

**STUDY OF DISSEMINATION JUNIOR HIGH SCHOOL SCIENCE TEACHER
AT HULU SUNGAI SELATAN REGENCY AND THEIR SKILLS TO USE
LEARNING MEDIA**

Intan Rahmadani, Sri Hartini*, Mustika Wati, Chairil Faif Pasani

*Department of Mathematic and Natural Sciences Education, Faculty of Training Teacher and
Education, Lambung Mangkurat University*

**e-mail: t2n_fis@yahoo.com*

Abstract

We have researched the dissemination of junior high school science teacher at Hulu Sungai Selatan (HSS) regency and their skills to use learning media. Population of this research are all of science teacher junior high school at HSS regency and that sampel at SMPN 1 Daha Selatan, SMPN 2 Daha Utara, dan SMPN 6 Kandungan. This research used quantitative descriptive. The technique of collecting data used observation, questionnaire, and interview. The result shows that: (1) the dissemination of junior high school science teacher at HSS regency are uneven; (2) science teacher's skill to use learning media at SMPN 1 Daha Selatan, SMPN 2 Daha Utara and SMPN 6 Kandungan considered excellent.

Key words: dissemination, science teacher, learning media, HSS

INTRODUCTION

Teacher has a really important role in the continuity of education implementation. The professionalism of teacher affects the high and low achievement of students so being a professional teacher is a must in the education implementation. One of the parameters as a professional teacher is a teacher teaches a subject according to his field.

According to the report result of Otda News in 2013, the education authorities in Kabupaten Tabalong, South Kalimantan, has done data validation to rearrange the dissemination of junior high school teachers in Kabupaten Tabalong. That was because there were some schools that have over capacity of teachers in certain subject while in remote area have less teachers (Anonym, 2013).

What was happening in Kabupaten Tabalong's condition could be happening too in Kabupaten Hulu Sungai Selatan. The dissemination of teachers which is not evenly spread becomes the trigger of teacher has to teach the subject which is not his field. Despite, teachers are expected to be able using the learning media well and correctly because in learning process the existence of media could be a help of the material obscurity. However, the role of media will not be seen if the user is not in accordance with the content of formulated learning purpose (Djamarah& Zain, 2013).

Aljazeera Television report on February 22nd 2013 in program "101 EAST" explained the Pearson survey result that the education in Indonesia was on the worst rating in the world or in the 40th position of 40 surveyed countries in the world (Srie, 2013). The result shows the low of education in Indonesia and becomes a big question to one of the teacher competences in using learning media.

The purposes of this research are describing the dissemination of junior high school science teacher in Kabupaten Hulu Sungai Selatan. Furthermore this research also describing the

ability of science teacher in SMPN 1 Daha Selatan, SMPN 2 Daha Utara and SMPN 6 Kandangan in using the learning media.

RESEARCH METHOD

This research used quantitative descriptive. The quantitative descriptive is the research whose main purpose shows systematically the facts and characteristics of object or subject which is precisely researched (Sukardi, 2013).

The population in this research is the science teachers in junior high schools in Kabupaten Hulu Sungai Selatan which are 29 junior high schools. The sample is the science teachers in SMPN 1 Daha Selatan, SMPN 2 Daha Utara and SMPN 6 Kandangan.

The technique of collecting data used observation, questionnaire, and interview. Data Analysis using statistical techniques.

RESULT AND DISCUSSION

Science teacher dissemination

Table 1
Science teacher dissemination

No	School	Number of science teachers	Number of grade VII	Number of grade VIII	Number of grade IX
1	SMPN 1 Kandangan	4	6	6	5
2	SMPN 2 Kandangan	4	4	6	5
3	SMPN 3 Kandangan	5	5	5	5
4	SMPN 4 Kandangan	3	2	3	2
5	SMPN 6 Kandangan	3	1	1	1
6	SMPN 7 Kandangan	2	1	2	1
7	SMPN 8 Kandangan	1	1	1	1
8	SMPN 1 Simpur	3	2	2	2
9	SMPN 1 Kalumpang	1	2	2	2
10	SMPN 1 Sungai Raya	1	1	1	1
11	SMPN 2 Sungai Raya	3	1	1	1
12	SMPN 1 Angkinang	3	3	4	3
13	SMPN 2 Angkinang	3	6	4	4
14	SMPN 1 Telaga Langsat	3	1	2	1
15	SMPN 2 Telaga Langsat	1	2	1	1
16	SMPN 1 Padang Batung	5	3	5	4
17	SMPN 2 Padang Batung	2	1	2	1
18	SMPN 3 Padang Batung	1	1	1	1
19	SMPN 1 Loksado	1	1	1	1
20	SMPN 2 Loksado	1	1	1	1
21	SMPN 1 Daha Selatan	3	4	4	3
22	SMPN 2 Daha Selatan	2	3	4	3
23	SMPN 3 Daha Selatan	3	2	2	2
24	SMPN 4 Daha Selatan	1	1	1	1

25	SMPN 5 Daha Selatan	0	1	1	1
26	SMPN 1 Daha Utara	1	2	2	3
27	SMPN 2 Daha Utara	3	2	2	1
28	SMPN 3 Daha Utara	2	1	1	1
29	SMPN 4 Daha Utara	1	2	1	1
Jumlah		65	63	69	69

The science teacher dissemination in all junior high schools in Hulu Sungai Selatan are uneven. The schools in town have the most science teachers while the schools in remote area have less science teachers. This is because teachers cannot teach in those schools due to the difficult access. The access difficulty is because the teacher needs a long time to reach other education unit that needs more teachers for the same subject.

The less and over capacity of teachers in Kabupaten Hulu Sungai Selatan is better to be responded because it will affect the teacher's field in teaching. According to the professionalism requirements, Rahman & Amri (2014) said that teacher has to teach in his field. So that it needs teachers mutation from schools that have more science teachers to the schools that have less science teachers according to united rule of five ministers about the civil servant teachers arrangement and dissemination.

Skill to use learning media

Table 2
Indicators skill to use learning media

No	Indicators	SMPN 1 Daha Selatan	SMPN 2 Daha Utara	SMPN 6 Kandungan
1	The used learning media attracts students' interest so that it eases them to understand the learning material	6,5	6,5	8
2	Teacher serves the media on the right time, place, and situation,	5	7	6,5
3	The usage of media is well planned in learning program,	5	7	6
4	Media has surplus	7,5	6	7
5	Teacher serves the media in accordance with the learning material and time allocation and not only for filling up spare time and	7,5	7	7
6	Enough preparation before using the media. the average scores from two observers consecutively	6	6,5	6
Categorized		Excellent	Excellent	Excellent

The result for SMPN 1 Daha Selatan is categorized as "excellent". It means that teachers have used the learning media according to indicators, even though there were still some indicators that have not been implemented perfectly. It is also supported by the interview result from the students taught by the teacher. Meanwhile, the teachers in SMPN 1 Daha Selatan still rarely use the learning media.

The result for SMPN 2 Daha Utara is categorized excellent. It is supported by the

interview result that the teachers implemented every indicator on the variable by using the learning media well and using varied media so that it does not monotone.

The result for SMPN 6 Kandangan is categorized excellent. But the interview result states that the teacher uses computer too often as a media so the students are bored because of monotone media usage.

The ability of science teachers in SMPN 1 Daha Selatan, SMPN 2 Daha Utara and SMPN 6 Kandangan how to use the learning media is categorized as excellent. They have fulfilled all indicators that become the general principle of media making by Aqib (2013).

CONCLUSION AND SUGGESTION

The dissemination of science teachers in all junior high schools in Kabupaten Hulu Sungai Selatan is not evenly spread. The schools in town have the most science teachers while the schools in remote area have less science teachers. The ability of science teachers in SMPN 1 Daha Selatan, SMPN 2 Daha Utara and SMPN 6 Kandangan in using the learning media is categorized as "excellent".

Suggestion for Government in Department of Education and the Regional Employment Board Hulu Sungai Selatan Regency, as soon as possible to take mutation for Junior High School Teacher so equalization can be realized and then No more Junior High School that will be deficiency or excess Science Teachers.

REFERENCES

- Anonim. (2013). *Tabalong Tata Ulang Penyebaran Guru*. <http://www.otdanews.com/read-news-4-0-3209-tabalong-tata-ulang-penyebaran-guru.otdanews> .
- Aqib, Zainal. (2013). *Model-model, Media, dan Strategi Pembelajaran Kontekstual (Inovatif)*. Bandung: Yrama Widya.
- Djamarah, S.B & Aswan Zain. (2013). *Strategi Belajar Mengajar*. Jakarta: PT Rineka Cipta.
- Rahman, M & Sofan Amri. (2014). *Kode Etik Profesi Guru*. Jakarta: Prestasi Pustaka
- Srie. (2013). *Ketika Alazeera Ikut Bertanya: Mengapa Pendidikan Indonesia Terpuruk di Dunia*. <http://www.srie.org/2013/02/ketika-aljazeera-ikut-mengulas-mengapa.html>
- Sukardi.(2013). *Metodologi Penelitian Pendidikan*. Jakarta: PT Bumi Aksara.