

Students of Geology UGM Win Competition in Malaysia

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Five UGM students have made an international achievement. Geology students, Ahmad Faizal Amin, Dwi Charisah Andriyani, Fauzy Habibie Akhyar, Diannovi Islamiyati, and Irsyam Widiyoko succeeded to be the winners of geological engineering competition, *Geoscience Exhibition and Competition 2017*, which was held from 17-18 July 2017 at Universiti Teknologi Petronas, Malaysia.

The students that joined Gama Cheetah team became the First Runner Up in the competition that was organised by American Association of Petroleum Geologist-Universiti Teknologi Petronas Student Chapter. The Gama Cheetah team presented their research entitled *Characteristics of Oligo-Miocene Volcanic Deposits of Semilir Formation and the Development of Normal Block Faulting in Compressive Regime at Gunung Sewu Geopark, Case Study around Road Construction Site at Nglanggeran Complex*. The team analysed the characteristics of volcanic deposits of the Semilir formation that has volcanic rock characteristics and sea sedimentation of the Oligo-Miocene period (20-25 million years ago).

The team also made a reconstruction of the geological structures that had developed overtime, impressing the juries with detailed data and sharp analysis. "You've passed a higher level of this competition of which we're very impressed," said Dr. Jose Antonio Games, one of the juries.



Besides, the juries also appreciated the Gama Cheetah team that had made innovation in presenting the data in three dimensional model. They adopted new technology using softwares of images that had been captured by a drone.

“The juries who are petroleum geoscience experts were impressed because it was the first time they saw a model that had actually been adopted from geodesy,” said Charisah.

Charisah said the win was the results of the hard work of the Gama Cheetah team.

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