



CRESCENDO ESMValTool Diagnostics Workshop

Convener: Klaus Zimmermann (SMHI, Sweden)

4th to 7th February 2019

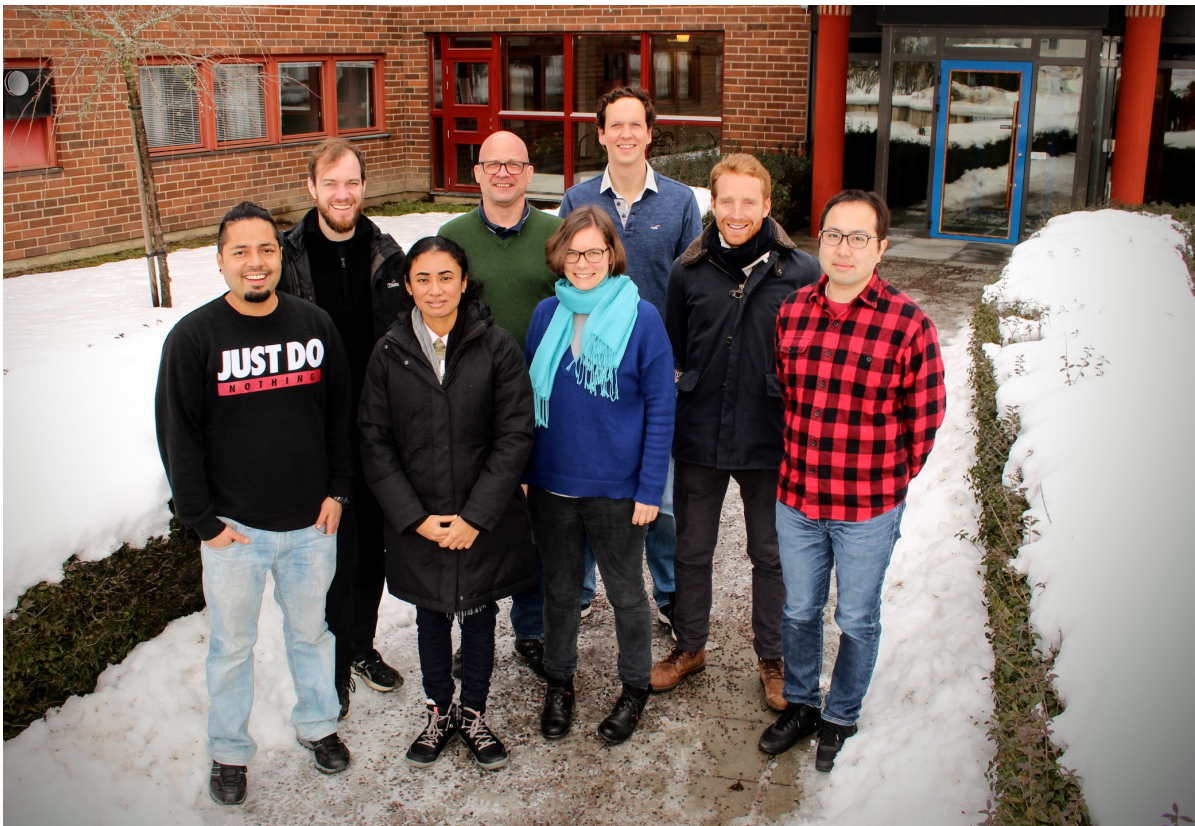


Figure 1: Front row (left to right): Sujan Koirala, Ranjini Swaminathan, Ruth Lorenz, Bas Creeze, Yohei Takano; back row: Klaus Zimmermann, Till Kuhlbrodt, Lee de Mora



Venue

The CRESCENDO ESMValTool diagnostics workshop was held at the Swedish Meteorological and Hydrological Institute (SMHI) in Norrköping, Sweden, from 4th to 7th February 2019.

Workshop Goals

The workshop brought together climate scientists working in the CRESCENDO project with experts on ESMValTool to introduce the scientists to the development of diagnostics in ESMValTool. A particular focus was placed on the diagnostics that had been defined as standard diagnostics at the last CRESCENDO General Assembly. Another important part was the inclusion of new observational datasets as required by the new diagnostics.

Achievements

- All climate scientists were added to the ESMValTool developer team and introduced to the basic usage of the tool. Over the course of the workshop they were lifted to a level that allows them to add new analyses to ESMValTool, following best practices and established procedures of the developer team.
- Several diagnostics related to, e.g., ocean heat content, land use, and marine biogeochemistry have been started. Some of them have in the mean time resulted in pull-requests and even been integrated.
- Several observational datasets have been prepared for inclusion in ESMValTool.

Acknowledgments

Thanks to Lee de Mora for the presentation of ESMValTool's ocean toolbox and general support, and to Ruth Lorenz for support with her ESMValTool experience.

The workshop has been supported by the CRESCENDO project. The CRESCENDO project is funded by the European Union's Horizon 2020 programme, Grant Agreement no. 641816.