Example 1:

A screenshot of a computer

Description automatically generated

Troubleshooting: this happens if there is a mismatch between the defined asset types.

How to solve this?

1. What are the defined assets in cis\_dict and does this match with the assumptions excel file?
2. Does cis\_dict match with the reclassification of assets?

Example 2:

A screenshot of a computer

Description automatically generated

* No spatial assets found for certain infrastructure type

Solution > added functionality to catch these kind of instances

* Add if solution  
  check for instances no assets > how to output
* Check what happens if no exposure > how to output  
  if exposure, but no damage, this will be included in risk assessment

Option 1:

* Exposure and vulnerability 🡪 write damages
* No exposure 🡪 add function to write 0 damage (returns empty dataframe overlay\_assets), but also 0 overlay\_assets (example, university Jamaica)
* Exposure, but no damage (no vulnerability) 🡪 check fragility values, write 0
* No assets 🡪 same route as no exposure

! check what output is for other water assets. Do they an exposure? What does the model write now for damages?