

Overview of tanker analysis input files

Instructions: In order to select tanker analysis simulations, open “data/excel_data/model_setup.xlsx”, and change the simulation type entry to “tanker” and the simulation number to one of the file numbers listed below.

| File no.: | Simulation name: | Description: |
|------------------|------------------------------|---|
| 0 | Baseline simulation | SSP 2, RCP 4.5, constant crop prices (“CP00”) |
| 1 | Ensemble run 1 | SSP 1, RCP 4.5, constant mean crop prices (realization: “CP80”) |
| 2 | Ensemble run 2 | SSP 2, RCP 4.5, constant mean crop prices (realization: “CP81”) |
| 3 | Ensemble run 3 | SSP 3, RCP 4.5, constant mean crop prices (realization: “CP82”) |
| 4 | Ensemble run 4 | SSP 4, RCP 4.5, constant mean crop prices (realization: “CP83”) |
| 5 | Ensemble run 5 | SSP 5, RCP 4.5, constant mean crop prices (realization: “CP84”) |
| 6 | Ensemble run 6 | SSP 1, RCP 4.5, crop price trend (realization: “CP90”) |
| 7 | Ensemble run 7 | SSP 2, RCP 4.5, crop price trend (realization: “CP91”) |
| 8 | Ensemble run 8 | SSP 3, RCP 4.5, crop price trend (realization: “CP92”) |
| 9 | Ensemble run 9 | SSP 4, RCP 4.5, crop price trend (realization: “CP93”) |
| 10 | Ensemble run 10 | SSP 5, RCP 4.5, crop price trend (realization: “CP94”) |
| 11 | Public supply improvement 1 | Supply augmentation (baseline simulation) |
| 12 | Public supply improvement 2 | Improved distribution (baseline simulation) |
| 13 | Public supply improvement 3 | Supply augmentation & improved distribution (baseline simulation) |
| 14 | Water market policy reform 1 | Well closure (baseline simulation) |
| 15 | Water market policy reform 2 | Tanker license cap (baseline simulation) |
| 16 | Water market policy reform 3 | Household priority cap (baseline simulation) |