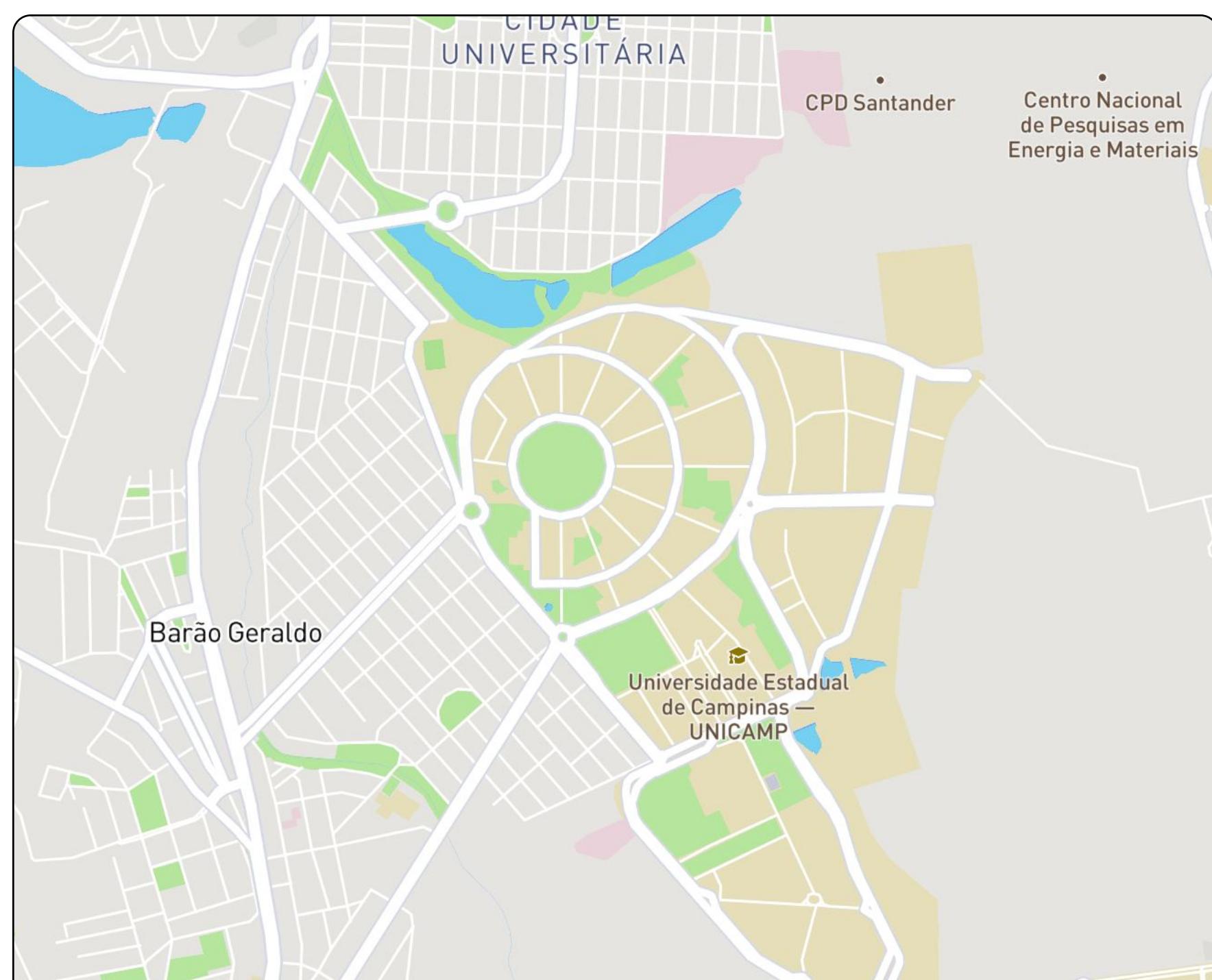


Localization



Latitude: -22.8210766°
Longitude: -47.0864983°
Elevation Value
Zoom 5

SELECT COORDINATE >

Database: Satellite Ground-based

Latitude: -22.8210766°
Longitude: -47.0864983°
City: Campinas
State: São Paulo
Country: Brazil

Summary

Temperature (max): 28
Temperature (min): 16
Temperature (average): 22

Create Report

Database Selected : Sonda - Cresesb

Irradiance Analysis
 ClearSky Transposition

PV Plant Sizing
Not Implemented

GENERATE REPORT >

Irradiance Analyses

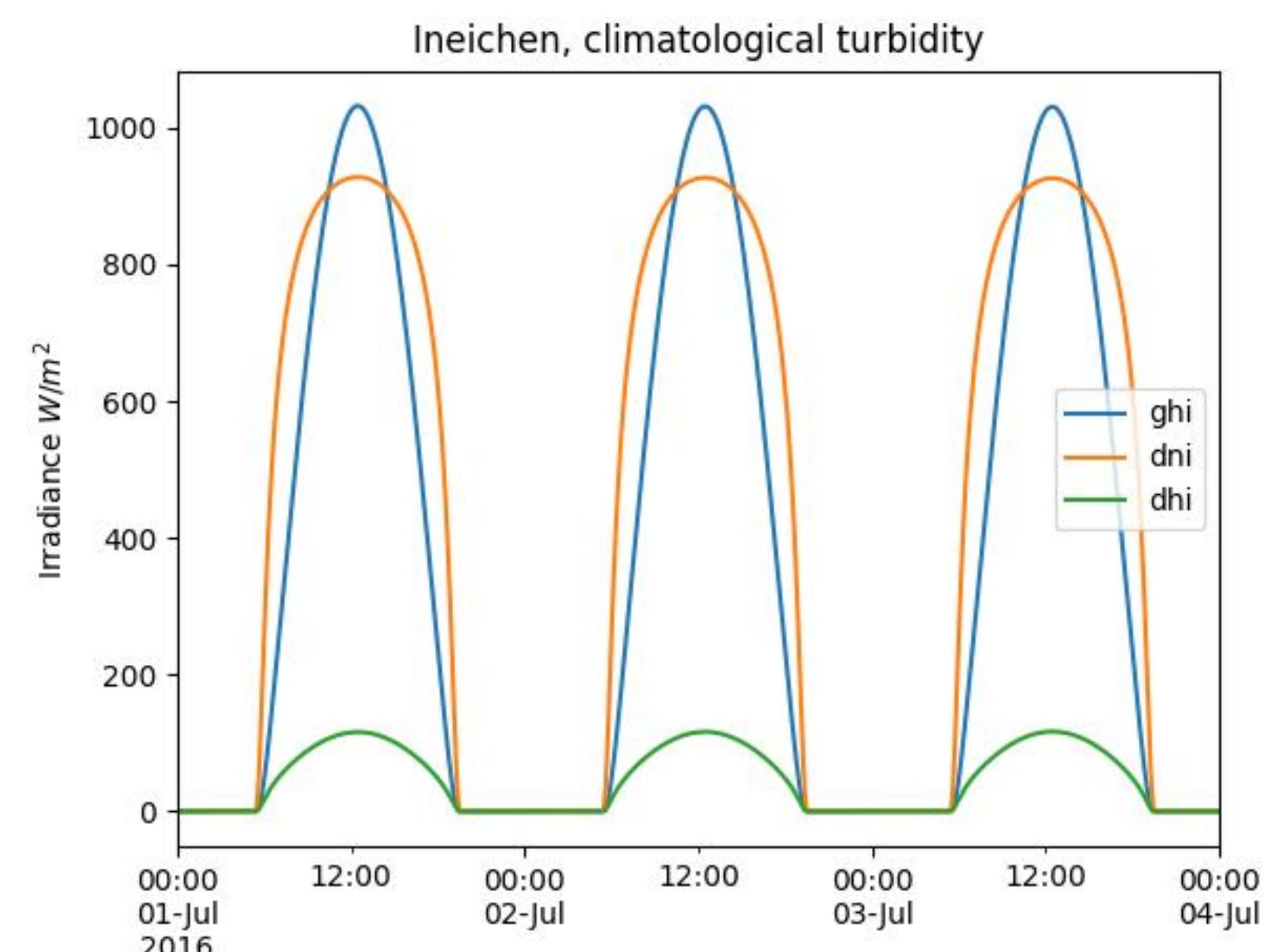
Modelling focused on Irradiance topics.

Clear Sky

Definition and concepts of mathematical model to this topic

| Model | Year | Type | References |
|--|------|------------------|---------------|
| <input checked="" type="checkbox"/> Ineichen | 2002 | Deterministic | [1], [2], [3] |
| <input type="checkbox"/> Bird | 1981 | Deterministic | [4], [5], [6] |
| <input type="checkbox"/> New ML Model | 2024 | Machine Learning | [7], [8], [9] |

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DNI Estimation

Transposition

Angles Comparison