

Workshop on Building Scenarios With Macprudential Models

October 20 -23, 2025

Prague, Czech Republic

Workshop description:

Scenario building is a key application of macroprudential models. Certain risks, such as climate risks, can only be effectively analyzed within scenarios. However, constructing scenarios using macroprudential models presents unique challenges. This workshop will cover the entire process of scenario building, from narrative development to implementation and interpretation. Topics include:

- Building scenario narratives: Developing rich narratives that enable proper construction and interpretation of scenarios.
- Quantification of scenarios: Utilizing data and other information to determine the quantitative inputs for scenarios.
- Incorporating external inputs: Conditioning scenarios on various inputs, such as macroeconomic forecasts.
- Types of scenarios: Exploring different types of scenarios, including top-down stress tests, climate risk scenarios, macroprudential policy interventions, and more.
- Interpretation of scenario results: Understanding and acknowledging uncertainties in scenario outcomes.

Participants will build several scenarios relevant for their economies and financial systems. The workshop will be based on the in-house GIMM modeling framework implemented in Python.

Target audience:

The workshop is most suitable for experts whose work involves macroeconomic modeling, macroprudential modeling, or financial stability analysis. Policymakers interested in current issues in model-based, top-down macroprudential analysis

and macroprudential policy calibration will also benefit from the workshop. Participants do not require basic knowledge of macroeconomic or macroprudential modeling.

Benefits for participants:

Participants will learn about theoretical and practical aspects of constructing macroprudential models, focusing on model features that are important for use in policy institutions.

Participants will receive:

- Complete model framework, including equations, documentation, and understanding of key transmission channels
- Commented codes, including model files, simulation files, data files, and reporting files
- Presentations and other materials

Participation fee:

Participants from	Workshop fee per person
GIMM member institutions	free
Low-income countries	USD 900
Lower-middle income countries	USD 1,000
Upper-middle income countries	USD 1,100
High-income countries	USD 1,200

Registration:

Participants can register [here](#) or by email at tomas.motl@gimm.institute.

