapping
- One or more suggested OASIS Open Subcategories for mapping
- Additional comments as needed
- Your “right-to-use” declaration
- Your full name
- Your email address (for correspondence)

¹⁸ The term AMBER (an acronym for America’s Missing: Broadcast Emergency Response) is equivalent to a child abduction emergency. In some jurisdictions, however, AMBER may have “restricted use” rights, and as a result, it is not included in the OASIS Open Event Terms List. Furthermore, the term is ambiguous - open to multiple interpretations. Consequently, the equally functional, yet clearer, common language alternative: “child abduction emergency”, is the term used in the **OASIS Open Event Terms List**. **OASIS Open**, does however, acknowledge the use of AMBER (as in “AMBER Alert”) as an effective example of social science in action. Over time, this term has become immediately recognizable and widely understood, particularly in local and regional jurisdictions where audiences have been conditioned to associate the term with urgent child abduction situations.

Appendix A: Acknowledgments

A.1 TC Participants

The following individuals were members of the EMTC during the creation of this document and their oversight and guidance are gratefully acknowledged:

Elysa Jones	Individual
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A.2 CAP Subcommittee Participants

The CAP Subcommittee is Chaired by Jacob Westfall who has led the committee in the development of this Public Review Committee Note. The tireless efforts of Thomas Wood and Norm Paulsen supported by lead editor Rex Brooks have made this document possible. The following individuals have participated in the subcommittee creating this lookup table reference and are gratefully acknowledged:

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A.3 Special Thanks

The Committee would like to acknowledge the assistance provided to the work of the initial CN from:

Frank Bell	Kybernetix
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Appendix B: Revision History

Revision	Date	Editor	Changes Made
01	09-16-2020	Norm Paulsen	First Complete Draft
02	09-23-2020	Scott Robertson	Appendix A Acknowledgments added Appendix B Event Terms added Appendix C Revision History added
03	10-28-2020	Rex Brooks	First Complete Edited Draft
04	10-01-2021	Norm Paulsen, Rex Brooks	Multiple additions Appendix A Acknowledgments edited Second Complete Edited Draft
05	01-10-2025	Norm Paulsen, Thomas Wood	First Complete Version 2.0 Draft Appendix A updated Appendix B moved to main content section Appendix C retitled as Appendix B Existing content moved out to User's Guide and forthcoming Concept Guide New Content and Event Terms added