

GEWEX Upper Tropospheric Clouds & Convection PROcess Evaluation Study meeting
29 Apr 2016,
Room 2307, Central Tower (Tour Zamansky), Pierre and Marie Curie University, Jussieu, Paris

Agenda

9:30 Introduction & Syntheses of meetings in Paris & at IRS

Claudia Stubenrauch, LMD, Paris, France

Resources

Data analyses

9:45 Satellite-Based Estimation of Convective and Large-Scale Mass Fluxes: New Diagnostics for Evaluating GCM Cumulus Parameterization

Hiro Masunaga, Nagoya Univ., Japan, & Johnny Luo, CUNY, New York, USA

10:20 Determination of large-scale mass fluxes from reanalyses

Ann Sophie Tissier & Bernard Legras, LMD, Paris, France

10:40 Update on Cloud systems in the upper troposphere derived from IR Sounders & synergies

Sofia Protopapadaki, C. Stubenrauch & A. Feofilov, LMD, Paris, France

11:00 Heating rate comparison among reanalysis

Bernard Legras, LMD, Paris, France

11:25 Including geostationary satellite data?

Geneviève Sèze, LMD, Paris, France

11:45 Discussions (moderated by Graeme Stephens, JPL, USA)

12:30 lunch

14:15 Atmosphere opacity observed by Calipso: link with LW cloud feedbacks

Helène Chepfer, LMD, Paris, France

Representation of processes in GCMs and their evaluation

14:35 Upper tropospheric convective and cloud processes as a function of convective intensity, aggregation and life cycle: a multi-dataset synergy

C. Risi, LMD, Paris, France

14:55 Improved diagnostics for high cloud assessment in the LMDZ climate model

M. Bonazzola, LMD, Paris, France

15:15 coffee break

15:45 CFMIP plans

Helène Chepfer, LMD, Paris, France

16:00 Discussions on science questions and data necessary to advance

(moderated by Graeme Stephens, JPL, USA)

17:00 end