
RE: ECHAM6-HAM model

From : Schultz, Martin <m.schultz@fz-juelich.de>

Tue, May 16, 2017 05:43 PM

Subject : RE: ECHAM6-HAM model

To : S.Fadnavis <suvarna@tropmet.res.in>

Hello Suvarna,

should be activated. The relevant settings are:
lcdnc_progn = .true.
ncd_activ = 1
(both in PHYSCTL)

However, I have no clue whether or not the indirect effect is working as expected or whether it is rather stronger or weaker than in other models. For this you will have to contact the group in Zürich.

Hope you are doing well,

Martin

-----Original Message-----

From: S.Fadnavis [mailto:suvarna@tropmet.res.in]

Sent: Tuesday, May 16, 2017 12:51 PM

To: Schultz, Martin

Subject: ECHAM6-HAM model

Hello Martin,

Hope things are fine there and I hope I am not bothering you in your busy schedule.

I am analyzing impact of BC and OC aerosols on Indian rainfall using ECHAM-HAM (echam6.1-ham2.1-moz0.8) where MOZ is not working (Switched off- the previous version).

We have used attached settings and namelist files. I wish to know in these model simulations whether aerosols are not considered to act as cloud condensation nuclei?

Whether the indirect forcing is neglected in these model simulations?

Best Regards,

Dr. Suvarna Fadnavis

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