

GEIA COVID-19 online workshop

Highlights:

1. **Importance of timing:** not only estimation of annual emissions but how to temporally distributed them (important for officially reported emissions)
2. **Importance of spatial resolution:** Changes of emissions vary not only by country but also by e.g. province, neighborhood or power plant (important to consider when using emissions for urban scale AQ modelling)
3. **NMVOC from use of solvents:** knowns & unknowns (observations are needed to understand better the impact on residential use of solvents)
4. **New mobility/congestion reports versus traditional proxies (energy statistics, traffic counts):** Understand how they are compiled and how to combine them
5. **Need for near-real time emissions:** Important for AQ forecasting (official reported emissions usually have a time lag of 2-3 years)
6. **Intercomparisons:** In some cases, large discrepancies are found between estimated emission changes. Need to investigate the reasons behind them. Also to compare against top-down/satellite-based emissions.
 - Are there other on-going works/datasets that could be shared within this WG? Please contact us!

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