

Joint IAMC-ICONICS Webinar

Updated Demographic and Economic Projections for Shared Socioeconomic Pathways (SSPs)

Keywan Riahi (IIASA), Rob Dellink (OECD), Samir KC (Wittgenstein Center and IIASA), Elisa Lanzi (OECD), Jesus Crespo (WU), Bas van Ruijven (IIASA), Detlef van Vuuren (PBL), Jakob Gregor Zellmann (WU), Daniel Huppmann (IIASA)



IAMC

Integrated Assessment Modeling Consortium
Founded 2007

10 July 2023

Towards updated and revised SSPs...

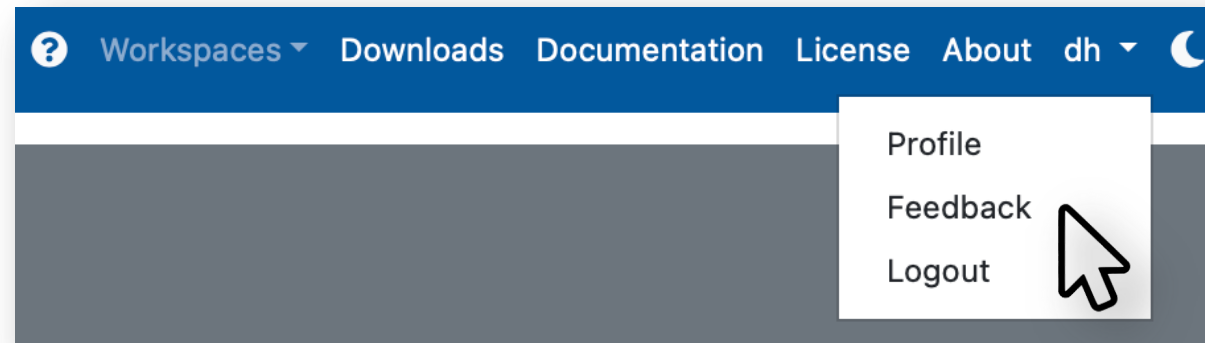
- Basic elements of SSPs were developed about 10 years ago
- New process has started to provide updates along different phases:
 1. Numerical updates of existing SSPs (webinar today presents initial results for community review)
 2. Update/extend existing narratives
 3. Add and/or replace SSPs
 4. Revisit and modify framework where necessary

Review process of new SSP quantifications (I)

The updated SSP projections for GDP and population to be reviewed via the IIASA Scenario Explorer infrastructure

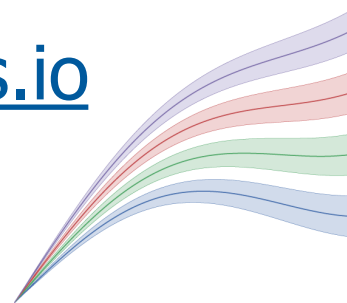
Process:

- ⇒ Updated SSP projections available via a public Scenario Explorer available at <http://data.ece.iiasa.ac.at/ssp> (**from July 14**)
- ⇒ Feedback possible until Friday, **September 8, 2023**
 - ⇒ Feedback option only available for registered users



Three approaches for reviewing and working with the updated SSP projections

- The interactive Scenario Explorer
 - ⇒ Create a workspace, select scenario and data in a panel
 - ⇒ See the tutorials at <https://software.ece.iiasa.ac.at/ixmp-server>
- Download the projections data as xlsx files
 - ⇒ Go to the "Downloads" tab
- The open-source Python package pyam
 - ⇒ Visit <https://pyam-iamc.readthedocs.io>



***pyam*: analysis and visualization of integrated assessment scenarios**

License Apache 2.0 python ≥3.8 mail groups.io chat Slack
 code style black pytest passing docs passing codecov 95%
 DOI 10.5281/zenodo.1470400 ORE 10.12688/openreseurope.13633.2

Repository hosted on  GitHub Community supported by  Groups.io  slack Documentation hosted by  Read the Docs

Some guidelines for submitting a review

Please provide the following information in a review
(via the SSP-Scenario-Explorer feedback form)

- ⇒ Your name and institution
- ⇒ The type/source of projections (GDP or population)
- ⇒ The specific region/variable/year where your comment applies

Please be as precise as possible

- ⇒ A detailed description of your comment/remark/question
 - ⇒ Projections x for country y after year z should be higher, because ...
 - ⇒ Projections x are not consistent with source y ...