

Minutes of the SRNWP business meeting

13.10.2012

Presentations

A presentation was given about the actual coordination activities within the C-SRNWP and briefly about its expected future by the coordinator (Gergely Bölöni). The activities within the 8 Expert Teams were reviewed and it was announced that OMSZ applied for the management of the C-SRNWP Project in the next EUMETNET Programme phase (2013-2017). The presentation is available at srnwp.met.hu under the annual meetings link.

A presentation by the EUMETNET Executive Director (Steve Noyes) was given on the status of tenders for the future projects within the next EUMETNET Programme phase (2013-2017) in general and some of those within the Forecasting Programme in particular. According to the presentation all the 15 EUMETNET project bids were positively evaluated by the evaluation teams and endorsed by STAC/PFAC. Assembly will decide about the actual starting of the projects in November based on STAC/PFAC's recommendations and on the available budget. The evaluation results of four bids were presented more in detail: Forecasting Programme Management (KNMI), SRNWP-EPS Project (AEMET), Nowcasting Activity (ZAMG-KNMI) and C-SRNWP Project (OMSZ). The presentation is available at srnwp.met.hu under the annual meetings link.

Discussion

European Environmental Agency (EEA) data sets:

Steve Noyes proposed that the SRNWP community (especially the Surface ET) give soon its view on the EEA data sets available (this has been already asked by the C-SRNWP coordinator) so that the MoU to be signed between EEA and EUMETNET is as complete as possible in this respect. Gergely Bölöni replied that the Surface ET recently made suggestions on which EEA data sets are useful and it will be sent soon to Steve.

Idea of dynamical core inter-comparison on massively parallel HPCs:

Piet Termonia made an additional explanation on the inter-comparison of dynamical cores on massively parallel HPCs, by saying that the main aim would be to try to make an influence on the design of future computers, trying to compete with other scientific communities like biologists, which seem to dominate the HPC market recently. He also said that the lack of experts in dynamics (only a few people are involved in dynamics development) might be a bottle neck regarding this initiative. Steve Noyes asked whether ECMWF was not involved enough in driving HPC design through the testing of IFS on large HPC systems and he proposed to follow ECMWF's activity on this aspect. Gergely Bölöni replied to Piet Termonia that even if the dynamics experts are in a very few number, expertise in HPC computing is available within the SRNWP community and he mentioned COSMO as an example pointing to their project for rewriting their dynamical core and testing it on GPU's. Uli Schaettler said that this HPC expertise might not be enough and he emphasized that the ECMWF workshop on HPC is an appropriate occasion to follow activities on future HPC design and implied changes in NWP model codes.

Third party funding

Piet Termonia, in relation of the above subject (dynamical core inter-comparison on HPCs) pointed out that third party funding would be necessary because the corresponding work would be far beyond the resources of the NMSs in C-SRNWP. Steve Noyes replied to this notice that EUMETNET tries to strengthen its relation with the European Commission and would like to provide guidance for EUMETNET members on applying to FP projects in the future.