

# **DEVELOPMENT OF KIT FLUIDA PROTOTYPE WATERBOOM FOR SMA / MA PHYSICS TEACHER IN THE SPECIAL REGIONS YOGYAKARTA**

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## **ABSTRACT**

The main purpose of this PPM activity is to create a Waterboom Prototype tool to facilitate understanding of waterboom principles through demonstration activities.

The place of execution of activities carried out in Basic Physics Laboratory, Physics Education Department, Faculty of Mathematics and Natural Sciences, Yogyakarta State University and in one of the school laboratory in Yogyakarta Special Region. Site selection is based on the availability of the tools needed to develop, design and create the Waterboom Prototype tool. So it is expected to help improve the ability of teachers in developing, designing, and making especially related to waterboom participation through demonstration activities.

The results of community service activities show that the Waterboom Prototype tool has been created which can be used for demonstration based on the responses of some prospective teachers and physics teachers.

Kata Kunci: *Waterboom Prototype Tool, Waterboom Principle*