

Discussion Session on Wildfires & Biomass Burning

GEMS Annual Assembly 2006: Monday, 6th February, 13.30-17.00

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| 13.30 | Claire Granier,
Christiane Textor, GEMS
Johannes Kaiser, HALO | Welcome
Introduction to fire emissions |
| 13.40 | Peter Rayner, GEMS | GHG requirements |
| 13.45 | Olivier Boucher, GEMS | AER requirements |
| 13.50 | Martin Schultz, GEMS | GRG requirements |
| 13.55 | V.-H. Peuch, GEMS | RAQ requirements |
| 14.00 | Kevin Tansey, Uni Leicester | Burnt area & hot spot satellite products |
| 14.10 | Martin Wooster, King's C | Fire radiative energy satellite products |
| 14.20 | Johannes Kaiser, HALO | WF_ABBA satellite products |
| 14.30 | Martin Schultz, GEMS | Comparison of satellite products |
| 14.40 | Alain Chedin | Impact of tropical fires on the tropospheric CO ₂
concentration as seen from NOAA-10 |
| 14.50 | Mikhail Sofiev, GEMS | Emissions heights |
| 15.00 | Johannes Kaiser, HALO | GFED |
| 15.10 | Claire Granier
Martin Schulz
Christiane Textor | ACCENT, EVERGREEN
RETRO
AEROCOM |
| 15.20 | Break | |
| 15.40 | Decision on GEMS Deliverable 1: Inventory for reanalysis simulations of 2003:
- Which inventory? GFEDv2
- Are the needs of the different themes covered?
- Which improvements are needed? | |
| 16.10 | Johannes Kaiser HALO Proposal
http://www.ecmwf.int/research/EU_projects/HALO/pdf/fireassimilation.pdf | |
| 16.20 | Discussions
- GEMS Deliverable 2: Extended reanalysis simulations 2000-2007
implementation of fire emission model (GFAS)
use of existing fire emission data set
- GEMS Deliverable 3: Operational System | |
| 19.00 | Dinner meeting at Nepalese Restaurant | |