# 4.11 Mi i $f_{\mathfrak{D}}^{1}$ a $\mathbf{a}_{\mathfrak{D}}$ a d i $f_{\mathfrak{D}}$ de ic

Misinformal ion is false informal ion half is spread, regardless of in entrol or mislead. Disinformal ion is the intentional spreading of misinformal ion. For elample, a political opponent or foreign go ernment malengage in a disinformal ion campaign to achie elapartic lar goal, so chas an electroral ad an age or indermining of the string indemocratic institutions, independent media, and scientific knolledge.

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D ring he COVID-19 pandemic, people began o set he erm 'infodemic' (or 'mis-infodemic') o cap ret he parallel bettern he rapid spread of he ir s and he rapid spread of misinformal ion abo both COVID-19 and meas rest o pre entit, manage it, and miligate its economic and social impacts. E is ing misinformal ion efforts related to accines ere often re-directed to COVID-19 accines once he became a ailable, and man ne anti- accine efforts ere la nothed.

In 2020, he Broadband Commission for S stainable De elopment sponsored b the International Telecomm nication Union (ITU) and United Nations Ed cational, Scientific and C it rail Organitation (UNESCO) published a report about contening digital misinformation hile respecting freedom of expression.(12)

The report describes file stages in the misinformation life cicle:



## Monitoring and fact-checking

- Incl des moni oring and e posing misinformal ion (e.g., deb nked claims) and fad -checking ne claims
- J dgemen of rained professionals emplo ed b independen organi alions, e en hen helped b a lomalion, can miligal elhe risk of infringing on freedom-of-e pression rights



# **Credibility labeling**

 Incl des con en - erification ools, eb-con en indicators, signposting (pointing o credible e idence so rces), and ebst e-credibilitiabeling



#### Educational

 Incl des de eloping cil i ens' media and informal ion lil erac (e.g., cril ical-hinking and digital-erifical ion skills), as ell as jo rnalis s' informal ion lil erac



### Curatorial

- Incl des poin ing sers o official credible e idence so rces, and can be sed b ne s media, social media, messaging and search pla forms
- Can be mis sed as a form of pri alle censorship



### Technical and algorithmic

- Co ers a spec r m from h man learning o machine learning and o her an ificial-in elligence approaches o iden if misinformalion, pro ide additional contest, and limit spread
- A Tomal ion of appeal processes can infringe on freedom-of-e pression rights



# Counter-misinformation campaigns

Incl des speciali ed ni s o de elop co n'er-narra i es o challenge misinforma ion and mobili ing online comm ni ies o spread high-q ali e idence



#### Normative

 Incl des p blic condemnations of ad's of misinformation and recommendations of address them, often b political and societal leaders



#### Economic

 Incl des ad en ising bans, demone i ing specific con en (e.g., COVID-19 con en ) and o her approaches o remo e incen i es for misinforma ion



### Legislative and other policy

- Incl des criminali ing ad s of misinformalion, dired ing in ernel comm nicalion companies of ake do n con en , and pro iding malerial s pport for credible information so rces
- Can be mis sed o eaken legil imale jo rnalism and infringe on freedom-of-e pression rights



• E amines he insigal ors, degree and means of spread, mone in ol ed, and affed ed comm ni ies

The report does not address he elidence inderpinning hese responses, all holgh man is chief idence sin hese elidences. For elidence, one meditim-qualitim, older sin hesis (AMSTAR rating 7/11 and search date of 2017) found had correcting misinformation (i.e., response) per 1) has a moderate influence on belief in misinformation (iii) higher ereffects in health han marketing or politics), rebuilds are more effect in the factorization of the correction of the c

As e disc ssed in he in rod d'ion, if e can con in e b ilding he capacil, opport nil and moli alion o se e idence (in his case o address misinformal ion about societal challenges), hile also e ercising j dgement, himilitand empath, he combination ill ser e sell. E en hen e can relion both he rigoro selles ingland reliable self-correcting sellems had picall operate in he health sector, e can do better. As Ross Dothal obsertes in his memoir about it ingest had both: 1) accepts he core achie ements of modern science, reals populist information so rose at least as skepticall