

TWINCLE Program in UI: Academic and Cultural Learning Experiences



Unit I

Duration: 7th September - 21st 2014
 Visited Places: Universitas Indonesia, SMAN 1(Depok), SMAN10 (Jakarta),
 Kampung Wisata Cinangneng (Bogor)

Hiroshi KAWAKAMI*1, Yoshihiro MIWA*1, Temma YONEMOTO*1
 Daisuke OGASAWARA*2, Hirokazu TAKEI*2
 Shu TERUNUMA*2, Yuki YASUKAWA*2

Science Lesson

● Lesson Title
 Observing Invisible Things
 - Let's observe airflow -

● Objective
 Students are expected to:

- Understand visualization
- Widen their perspectives about the world

● Content

- Introduction to visualization, especially wind tunnels
- Experiment: Observing airflow using wind tunnels
- Introduction to 4D Shock Wave Research as a new visualization
- Conclusion

● Realization

- The students seemed to become interested in wind tunnels through discussions of its history and application.
- From the questionnaire result, wind tunnels helped them understand visualization and they got new knowledge through our lesson.
- The content was quite difficult for students to understand and they looked bored. We should have made it easier for them to understand.

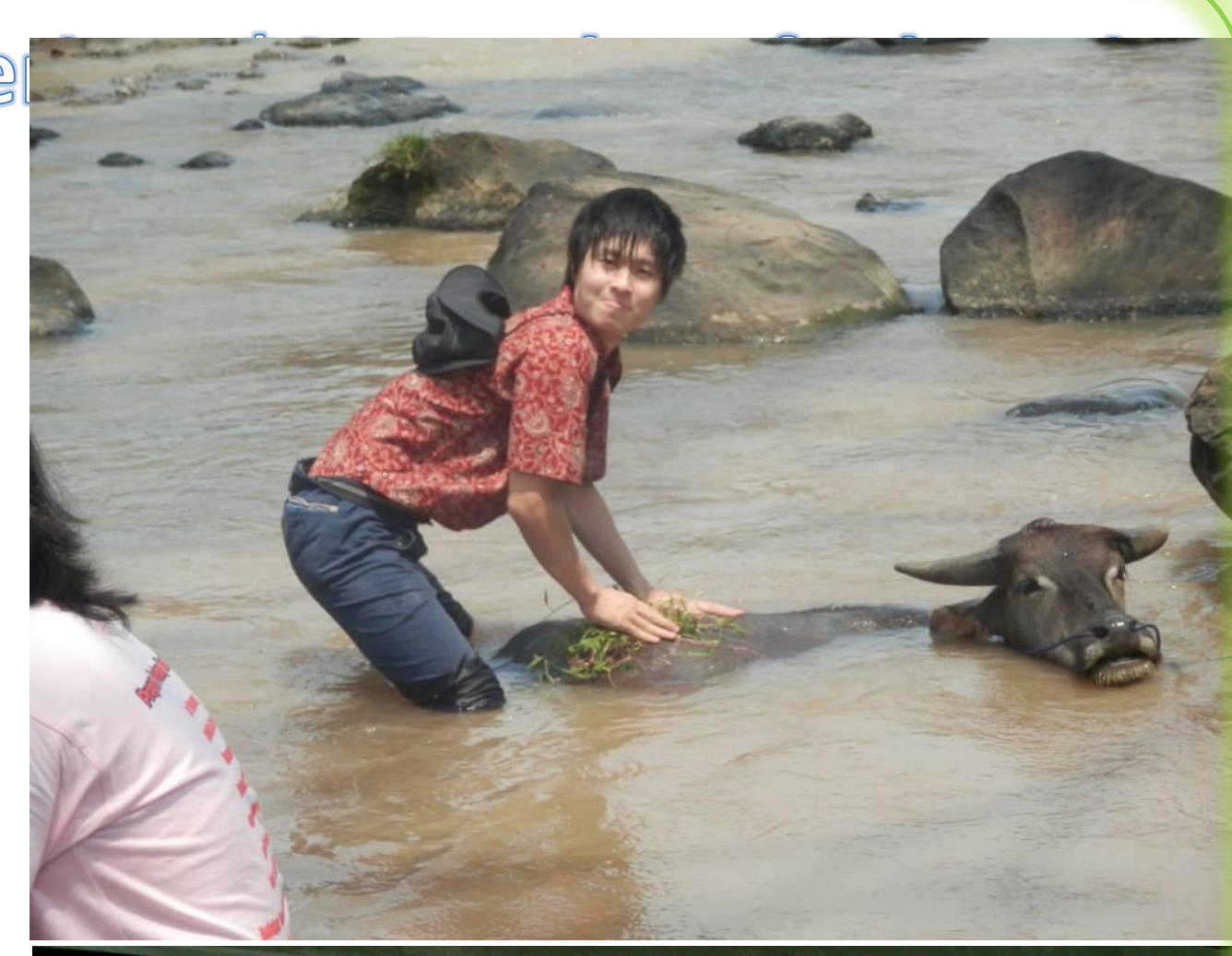


Indonesian Life

Place: Kampung Wisata Cinangneng

The Sundanese live in Cinangneng Village. They are an ethnic group native to the western part of the Indonesian island of Java. We experienced traditional Sundanese way of life.

For example, we washed a buffalo, played gamelan, had a traditional Indonesian dance and put on traditional Sundanese clothes.



Cultural Exchange

1. Saman Dance
 It is one of the most popular dances in Indonesia and normally performed to celebrate important occasions. They were dancing while singing and beating their bodies.



2. Angklung
 It is an Indonesian musical instrument made of bamboo. The way to play it is by shaking sideways and repeatedly held by one's hand holding by the other hand.



3. Bon Odori
 It is one of traditional Japanese dances. We introduced it to the students and danced together.



4. Discussions
 Some students seemed to be surprised at the differences between Indonesia and Japan. We also had great opportunities to know daily life in Indonesia through free talking time.



Teaching students was not easy for us, and in order to make our lesson better, we improved it many times even during the internship. Not everyone in our group will be teachers, but we will put our experiences in Indonesia to practical use in the future.