

Dashboards

- Tokio <https://stopcovid19.metro.tokyo.lg.jp/en> código:
https://github.com/tokyo-metropolitan-gov/covid19/blob/development/README_EN.md
- Italia <https://www.covid19italia.help/> código: <https://github.com/emergenzeHack/covid19italia>
- Dashboards en ipynb <https://github.com/machine-learning-apps/covid19-dashboard>
- Timeseries <https://pomber.github.io/covid19/timeseries.json>
- Simulación de propagación <https://meltingasphalt.com/interactive/outbreak/>
- <https://gabgoh.github.io/COVID/index.html>
- Prototipo (en proceso) para visualizar indicadores con enfoque en medellin y Área Metropolitana
https://github.com/daquina-io/covid19_mde

Data sets

- Oficial colombia <https://www.ins.gov.co/Noticias/Paginas/Coronavirus.aspx> API:
<https://e.infogram.com/api/live/flex/0e44ab71-9a20-43ab-89b3-0e73c594668f/dfee1a5c-5cc8-4e90-8efb-d5bdf2803bf6?>
- Colombia con ciudades (vía supercontra)
<https://www.dropbox.com/s/z730b509yfrmz1v/corona-Colombia.csv?dl=0>
- Mundial <https://pomber.github.io/covid19/timeseries.json>

Modelos de simulación

- Epidemic calculator <http://gabgoh.github.io/COVID/index.html>
- <https://meltingasphalt.com/interactive/outbreak/>

Contexto

- Imperial-College COVID-19 Response Team
<https://www.imperial.ac.uk/media/imperial-college/medicine/sph/ide/gida-fellowships/Imperial-College-COVID19-NPI-modelling-16-03-2020.pdf>
- AMA Bill Gates
https://old.reddit.com/r/Coronavirus/comments/fksnbf/im_bill_gates_cochair_of_the_bill_melinda_gates/

Contagio

- “El virus puede durar latente en el aire hasta tres horas. Sobre una superficie de cobre, 4 horas. Sobre cartón o cartulina, 24 horas. Sobre plástico y acero inoxidable, entre 2 y 3 días”
<https://twitter.com/supercontra/status/1239691688005730304>

Contención en hospital

- [How Hospitals Can Protect Frontline Healthcare Workers From COVID-19](#)

App's

- <https://www.tracetogether.gov.sg/> "Records your interactions but keeps them on your device. If a case is detected, their identifier is broadcast and you can check if you were in close contact, at which point you can elect to share your contact history." <https://twitter.com/ArthurB/status/1240970132660187136>
 - No guardan los recorridos según sus políticas <https://www.tracetogether.gov.sg/common/privacystatement>

Relación con el Material Particulado

- http://www.simaonlus.it/wpsima/wp-content/uploads/2020/03/COVID19_Position-Paper_Relazione-circa-l%E2%80%99effetto-dell%E2%80%99inquinamento-da-particolato-atmosferico-e-la-diffusione-di-virus-nella-popolazione.pdf
- <https://www.forbes.com/sites/jeffmcmahon/2020/03/11/coronavirus-lockdown-may-save-more-lives-from-pollution-and-climate-than-from-virus/#66e22f975764>
- https://www.straitstimes.com/asia/east-asia/coronavirus-deaths-stir-calls-in-china-to-clean-up-air-pollution?utm_term=Autofeed&utm_campaign=sttw&utm_medium=Social&utm_source=Twitter#Echobox=1585010571

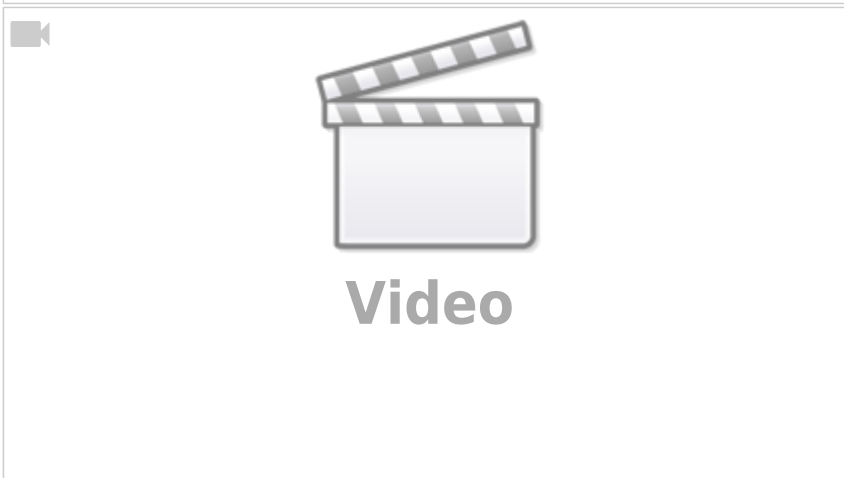
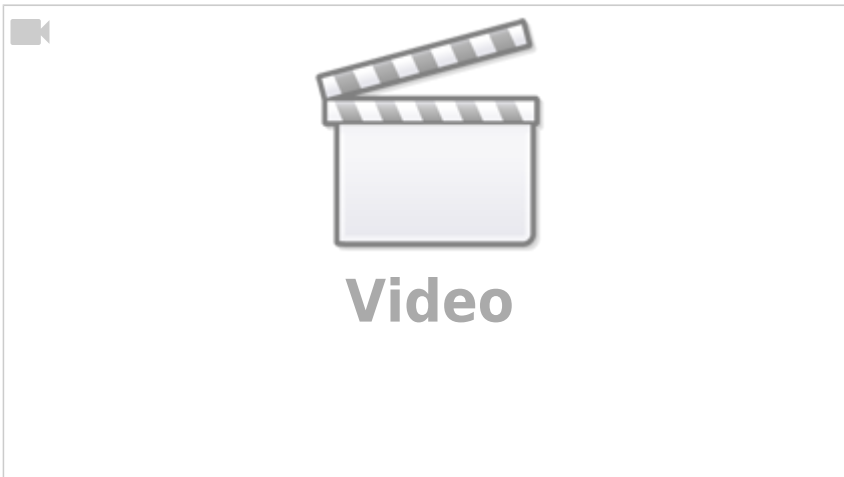
Máscaras

- <https://smartairfilters.com/en/blog/best-materials-make-diy-face-mask-virus/>

Ventilador mecánico

- Prototipo Ventilador Open Source <https://github.com/jcl5m1/ventilator>
- Debate sobre el uso médico de ventiladores DIY https://www.reddit.com/r/COVID19/comments/fc8f7z/what_the_role_of_mechanical_ventilation_on_the/
- Noticia popular de valvulas con impresora 3D <https://twitter.com/michalnaka/status/1239316241984049152> no hay archivos de impresión, hay que solicitar permiso a derechos de autor
- Open Source COVID19 Medical Supplies <https://www.facebook.com/groups/670932227050506>
- ambu respirador
- respirador artificial manual
- expiratory valve

- expiratory valve/ peep system
- https://drive.google.com/drive/folders/1oGL7tZ5rXMxWYpaw_tgP-1FCcP1ZZYDb



Ideas de Vacuna/Tratamiento

chloroquine

<https://docs.google.com/document/d/e/2PACX-1vTi-g18ftNZUMRAj2SwRPodtscFio7bj7GdNgbJAGbdf67WuRJB3ZsidgpidB2eocFHAVjIL-7de7/pub>

CoroNope (quizas es una estafa)

<https://siasky.net/bACLKGmcmX4NCp47Ww00Jf01U666VLeT5HRWpWVtqZPjEA>

“ Virus vaccines fall into three categories: attenuated*, inactivated*, or plasmid DNA vaccines*. Attenuated virus has been weakened by either recombining it with a harmless variant (as with the flu vaccine), or by growing a variant of the virus that is less infectious but still generates an immune response. Inactivated vaccines are similar; fully infectious particles are grown, but are inactivated by heat, chemicals, etc. until they cannot reproduce in a host, but still generate immunity after injection. Both of these options, however, require extensive growth of fully infectious virus in the lab, and acquisition of said virus. This is an extreme risk for any DIY biologists, as 2019-nCoV

requires handling in a biosafety level 3 facility (BSL-3*). While an ersatz DIY BSL-3 setup may be technically possible, this is not an option we are considering. The third category, DNA vaccines, is far more applicable to our efforts. For this approach, a plasmid is grown in bacteria, purified, and injected into a patient. When taken up by cells in the body, the plasmid will express a protein from the virus. By triggering an inflammatory response at the injection site, the immune system will detect the foreign protein and begin to generate antibodies. Please keep in mind that no DNA vaccines have yet been approved for clinical use, though many are in active development. DNA vaccines also have minimal risks compared to attenuated/inactivated vaccines. Typical side effects are limited to injection site inflammation, which in the case of vaccines is arguably a benefit, and adverse effects related to delivery of the plasmid (temporary pain caused by electrically-induced transfer of the plasmid into cells, which is discussed later). Two companies are currently developing a SARS-CoV-2 vaccine with such an approach: Inovio Pharmaceuticals*, and Moderna*. Inovio uses a traditional plasmid platform, and encouragingly their vaccine for MERS (another coronavirus) has generated a significant antibody response in early trials*. Moderna uses a synthetic RNA vaccine, which has the same basic effect as a DNA plasmid, but is harder to produce at a DIY level, harder to scale in general, and much more expensive than a DNA-based platform”

- Contra-argumentos

https://www.reddit.com/r/siacoin/comments/fi8gc6/important_siasky_files_uploaded_coronope_a/?utm_source=share&utm_medium=ios_app&utm_name=iossmf

Testing

Capacidad de medellin 300 muestras ¿x dia?

Artículo sobre Laboratorios de bioseguridad nivel 3 y 4 Humberto H Lara Villegas,* Nilda Vanesa Ayala Núñez,* Cristina Rodríguez Padilla <https://www.medigraphic.com/pdfs/patol/pt-2007/pt074e.pdf>

Noticia de BSL3 Laboratorio universidad el rosario

<https://www.urosario.edu.co/Periodico-NovaEtVetera/Nuestra-U/Universidad-del-Rosario-inaugurara-el-mas-moderno/>

Documento donde se describen los diferentes niveles de bioseguridad en colombia

<http://www.saludcapital.gov.co/CTDLab/Publicaciones/2015/Bioseguridad-Clasificaci%C3%B3n%20de%20Laboratorios.pdf>

Lo que algunas mentes piensan sobre el covid19

https://www.reddit.com/r/highthoughts/comments/fi738j/maybe_the_chinese_government_created_covid19_to/ una excusa para parar las manifestaciones de hong kong usando un arma biológica

<https://m.youtube.com/watch?v=AexK-pySDJ4&feature=youtu.be>

<https://www.channelnewsasia.com/news/asia/coronavirus-covid19-hong-kong-protests-quarantine-clinics-12438462>

Debido al gran firewall chino donde no entra google solo sale y solo entra lo que china quiere que se sepa por lo que alguna gente es mejor confiar en opiniones publicas como las de reddit o post de

redes sociales etc..

https://www.reddit.com/r/CoronavirusConspiracy/comments/euj1p6/hot_take_china_released_the_corona_virus_in_order/

https://www.reddit.com/r/conspiracy/comments/f9uy7r/was_the_covid19_virus_created_by_the_chinese/

- Cuestionamiento por los datos y como los presentan via Jorge Zuluaga
<http://piensachile.com/2020/03/un-medico-suizo-analiza-la-informacion-que-circula-sobre-el-covid-19/>

Cambios

- De Moteles a Hospitales
<https://www.facebook.com/groups/670932227050506/permalink/675820783228317/>

Relación con el sistema financiero

Rescates de bancos / bailout

- [Decreto 444 \(pdf\)](#), crea Fondo de Mitigación de Emergencias FOME
- Fuente [infobae](#)
 - “El Ministerio de Hacienda disminuyó en 1,5 billones de pesos (365,8 millones de dólares) la emisión de títulos de deuda pública local TES a través de subastas, a 23 billones de pesos (5.609 millones de dólares).”
 - “el ministerio suspendió las subastas de títulos TES tanto de corto y largo plazo por lo que resta de marzo y anunció otras medidas de reducción de costos en algunas operaciones con deuda.”
 - el Grupo Aval ...ofreció un periodo de gracia de 2 meses, prorrogable hasta por otros 2, en el que no pagarán el capital de sus préstamos, créditos de liquidez y reducción en las tasas de interés para compras en farmacias, supermercados, clínicas y hospitales.

Repartición de ayuda

- Divida grupos manejables ej: de a 10 (repartiendo fichos del 1 al 10) ¿si son desconocidos?
 - ¿Asignar representante por grupo?
- Distribuir Zonas de confort para dar alternativas y evitar aglomeraciones(comida)
- Planos
- Quién está haciendo qué, en donde?

Re-infección

- Hilo de Virologista (opinión) <https://twitter.com/PeterKolchinsky/status/1244029896453754880>

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