NASA Applied Sciences Program: Additional Resources
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NASA Health and Air Quality Applications

NASA Health and Air Quality Applications:
- https://appliedsciences.nasa.gov/what-we-do/health-air-quality

NASA Health and Air Quality Applied Sciences Team (HAQAST):
- https://haqast.org/

NASA Training Programs

NASA Applied Remote Sensing Training (ARSET) program:
- https://appliedsciences.nasa.gov/what-we-do/capacity-building/arset

NASA Earth Science Career Opportunities for Undergraduate, Graduate, and Early Career:
- https://science.nasa.gov/earth-science/early-career-opportunities

YouTube Videos on NASA-funded Projects

Using Precipitation Data to Assess Risk of Cholera Outbreaks (2018):
- https://www.youtube.com/watch?time_continue=3&v=Gf9iww8YhSY&feature=emb_logo

Predicting Malaria Outbreaks with NASA Satellites (2017):
- https://www.youtube.com/watch?time_continue=3&v=c6g2ILL--Rw&feature=emb_logo

Mosquito Meets MODIS: South Dakota Fights West Nile Virus (2016):
- https://www.youtube.com/watch?v=ag-Zo0izSNg&t=27s

NASA Web Features on NASA-funded Projects

NASA Helps Puerto Rico Prepare for Saharan Dust Impacts (2020)
- https://www.nasa.gov/feature/nasa-helps-puerto-rico-prepare-for-saharan-dust-impacts/

How NASA is Helping the World Breathe More Easily (2020):
- https://www.nasa.gov/feature/goddard/2020/how-nasa-is-helping-the-world-breathe-more-easily

NASA Helps Fight the Mosquito Bite Coast-to-Coast (2019):
- https://www.nasa.gov/feature/nasa-helps-fight-the-mosquito-bite-coast-to-coast

NASA Data Strengthens U.S. Air Quality Warnings (2019):
- https://www.nasa.gov/feature/nasa-data-strengthens-us-air-quality-warnings

NASA Provides New Look at Puerto Rico Post-Hurricane Maria (2018):
- https://www.nasa.gov/feature/goddard/2018/nasa-provides-new-look-at-puerto-rico-post-hurricane-maria

Space Views Aid Florida 'Red Tide' Health Alerts (2018):
- https://www.nasa.gov/feature/space-views-aid-florida-red-tide-health-alerts-1

NASA Satellites Help Scientists Determine the Global Burden of Asthma (2018):
- https://science.nasa.gov/earth-science/applied-sciences/making-space-for-earth/NASA-satellites-help-scientists-determine-the-global-burden-of-asthma

NASA Investment in Cholera Forecasts Helps Save Lives in Yemen (2018):
- https://www.nasa.gov/press-release/nasa-investment-in-cholera-forecasts-helps-save-lives-in-yemen/

Help NASA Track and Predict Mosquito-Borne Disease Outbreaks (2018):
- https://www.nasa.gov/feature/goddard/2018/help-nasa-track-and-predict-mosquito-borne-disease-outbreaks

NASA Helps New Yorkers Cope with Summer Swelter (2018):
- https://www.nasa.gov/feature/nasa-helps-new-yorkers-cope-with-summer-swelter

Using NASA Satellite Data to Predict Malaria Outbreaks (2017):
- https://www.nasa.gov/feature/goddard/2017/using-nasa-satellite-data-to-predict-malaria-outbreaks

Earth Observations are Aiding the Mission to End River Blindness (2015):
- https://science.nasa.gov/earth-science/applied-sciences/making-space-for-earth/river-blindness

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NASA Earth Observatory Articles on Health and Air Quality Projects

Could COVID-19 Have Seasons? Searching for Signals in Earth Data (2020):

- https://earthobservatory.nasa.gov/features/covid-seasonality

Of Mosquitoes and Models: Tracking Disease by Satellite (2020):

- https://earthobservatory.nasa.gov/features/disease-vector

A Dust Plume to Remember (2020):

- https://earthobservatory.nasa.gov/images/146913/a-dust-plume-to-remember

NASA Participation in International Health Days

National Public Health Week

- 2021: https://appliedsciences.nasa.gov/our-impact/story/building-connections-national-public-health-week
- 2020: https://appliedsciences.nasa.gov/our-impact/news/nasa-contributes-national-public-health-week
- 2019: https://science.nasa.gov/earth-science/applied-sciences/making-space-for-earth/public-health-week-feature
- 2018: https://science.nasa.gov/earth-science/applied-sciences/making-space-for-earth/one-health-day

National Mosquito Control Awareness Week

- 2020: https://appliedsciences.nasa.gov/our-impact/news/nasa-contributes-national-mosquito-control-awareness-week-2020
- 2019: https://science.nasa.gov/earth-science/applied-sciences/making-space-for-earth/fighting-mosquitoes-from-space

One Health Day

- 2020: https://appliedsciences.nasa.gov/our-impact/news/nasas-earth-applied-sciences-program-participates-one-health-day-2020
- 2019: https://science.nasa.gov/earth-science/applied-sciences/making-space-for-earth/nasa-earth-applied-sciences-program-celebrates-one-health-day-2019
- 2018: https://science.nasa.gov/earth-science/applied-sciences/making-space-for-earth/one-health-day

Information about Selected Satellites and Instruments

Aqua	https://aqua.nasa.gov/
Aura	https://aura.gsfc.nasa.gov/
Global Precipitation Measurement (GPM)	https://www.nasa.gov/mission_pages/GPM/main/index.html
Landsat	https://www.nasa.gov/mission_pages/landsat/main/index.html
Moderate Resolution Imaging Spectroradiometer (MODIS)	https://modis.gsfc.nasa.gov/
North American Land Data Assimilation System (NLDAS)	https://ldas.gsfc.nasa.gov/nldas
Ozone Monitoring Instrument (OMI)	https://aura.gsfc.nasa.gov/omi.html
Terra	https://terra.nasa.gov/
Terrestrial Observation and Prediction System (TOPS)	https://ecocast.arc.nasa.gov/topwp/

Information about Selected Upcoming Missions

Multi-Angle Imager for Aerosols (MAIA)

- MAIA Mission Overview: https://maia.jpl.nasa.gov/
- MAIA Early Adopters Program: https://maia.jpl.nasa.gov/resources/data-and-applications/

Tropospheric Emissions: Monitoring Pollution (TEMPO)

- TEMPO Mission Overview: http://tempo.si.edu/overview.html
- TEMPO Early Adopters Program: https://weather.msfc.nasa.gov/tempo/

Plankton, Aerosol, Cloud, ocean Ecosystem (PACE)

- PACE Mission Overview: https://pace.oceansciences.org/home.htm
- PACE Early Adopters Program: https://pace.oceansciences.org/app_adopters.htm

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