

Geopotensial Terpadu 2014 Medan

Geomagnetic Workshop in Medan

(North Sumatra, Indonesia)

Hotel Sibayak Berastagi,

7-9 September 2014.

- Summary Report -

Mr. Rifwar as Chief of LOC Geomagnetic Workshop and Chief of Geomagnetic Observatory of Tuntungan conducted the *Workshop Geophysical Potential*, which was held in Brastagi Sumatra during 7-9 Sept. 2014. The workshop agenda was to discuss how to improve geomagnetic data quality and how to improve the dissemination of information so that more benefits flow into Indonesian society.

The workshop was attended by Dr. Masturyono as deputy geophysical BMKG, Mr. Untung Mardianto as Deputy of Instrumentation , Network and Calibration, Dr. Jaya Murjaya as Director of Center Geophysical potential and seismological engineering and throughout the chiefs of geophysical stations who have magnetometer instruments BMKG such as Tuntungan, Tangerang, Pelabuhanratu, Kupang, Manado and Jayapura.

Also in attendance were Dr. Akimasa Yoshikawa and Dr. Shuji Abe from ICSWSE (*International Center for Space Weather Science and Education*) of Kyushu University, Japan. They were invited as experts in the geomagnetic field. In addition, BMKG and Kyushu University are committed to working together for Capacity Building (training of people).

Several talks were given. The talks covered the following:

1. Improving the quality of geomagnetic data
2. The Development of Network Infrastructure for geomagnetic data management. This is cooperation between BMKG (weather bureau of Indonesia), ICSWSE (Kyushu University), STEL (Nagoya University) and LAPAN (space agency of Indonesia).
3. Development of a geomagnetic database.
4. Development of MAGDAS chain in Sumatra. This is a pilot project to build a cluster of monitoring stations in Sumatra for detecting earthquake precursors.

Attached below are:

- (1) List of Participants
- (2) Some photos of this event.

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24 September 2014.

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LIST OF PARTICIPANTS

1. DR. Masturyono, M.Sc. (BMKG Deputy of Geophysic) ; and staffs
2. Drs. Untung Merdijanto, M.Si (BMKG Deputy of Instrumentation, Calibration, Engineering and Communication Network) ; and staffs
3. DR. Jaya Murjaya (BMKG Head of The Center for Seismology Engineering, Potential Geophysic and Time Sign)
4. Drs. Herry Saroso (Head of The Center for Meteorology, Climatology, and Geophysic Region I)
5. Drs. Hasanudin (BMKG Head of The Field of Potential Geophysic and Time Sign)
6. Rahmat Triyono, ST. M.Sc (BMKG Head of The Field of Operations Development for Seismology Engineering, Potential Geophysic and Time Sign)
7. Rifwar Kamin, S.Si (Head of Tuntungan Geophysic Station)
8. Bambang SP., M.Si (Head of Tangerang Geophysic Station)
9. M. Hidayat, S.Si (Head of Bandung Geophysic Station / Pelabuhan Ratu Geomagnetic Post)
10. Sudaryono, S.Si (Head of Kupang Geophysic Station)
11. Slamet Suyitno R., M.Si (Head of Manado Geophysic Station / Tondano Geomagnetic Post)
12. Robert Owen Wahyu, S.Si (Head of Jayapura Geophysic Station)
13. Eridawati, SE (Head of Mata Ie Geophysic Station)
14. Sunardi, S.Kom (Head of Parapat Geophysic Station)
15. Gandamana Matondang, ST (Head of Onowaembo Geophysic Station)
16. Tiar Prasetya, S.Si, M.Sc (Head of Padang Panjang Geophysic Station)
17. Drs. Albertus Kusbagio (Head of Polonia Meteorological Station)
18. Ir. Tuban Wiyoso (Head of Sampali Climatological Station)

19. Drs. Sampe Simangunsong (Head of Belawan Meteorological Station)
20. Hendo Nugroho, ST, MT (STMKG)
21. Drs. M. Husni, Dipl. Seis (STMKG)
22. Dr. Suaidi Ahadi (MAGDAS Representative in BMKG)
23. Hendra Suwarta SP., S. Kom (Head of Data and Information in The Center for Meteorology, Climatology, and Geophysic Region I)
24. Hasanuddin Salman (Head of Observasion in Tuntungan Geophysic Station)
25. Margono, ST (Head of Administration in Tuntungan Geophysic Station)
26. Suhardi N. (Staff of Tuntungan Geophysic Station)
27. Emerson Limbong, S. Kom (Staff of Tuntungan Geophysic Station)
28. Roy Tulus Gultom, ST (Staff of Tuntungan Geophysic Station)
29. Wisnu Wardono, S.Si (Staff of Tuntungan Geophysic Station)
30. RB. Yanuar Harry WH, A.Md (Staff of Tuntungan Geophysic Station)
31. Robby Nelson M. Siagian (Staff of Tuntungan Geophysic Station)
32. Sri Hartatik, S. Kom (Staff of Tuntungan Geophysic Station)
33. Niken Waropalupi, A.Md (Staff of Tuntungan Geophysic Station)
34. Albertus Tua Simanullang, S. Kom (Staff of BMKG Center Region I)
35. Retno Agung Prasetyo Kambali, M.Si (Staff of BMKG Center Region I)
36. Marzuki Sinambela, MT (Staff of BMKG Center Region I)
37. Ardian Yudhi Octantyo, A.Md (Staff of BMKG Center Region I)
38. Christin Afrin Matondang, S. Kom (Staff of BMKG Center Region I)
39. Dr. AkImasa Yoshikawa, Lecturer (Kyushu University, Japan)
40. Dr. Shuji Abe (International Center for Space Weather Science and Education)



Meeting at Tuntungan Geomagnetic Observatory, with workshops participants.

BMKG Indonesia

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Seminar room, Sibyak Hotel Brasta



Opening ceremony, Geomagnetic Workshop



The Workshop Venu.





Preparation-setting Photo



Presentation by ICSWSE of 九州大学。



Dr. Masturyono, Deputy of Geophysics at BMKG, opens the Workshop



Dr. Masturyono
Deputy of Geophysic

Mr. Untung
Deputy of Infrastructure and Networking

Mr. Rifwar Kamin as LOC

Dr. Jaya Murjaya
Head of Center Geopotential BMKG

Mr. Hery Saroso
Head of Regional Office BMKG
Sumatra



