

TG4/CAWSES-II Business Meeting

Mysore, India, 20 July 2012, 19:00- 20:45

Minutes

1. 22 attendees, including the three TG4 co-leaders, CAWSES-II co-chair Dr. Tsuda and SCOSTEP scientific secretary Dr. Shepherd; 5 project leaders were present, representing projects 1 to 4, no project leader from project 5
2. Dr. Shiokawa gave an overview of general CAWSES-II issues: Nagoya 2013 meeting (end of CAWSES-II), change in CAWSES-II leadership: Drs. Davila and Tsuda replaced Drs. Avery and Rodgers
3. Dr. Oberheide gave an overview of TG4 activities since the 2011 business meeting at IUGG: Dr. Gurubaran new TG4 co-leader, because of the importance of the CAWSES-India program; 2nd LONET campaign; TG4 newsletters 6-9 on wiki; TG4 supported 3 meetings and workshops since 2011
4. Dr. Gurubaran gave an overview of CAWSES-India activities and their relevance to TG4.
5. Reports from project leaders:
 - a. Project 1, given by Drs. Ward and Abdu; focus of tidal campaigns will be on securing the obtained data for long-term storage and to find a way to make data access easier; follow-up discussion of how SCOSTEP and CAWSES can help with that: setup of metadata (suggested by Dr. Tsuda) and WDC. Dr. Shepherd offered SCOSTEP support if short proposal is submitted and in which the value of the data and their need as a basis for future SCOSTEP programs has to be made clear. The data storage issue was also brought up in the CAWSES-II business meeting the following day. Dr. Tsuda and SCOSTEP president Dr. Gopalswamy will contact WDC and let TG leaders know how to proceed.
 - b. Project 2, given by Dr. Hisao Takahashi; conducted two LONET campaigns involving ionosondes and magnetometers. First campaign Sep-Nov 2010 emphasized PW coupling; Second campaign from Sep.-Nov. 2011: data analysis in progress, results will be presented at 2013 Nagoya meeting. By remarking that it is important to define campaigns around scientific questions, Dr. Tsuda suggested to define future campaigns not in advance but according to spaceweather conditions because the instruments run anyway. Drs. Takahashi and Abdu replied that this is not always the case and that some instruments are operated in different modes during the LONET campaigns; Dr. Takahashi emphasized the **urgent need for data from Africa**: triggered discussion of how to do that; Drs. Ward and

Shepherd emphasized the need for sponsoring scientific activities in Africa. Dr. Shepherd mentioned the SCOSTEP spaceweather initiative (through Boston college) and ICSU as possible funding sources for capacity building workshops

- c. Project 3, given by Dr. Yamamoto. Results were presented at the Prague meeting in 2011? That was supported by TG4. A special issue in JASTP is about to come out. This triggered a discussion of how to collect all TG4 and CAWSES-II publications, to demonstrate the success of CAWSES, but nobody knew how to do this because CAWSES doesn't provide funding for individual research.
 - d. Project 4, given by Dr. Kosch, with emphasis on aurorally generated waves. New Pansy radar in Syowa station. ISS-IMAP will be launched July 21, 2012! ESR-SDI campaign in 2 Feb 2010. Possibility to measure mesospheric ozone with standard TV satellite dishes at 11.072 GHz, integration time is about 6-10 hrs. Several new science results from observations in Scandinavia and Antarctica.
 - e. Project 5, given by Dr. Shiokawa (no project leader present). Improved lightning detection networks: WWLLN (Washington Univ.), ATDnet (MetOffice, UK), GEON/AVON (Hokkaido Univ., Japan); NHK Cosmic Shore Campaign for TLEs in July 2011. GLIMS (TLE observations) instrument on ISS (launch 21 July 2012)
- 6. Dr. Oberheide reminded everyone that CAWSES-II ends in 2013 and that the community needs to think about the new SCOSTEP program. Questions like science focus and organizational structure need to be addressed. Dr. Tsuda mentioned that the SCOSTEP planning has been made progress in terms of a new program but without giving details.
 - 7. New business was not brought up.
 - 8. Meeting adjourned.