Training on Various Geography Online Learning Assessments with Critical Spatial Thinking (CST) and Higher Order Thinking Skills (HOTS) at Senior High School

by Muhammad Nursa'ban, Muhsinatun Siasah Masruri, Nursida Arif

ABSTRACT

This community service aims to improve the ability of geography teachers to carry out a various online assessment of geography learning outcomes in an effort to improve their professionalism.

This service uses a training model through pragmatic theoretical and practical pragmatic-thematic methods that end with evaluation. The audience was 50 geography teachers from 14 provinces. The training was held on 2-4 October 2020 through G-meet, and an independent On the Job learning (OJL) assignment, for 31 lesson hours (JP). The speakers for the training are experts, consisting of geography education, evaluation of geography learning, and information technology according to the schedule of activities. Almost all participants use google-based cloud computing (90%) so that it is relevant to training materials that focus on "google classroom (GC)" as an online class template. The main assessment applications being trained are Google Form (GF) and "Quizziz". Training materials include: Series 1: Development of Online Learning Scenarios. Series 2. Online Learning Development Practices (GC, GF, G-meet). Series 3. Online Learning Media Development Practice (Quizziz, Slideshow PPT / Bandicam). All training series are related to the contents of High Order Thinking Skill (HOTS) and Critical Spatial Thinking (CST).

Evaluation results obtained: (1) the average attendance of participants in the activities for all sessions is 90%. (3) An initial description of the participants' abilities before the training: (a) 56% of participants have never played a role as a host/teacher in GC although they had designed it. (b) 78% of participants are familiar with the G-form application but most of them have not used it as a vehicle for assessment. (c) at least 51% of participants are not familiar with "quizziz" as an alternative to fun online assessment applications. (4) An overview of the participants' abilities after the training, namely: (a) most of the participants (≥84%) were able to make GC as a host/teacher in learning. (b) at least 80% of participants have used the G-form as a vehicle for their assessment. (c) 85% of participants can operate correctly to become proficient in the "quizziz" application as one of the online assessment applications. The various assessments used in the application in training are most of the forms of tests and others are non-tests. (5) Satisfaction level in the training: (a) some participants (≥ 76%) expressed a feeling of "satisfied" to "very satisfied" with the implementation of the training because it provided benefits to learning. (b) at least 71% feel "satisfied" to "very satisfied" with the service facilities in the activity. (c) most of the participants (78%) felt "satisfied" to "very satisfied" with the services of the committee and resource persons. (6) During the implementation of the training activities, there were no significant obstacles, because the program could be implemented as planned. Participants gave a positive response to the continuation of the advanced level training program.

Kata Kunci: *Assessment, geography, online, learning, HOTS, CST*