

for countries making large CAP investments. WMO will discuss the [Global Multi-hazard Alert System \(GMAS\)](#), which has WMO Alert Hub as its key component.

[WMO Alert Hub](#) was contributed to WMO by the United States. It is operated by [Alert-Hub.Org CIC](#) and runs on the Amazon Web Services cloud. This same cloud-based system also hosts the free [CAP Editor](#) tool for creating and publishing CAP alerts. CAP Editor is initialized for use by 350 of the world's alerting authorities, across 200 countries and 22 languages. Anyone can use this free tool as a "Guest", but actual publishing of alerts requires an authorized user who sets his/her own password. CAP Editor is now in use as an operational CAP publishing system by 20 alerting authorities. To arrange free group training on the CAP Editor tool, contact Eliot.J.Christian@gmail.com.

[AccuWeather](#) has been using CAP for more than 15 years, and will discuss its application of CAP worldwide.

The [Everbridge](#) presentation will explain how their products and services support global adoption of CAP.

Google will present an update on its support of CAP implementations, and its own CAP-based initiatives. For example, [Google Crisis Response](#) delivers relevant emergency alerts through everyday services like Google Search, Google Maps, and Android push notifications. If you are using Google Maps and any alerts are active in the area being viewed, the map may show Google [SOS Alerts](#). If your smart phone has [location](#) turned on, you may receive a notification on your mobile device's home screen and you can tap the notification to see the full alert on Google Search.

[OpenBroadcaster](#) will deliver a presentation on CAP alerting with Community Radio and associated tech.

The Workshop will also see a presentation about various other examples of CAP implementations

The [Call to Action on Emergency Alerting](#) may be a topic of discussion. It has been endorsed by all Workshop co-sponsors, the [United Nations Office for Disaster Risk Reduction \(UNDRR\)](#), and the [World Broadcasting Unions \(WBU\)](#), among others. For example, [Vint Cerf](#) endorsed it with these words:

In decades past, emergency warnings reached most people in harm's way through mass media such as over-the-air broadcast radio and television. Now, people spend more and more time online (chatting, streaming movies and sports, learning, shopping, gaming, etc.). Many will not get emergency messages designed for mass media. Yet, it is easy for Internet technologies to deliver CAP alerts to online users, and to life-saving online devices such as sirens, digital signage, bridge controls, bed shakers, etc.

Let's build out a future where CAP-enabled alerting becomes a humanitarian feature of all major cloud services and computer operating systems worldwide.

A [CAP Training Webinar](#) will be held on 15 October, 13:00-17:15 CEST. The CAP Training will cover: the basics of CAP and how it serves interoperability; getting and displaying CAP alerts from alerting authorities and aggregators; making and validating CAP; disseminating CAP via traditional methods and the Internet; a survey of some CAP implementations already operating, and, a hands-on walk-through of an actual CAP implementation. The CAP Training is open to all those, and only those, who register for the CAP Workshop, by e-mail to Eliot.J.Christian@gmail.com.

CAP Implementation Workshops are technical meetings conducted in English without interpretation. These meetings do not set policy; they are intended solely for information sharing among experts. Accordingly, participants represent themselves and need not be formally associated with organizations. Registration is necessary to receive the required password for the video conference. Participants from any WMO Member agency should note guidance in the [Workshop announcement Letter from WMO Secretariat](#).

Materials from prior CAP Workshops are available at these links:

- [2020 Geneva, Switzerland](#)
- [2019 Mexico City, Mexico](#)
- [2018 Hong Kong, China](#)
- [2017 Rome, Italy](#)
- [2016 Bangkok, Thailand](#)
- [2015 Rome, Italy](#)
- [2014 Negombo, Sri Lanka](#)
- [2013 Geneva, Switzerland](#)
- [2012 Montréal, Canada](#)
- [2011 Geneva, Switzerland](#)
- [2009 Geneva, Switzerland](#)
- [2008 Geneva, Switzerland](#)
- [2006 Geneva, Switzerland](#)

Program Committee of the 2021
CAP Implementation Workshop:

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