

EconWatSim

Developing an Economic Simulation-Modelling Framework as a Decision-Support Tool for Policymakers in the Water Sector

Project Team



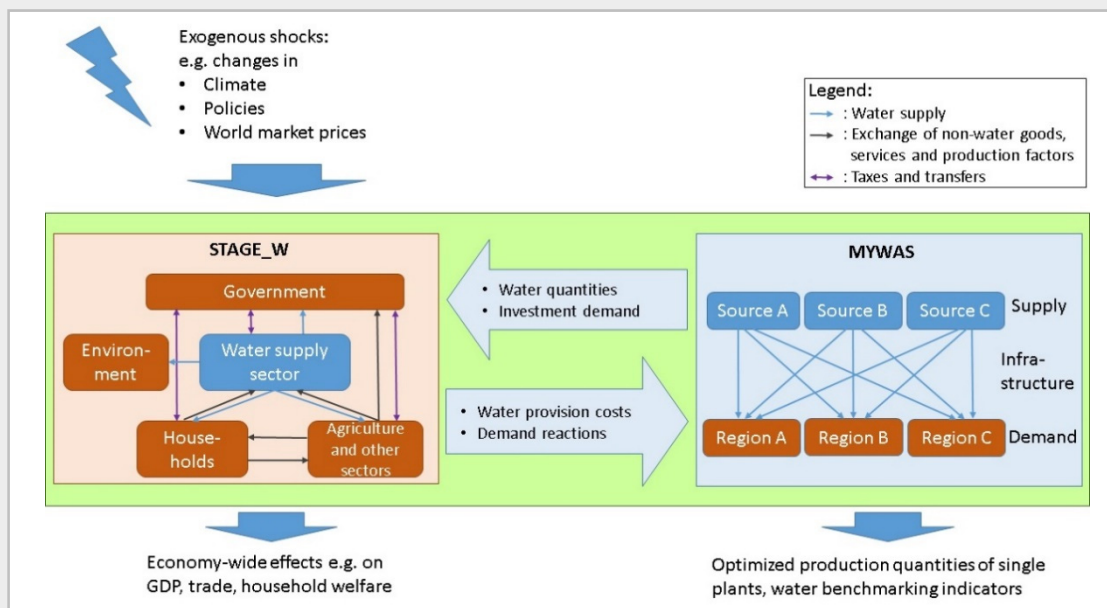
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The main goal of this project is the development of a novel economic simulation-modelling framework as a **decision-support tool** for policymakers in the water sector. This tool will allow for ex-ante analyzes of **water policies** as well as other direct or indirect changes to the water sector in a holistic way and in unprecedented detail.

The project will help to design coherent policies for the water and other sectors (e.g., agricultural subsidies, tariffs) and thereby contribute to a more efficient and **sustainable use of scarce water resources** in Israel, considering all dimensions of international water benchmarking. Another novelty is that the framework will be able to take into account that different water sources produce water of varied quality. The modelling framework will be able to **optimize both the quantity and quality** of the water supplied, taking into account constraints imposed by regulations and capacity limits.



German-Israeli Cooperation in Water Technology Research. The bilateral cooperation in Water Technology Research between the German Federal Ministry of Education and Research (BMBF) and the Israeli Ministry of Science and Technology (MOST) was already established in 1974. Since then, more than 163 projects with Israeli and German partners have led to trusted relations between Israeli and German researchers. More information on: www.cogeril.de/en/260.php



More information on **EconWatSim**



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