
Near real time data products for quality control of atmospheric ICOS time series and model validation

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Résumé

The ICOS atmospheric thematic center (ATC) has established an automatic processing chain to process in real time the raw data originating from all the ICOS atmospheric stations [Hazan *et al.*, 2016]. In addition to the processing of the CO₂ and CH₄ molar fractions, we have developed several data products which aim to be used as a support for two main purposes: the quality control of the time series in near real time and the validation of the simulated molar fraction by the European Copernicus near-real-time global atmospheric composition service. In this poster we will present the main data products which are updated on a daily basis and made available on the ICOS-ATC web server.

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