

# Japan Brand Program

## Scanning Technology for Cultural Heritage Preservation

Schedule: February 20-23, 2018      Site: Indonesia (Jakarta, ASEAN Secretariat)

### ■ Dispatched Expert



**Ari Ide, Ph.D**

**Professor, Graduate School of Engineering, Kyoto University**

Professor Ide came to Japan from Iran in 1973. After graduating from the Graduate School of Electrical and Electronic Engineering, Kyoto University, he joined the university as faculty member. More than 10,000 cultural heritage, including Japanese national treasures, world cultural heritage, and the world's best artworks, have been digitized with high-resolution scanner and image analysis system, both developed in his laboratory. His technology made possible the heritage be preserved precisely and semi-permanently as well as the materials used be analyzed from photographed data.

### ■ Review of Activities

#### ● **Jakarta**



With Mr. Hilmar, Director General, Ministry of Education and Culture, and Professor of Univ. from Indonesia



Scanning demonstration

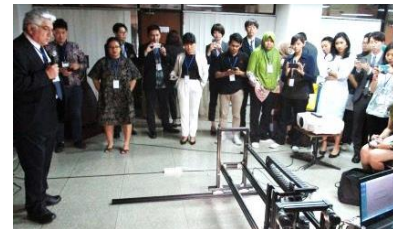


Participants from all parts of Indonesia, including local art museums

#### ● **The ASEAN Secretariat**



Lecture at the ASEAN Secretariat



Q&A session with secretariat and university staff



Introduction of the exhibit

### ■ Achievements

Professor Ide gave lectures and demonstrations during his visit in Indonesia. He introduced his research efforts in digitizing cultural heritage in Japan and abroad, using high-resolution scanner his lab-team developed. In his lectures, he explained the importance of proceeding with the digital archiving of cultural heritage, through accurate imaging of its current state, that might suffer aging degradation and damage, in order to utilize it in the fields of research and education as well as to succeed it to the next generation. In the demonstrations, using high-resolution scanner and image analysis system, he scanned and analyzed textile and pottery Indonesian participants provided. Many technical questions were asked by the audience who holds a great interest in culture, including those who work at museums. The event was covered by major local media. The Ministry of Education and Culture of Indonesia also requested Professor Ide to build collaborative partnership for cultural heritage digital archive using the scanning technology.