

AFP FACT CHECK WEBINAR

Debunking misinformation in Asia

 [@AFPFactCheck](https://twitter.com/AFPFactCheck)

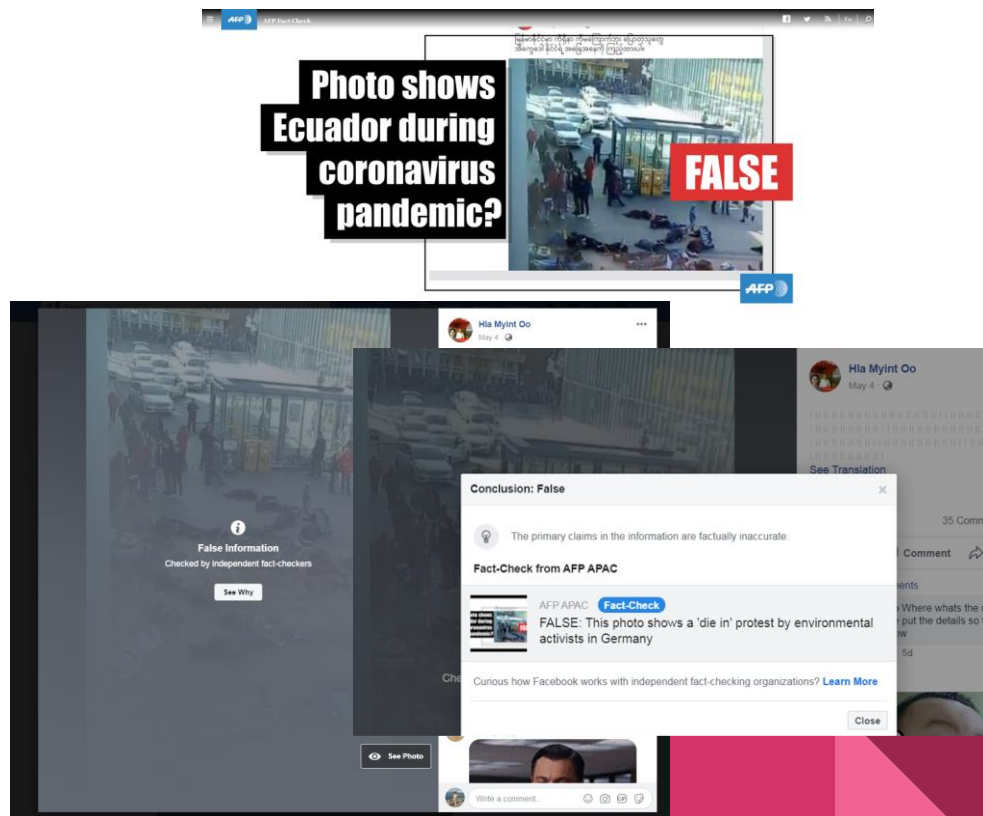
AFP Fact Check

- AFP Fact Check launched in late 2017
- Now 30 countries globally. In Asia: Australia, Hong Kong, India, Indonesia, Malaysia, Philippines, Pakistan, Singapore, Sri Lanka, Thailand and Myanmar
- Four languages in Asia; including English, Thai, Indonesian, Malay and soon Burmese
- Fake news global – see same content multiple languages
- Online fact-checking is becoming increasingly important



AFP + Facebook

- Part of Facebook Third-Party Fact-Checking program
- Facebook provides AFP with feeds of potentially misleading content
- AFP writes fact checks based on merit/news value
- Once fact check is written, we add it back into the FB ecosystem
- Facebook take steps to stop fake news spreading



Tackling misinformation

FIRSTDRAFT

7 TYPES OF MIS- AND DISINFORMATION



SATIRE OR PARODY

No intention to cause harm but has potential to fool



MISLEADING CONTENT

Misleading use of information to frame an issue or individual



IMPOSTER CONTENT

When genuine sources are impersonated



FABRICATED CONTENT

New content is 100% false, designed to deceive and do harm



FALSE CONNECTION

When headlines, visuals or captions don't support the content



FALSE CONTEXT

When genuine content is shared with false contextual information



MANIPULATED CONTENT

When genuine information or imagery is manipulated to deceive

First Draft is an excellent verification organisation dedicated to researching and tackling misinformation

Coronavirus myths

- Globally, we've published more than 1,100 reports across 12 languages about the coronavirus pandemic
- In Asia alone, we've produced more than 300 reports in four languages
- Reports related to rumours and hoaxes; photos/videos used in the wrong context; false cures and COVID-19 prevention tips
- On our [@AFPFactCheck](#) Twitter account, we tweet our stories with the hashtag #CoronavirusFacts as part of the [International Fact Checking Network's](#) efforts to debunk coronavirus misinformation



We regularly update our
COVID-19 verification hub

False cures

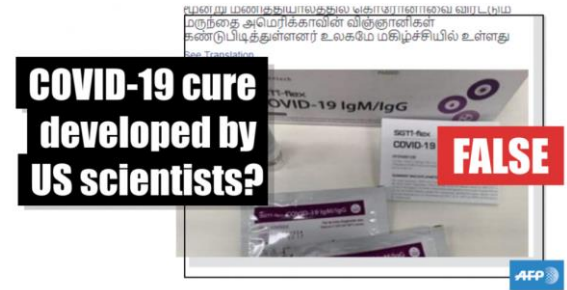


No evidence drinking tea can cure or relieve symptoms of COVID-19, doctors say

- [Tea hoax](#) shared in Sri Lanka
- [Trump's comments](#) about disinfectant
- South Korean test kits photo circulated with [false 'cure' claim](#)



Trump's idea to treat COVID-19 with disinfectant could cause deaths



This photo shows a COVID-19 test kit developed by a South Korean company

Copy-paste hoaxes: case study



Chef Mavis Soliven

24 March at 11:45 · 🌐

From HK today:

"In our laboratory, we found trace amount of the virus on the skin of fruits and vegetables after 12 hrs. of being touched by another customer who was infected.

We recommend our staff to avoid salads. Do not eat the fruits within 48



A woman walks through the wet markets wearing a protective face mask in Hong Kong on February 25, 2020. (AFP / LIAISON)



circulates online in Hong Kong that COVID-transmitted through fruits and vegetables

Photo/video taken out of context: case study



This video shows a police drill in India during the coronavirus pandemic



Fabricated report: case study

MCM
Make Comments Meaningful

Home Sports Showbiz Fashion Tech News **World News**

Vatican confirms Pope Francis and two aides test positive for Coronavirus

BREAKING: Vatican confirms Pope Francis and two aides test positive for Coronavirus

Less than a minute



The Vatican has confirmed in a statement that Pope Francis and two of his aides have tested positive for the novel Coronavirus.

The three new cases add up to the over 400 cases confirmed in Italy under a week.

**Vatican confirms
Pope Francis
contracted novel
coronavirus?**

FALSE

Vatican confirms Pope Francis and two aides test positive for Coronavirus - MCM



This report is not from a genuine news site -- the Vatican said the pope was suffering from a cold

FACT-CHECKING TOOLS

Reverse image search

- Upload the image to [Google Image Search](#), [Yandex](#) or try the [RevEye extension](#)
- Google will provide you with a list of search results which you can analyse to try to establish where and when the image first appeared online
- **Example:** photo shows food waste in Sri Lanka during the pandemic?



This 2017 photo shows food waste in Australia -- it is unrelated to the COVID-19 pandemic

Geo-location of UGC

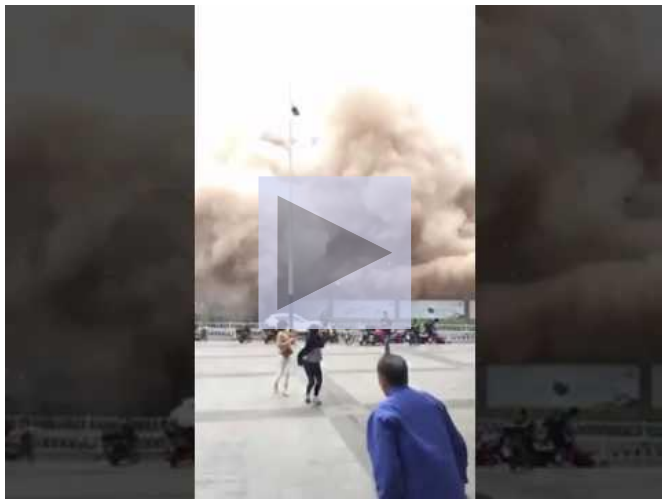
Key clues to look for:

- Shop signs
- Landmarks
- Style of buildings
- Logos
- Street signs
- Ethnicity of the people featured
- Clothing/props
- Languages spoken
- Background music
- Terrain/style of cityscape



Video verification: InVID/WeVerify

For videos, e.g. [this](#) misleading post, use [InVID/WeVerify](#) – breaks down videos into keyframes then allows you to run a reverse image search.



This video has circulated online since 2017 about a hotel demolition in China's Jiangsu province

You will often locate [news reports](#) about the video, or at least clues about where and when it was filmed and what it features.

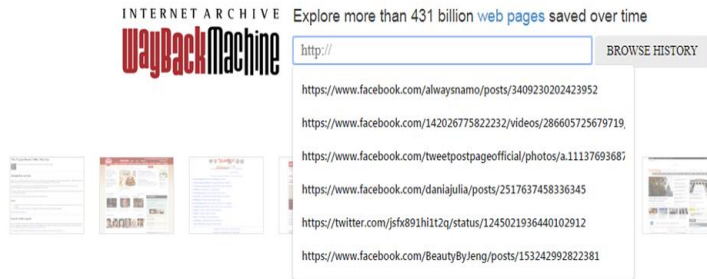
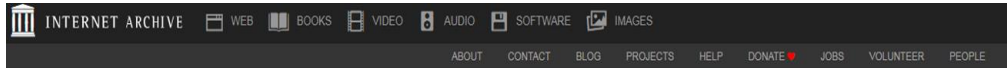
OTHER HANDY ONLINE FACT-CHECKING TOOLS

Other fact-checking tools

- [The WayBack Machine](#): online archive, useful for finding web pages which have been removed
- [Carbon Dating the Web](#): free tool which gives you an estimated date that a web page was published
- [Get-Metadata.com](#): check the metadata of a video or photo to see if it is an original file



The WayBack Machine



Tools

- Wayback Machine Availability API
Build your own tools.
- WordPress Broken Link Checker
Banish broken links from your blog.
- 404 Handler for Webmasters
Help users get where they were going.



Subscription Service

Archive-It enables you to capture, manage and search collections of digital content without any technical expertise or hosting facilities. Visit [Archive-It](#) to build and browse the collections.



Save Page Now

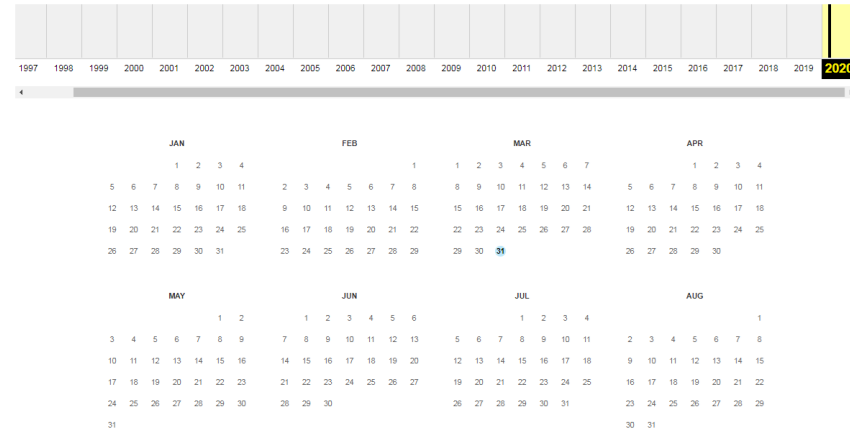
Capture a web page as it appears now for use as a trusted citation in the future.
Only available for sites that allow crawlers.

[FAQ](#) | [Contact Us](#) | [Terms of Service](#) (Dec 31, 2014)



[Calendar](#) · [Collections](#) · [Changes](#) · [Summary](#) · [Site Map](#)

Saved **1 time** **March 31, 2020**



Carbon Dating The Web

Carbon Dating The Web

Predict the Birthday of a Webpage!

uels-hatred-against-indias-muslims-055230255.html

Carbon Date!

GET http://carbodate.cs.odu.edu/cd/http://www.cs.odu.edu/

[Carbon dating](#) is computationally expensive.
Please try again later if the process takes too long.

If you plan to carbon date a large number of web pages, as a courtesy to other users, kindly [install the application locally](#)

[Web Science and Digital Libraries - Department of Computer Science, Old Dominion University, Norfolk VA - 23529](#)

Carbon Dating The Web

Predict the Birthday of a Webpage!

https://news.yahoo.com/virus-misinformation-fuels-h

Carbon Date!

Estimated creation date: 2020-05-05T23:59:59

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{
  "self": "http://carbodate.cs.odu.edu/cd/https://news.yahoo.com/virus-
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  ],
  "sources": {
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      "memento-pubdate": "",
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    },
    "bitly.com": {
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    },
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    },
    "pubdate": {
      "earliest": ""
    },
    "twitter.com": {
      "earliest": ""
    }
  }
}
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Get-Metadata.com

METADATA **2**GO .com

FREE ONLINE EXIF
VIEWER



Top 15 Meta Keys

- Category
- Image Height
- Modify Date
- Raw Header
- Size
- File Type
- Create Date
- Image Width
- Megapixels
- Image Size
- File Size
- Mime Type
- Bits Per Sample
- File Name
- File Type Extension

FIND OUT
WHICH METADATA
INFORMATION YOUR
FILE CONTAINS



DRAG & DROP YOUR FILE HERE

[Choose File](#) No file chosen

OR [CLICK HERE](#) TO UPLOAD A FILE



Search for metadata



Top 15 File Formats

- PDF (Portable Document Format)
- MKV (Matroska Video File)
- PNG (Portable Network Graphics)
- MP4 (MPEG-4 Video Stream)
- ZIP (ZIP compression)
- MP3 (MPEG Layer 3 Audio)
- GIF (CompuServe Graphics Interchange Format)
- BMP (Microsoft Windows bitmap)
- M4A (MPEG-4 Audio Layer)
- WAV (WAVE Audio)
- JPG (Joint Photographic Experts Group JFIF format)
- ODT (OpenDocument Text Document)
- AVI (Microsoft Audio/Visual Interleaved)
- XLS (Microsoft Excel Spreadsheet)
- DOC (Microsoft Word Binary File Format)

Handler Class	Data Handler
Handler Vendor Id	Apple
Handler Description	Core Media Data Handler
Meta Format	mebx
Handler Type	Metadata Tags
Gps Coordinates	22 deg 18' 59.76" N, 114 deg 12' 48.60" E, 26.477 m Above Sea Level
Make	Apple
Model	iPhone 5
Software	10.3.4
Creation Date	2020:04:28 14:37:58+08:00
Avg Bitrate	15.5 Mbps
Gps Altitude	26.477 m
Gps Altitude Ref	Above Sea Level
Gps Latitude	22 deg 18' 59.76" N
Gps Longitude	114 deg 12' 48.60" E
Image Size	1920x1080
Megapixels	2.1

Fact checks on our wire

Asia fact check reporters add value to AFP's regional coverage – writing sidebars, focus pieces, contributing key information to breaking news stories.

AFP

Asia cracks down on virus 'fake news'



1 / 4
Since the virus crisis began, there has been an online flood of dangerous fake cures and conspiracy theories that the WHO has

1

Katie FORSTER and Spencer FEINGOLD with AFP bureaus
April 10, 2020, 4:32 PM GMT+8

TRENDING

1. No spike in coronavirus in places reopening, U.S. health secretary says

AFP

Virus misinformation fuels hatred against India's Muslims



1 / 4
Hindu nationalists are using the coronavirus to foment hatred against Muslims, using online platforms and some mainstream media to

1

Jalees Andrabi and Uzair Rizvi
May 6, 2020, 1:52 PM GMT+8

TRENDING

AFP

Fake cures, risky rumours: virus misinformation hits home



1 / 4
A man in the US died after taking a form of chloroquine used to clean fish tanks in the mistaken belief it would protect

1

Katie FORSTER with Uzair RIZVI in New Delhi
March 26, 2020, 3:54 PM GMT+8

TRENDING

1. No spike in coronavirus in places reopening, U.S. health secretary says

Contact me



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