Template for Modeler’s survey

This survey is intended to understand the requirements and concepts behind the models of the attendants. Since the range of model typologies can not be exhaustively categorized, please feel free to add any description necessary to explain your model. Please submit more than one answer if needed, including other answers besides the ones predefined.

* **To which purpose do you want to learn/implement Testing methods?**
  + To test the performance of a forecast
  + To test the hypothesis of a geophysical/seismological scientific question
  + Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **For which region do you intend to create your model/forecast?**
  + Italy
  + Europe
  + Globe
  + Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **To which application would your model/forecast be useful? Please note that the time windows are a rough approximation**
  + Seismic Hazard
  + Operational Earthquake Forecasting
  + Induced Seismicity Forecasting
  + Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Which is roughly the time window of your model? You can select multiple choices**
  + Less than one day
  + Between one day and one year
  + More than one year
* **What are the inputs of your model?** 
  + Instrumental catalog
  + Historical catalog
  + Geological fault spatial data
  + Earthquake slip data
  + Geodetic data
  + Hydrological data
  + Others \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **If a catalog is used, which parameters comprises it?**
  + Locations
  + Time
  + Local magnitudes
  + Moment magnitudes
  + Slip/rake and/or DC Moment tensor
  + Waveforms
  + Other
* **What are the outputs of your model/forecast?**
  + Stochastic catalog set
  + Spatially-discretized forecast (gridded, meshed, etc.)
  + Alarm-based forecast (probability of occurrence)
  + Others \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Is your model time-independent or time-dependent? (in this case, if it requires updating during the testing time).**
  + Yes
  + No
  + Undetermined (please explain briefly why) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **In which programming language (or software) is your model written? Please indicate if multiple languages are used**
  + Python
  + R
  + Fortran
  + Matlab
  + Others \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Are you familiarized with Python?**
  + Yes
  + Moderately
  + No
* **Are you familiarized with Git?**
  + Yes
  + Moderately
  + No
* **Are you familiarized with Docker?**
  + Yes
  + Moderately
  + No
* **Please add any description that you deem necessary to explain your model**
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_