(LDAR\_Sim\_v4) C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src>Python LDAR\_Sim\_run.py --in\_dir ./simulations

You are running LDAR-Sim version 4.0.0 an open sourced software (MIT) license.

Provide any issues, comments, questions, or recommendations by

adding an issue to https://github.com/LDAR-Sim/LDAR\_Sim.git

Reading in M\_aircraft.yaml

Reading in M\_drone.yaml

Reading in M\_OGI.yaml

Reading in M\_OGI\_FU.yaml

Reading in M\_stationary.yaml

Reading in M\_truck.yaml

Reading in P\_aircraft.yaml

Reading in P\_drone.yaml

Reading in P\_none.yaml

Reading in P\_OGI.yaml

Reading in P\_stationary.yaml

Reading in P\_truck.yaml

Reading in Simulation\_settings.yaml

Reading in virtual\_world.yaml

Weather data checked. Continuing simulation.

!!!Pre-generated initialization files exist!!!

LDAR-Sim may not create new emissions to model with

...Initializing infrastructure

Hashing files

Done hashing files

Generating infrastructure

WARNING: The persistent field has not been provided for sources.Assuming all sources are persistent.

...Initializing emissions

Generating emissions for Set\_0 simulations

Generating emissions for Set\_1 simulations

Generating emissions for Set\_2 simulations

...Initializing weather

...Initializing daylight

......Simulating set 0

ERROR: An error occurred during the simulation run.

Traceback (most recent call last):

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\LDAR\_Sim\_run.py", line 59, in run\_ldar\_sim

simulation\_manager.run\_simulations(DEBUG=DEBUG)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\simulation\simulation\_manager.py", line 230, in run\_simulations

self.\_run\_simulation\_multiprocessing(sim\_counts=sim\_counts)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\simulation\simulation\_manager.py", line 258, in \_run\_simulation\_multiprocessing

program\_data: list[Tuple] = self.\_setup\_programs(

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\simulation\simulation\_manager.py", line 279, in \_setup\_programs

infra: Infrastructure = read\_in\_emissions(

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\initialization\initialize\_emissions.py", line 119, in read\_in\_emissions

infrastructure.set\_pregen\_emissions(emissions[sim\_numb], sim\_numb)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\virtual\_world\infrastructure.py", line 149, in set\_pregen\_emissions

site.set\_pregen\_emissions(emissions[site.get\_id()], sim\_number)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\virtual\_world\sites.py", line 385, in set\_pregen\_emissions

eqg.set\_pregen\_emissions(site\_emissions[eqg.get\_id()], sim\_number)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\virtual\_world\equipment\_groups.py", line 187, in set\_pregen\_emissions

component.set\_pregen\_emissions(eqg\_emissions[component.get\_id()], sim\_number)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\virtual\_world\component.py", line 248, in set\_pregen\_emissions

src.set\_pregen\_emissions(equipment\_emissions[src.get\_id()], sim\_number)

KeyError: nan

Traceback (most recent call last):

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\LDAR\_Sim\_run.py", line 108, in <module>

run\_ldar\_sim(parameter\_filenames, \_DEBUG)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\LDAR\_Sim\_run.py", line 66, in run\_ldar\_sim

raise e

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\LDAR\_Sim\_run.py", line 59, in run\_ldar\_sim

simulation\_manager.run\_simulations(DEBUG=DEBUG)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\simulation\simulation\_manager.py", line 230, in run\_simulations

self.\_run\_simulation\_multiprocessing(sim\_counts=sim\_counts)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\simulation\simulation\_manager.py", line 258, in \_run\_simulation\_multiprocessing

program\_data: list[Tuple] = self.\_setup\_programs(

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\simulation\simulation\_manager.py", line 279, in \_setup\_programs

infra: Infrastructure = read\_in\_emissions(

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\initialization\initialize\_emissions.py", line 119, in read\_in\_emissions

infrastructure.set\_pregen\_emissions(emissions[sim\_numb], sim\_numb)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\virtual\_world\infrastructure.py", line 149, in set\_pregen\_emissions

site.set\_pregen\_emissions(emissions[site.get\_id()], sim\_number)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\virtual\_world\sites.py", line 385, in set\_pregen\_emissions

eqg.set\_pregen\_emissions(site\_emissions[eqg.get\_id()], sim\_number)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\virtual\_world\equipment\_groups.py", line 187, in set\_pregen\_emissions

component.set\_pregen\_emissions(eqg\_emissions[component.get\_id()], sim\_number)

File "C:\Users\jyuan\OneDrive\Documents\GitHub\FEAST\LDAR\_Sim\_v4\LDAR\_Sim\LDAR\_Sim\src\virtual\_world\component.py", line 248, in set\_pregen\_emissions

src.set\_pregen\_emissions(equipment\_emissions[src.get\_id()], sim\_number)

KeyError: nan