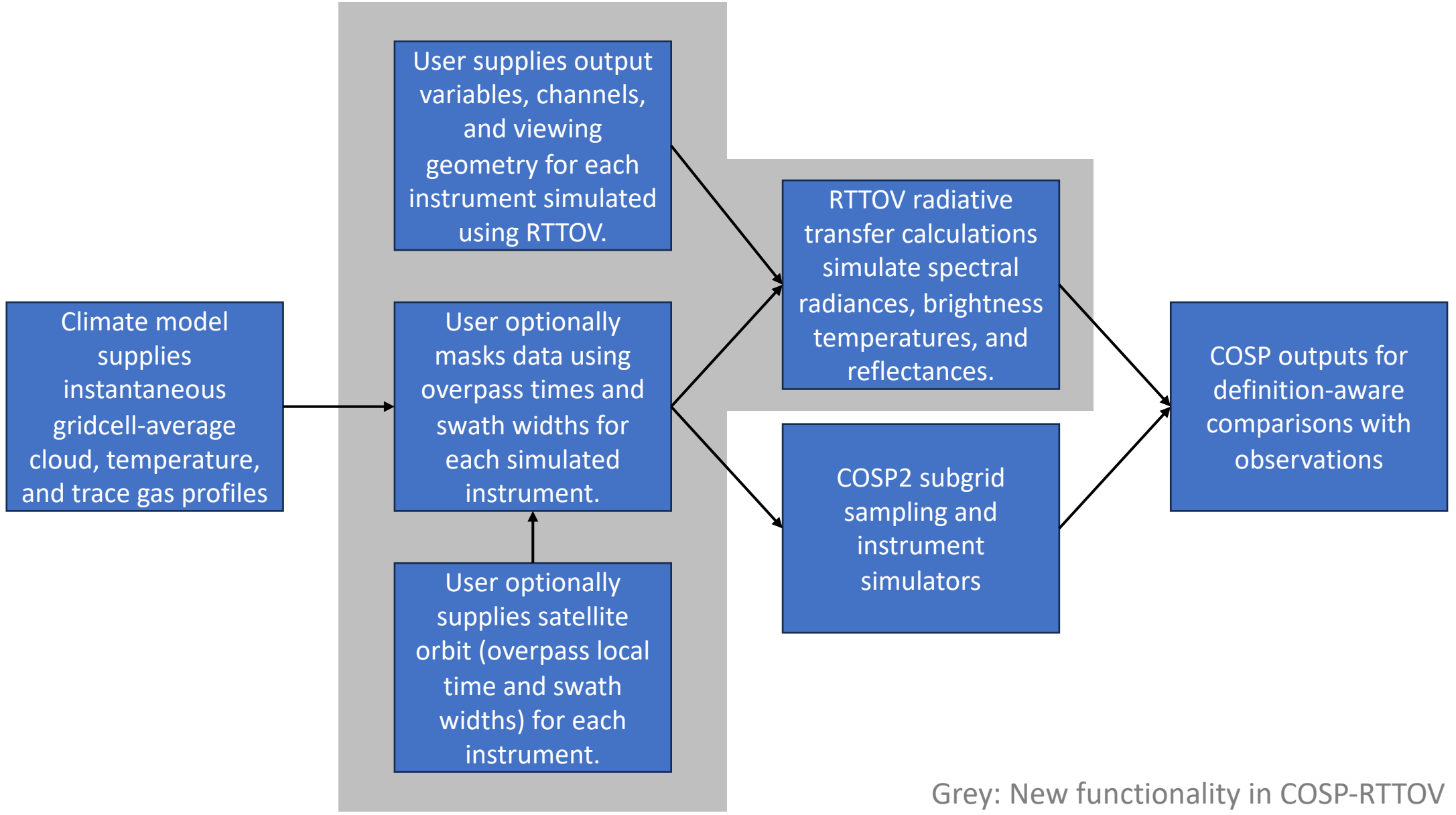
User supplies output variables, channels, and viewing geometry for each instrument simulated using RTTOV.
Climate model supplies instantaneous gridcell-average cloud, temperature, and trace gas profiles
User optionally masks data using overpass times and swath widths for each simulated instrument.
User optionally supplies satellite orbit (overpass local time and swath widths) for each instrument.
RTTOV radiative transfer calculations simulate spectral radiances, brightness temperatures, and reflectances.
COSP2 subgrid sampling and instrument simulators
COSP outputs for definition-aware comparisons with observations
Grey: New functionality in COSP-RTTOV