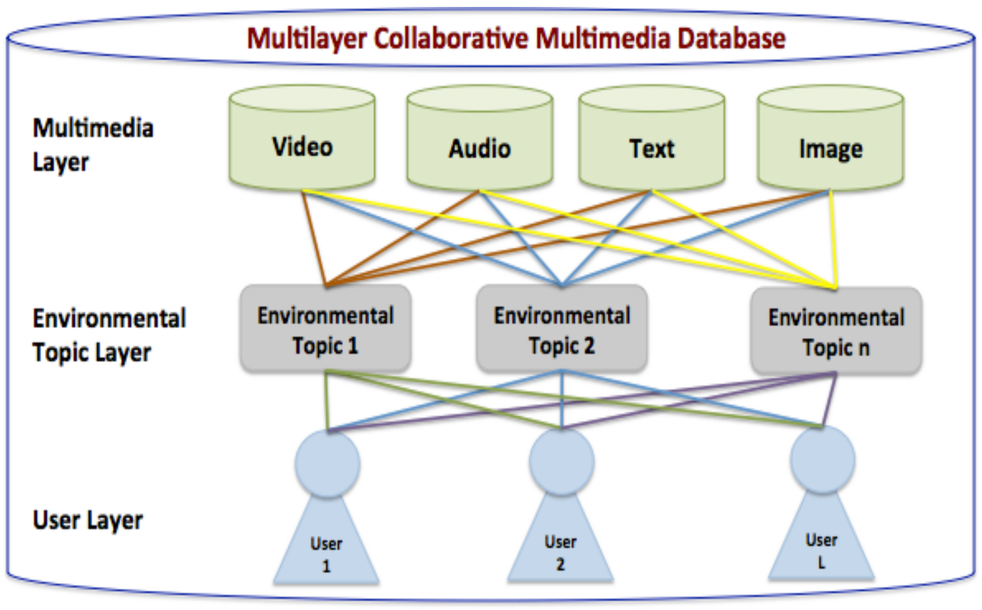
Visualization and Analysis of Global Environmental Change with Multimedia Retrieval

Diep Thi-Ngoc NGUYEN[1(*)], Shiori SASAKI[2] and Yasushi KIYOKI[3]
Graduate School of Media and Governance, Keio University, Japan
{[1]chupi, [2]sashiori, [3]kiyoki}@sfc.keio.ac.jp

KEIO Environmental Innovators

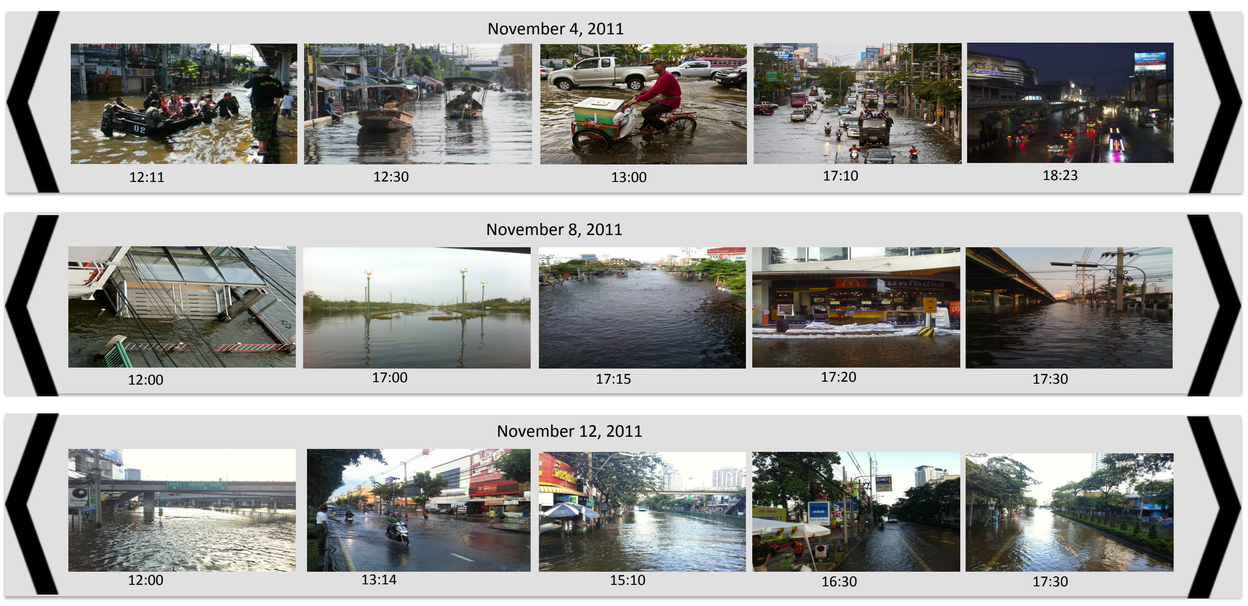
Objective

To construct a new cyber-physical collaborative research and education system for organizing, analyzing, and monitoring natural environment based on time-series multi-geographical views



Feature 1: Multilayer Collaborative Environmental Multimedia Database Creation

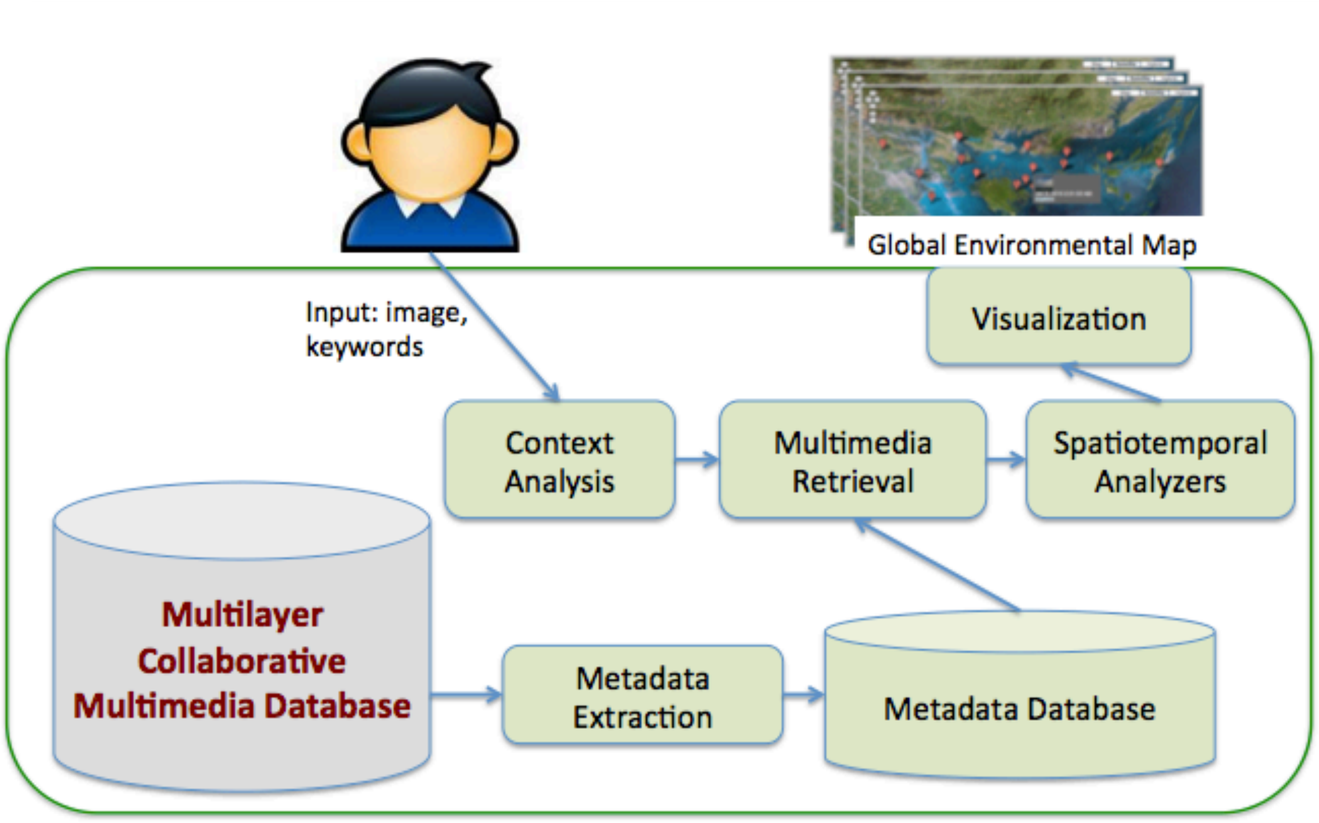
Feature 2: Global environment visualization



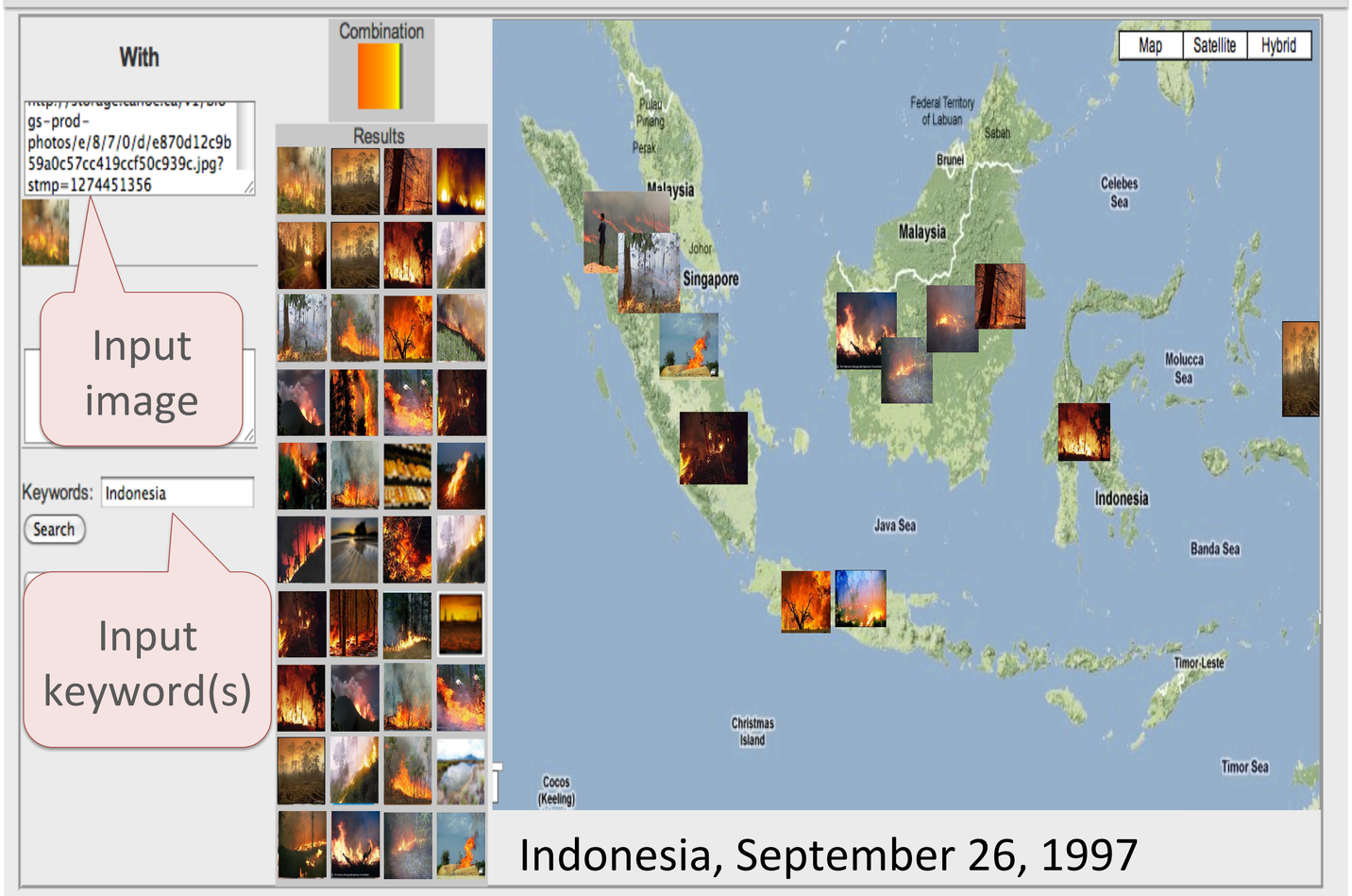
"Flood" in Bangkok on November 4th, 8th, and 12th 2011

Feature 4: Time-series visualization

System Overview

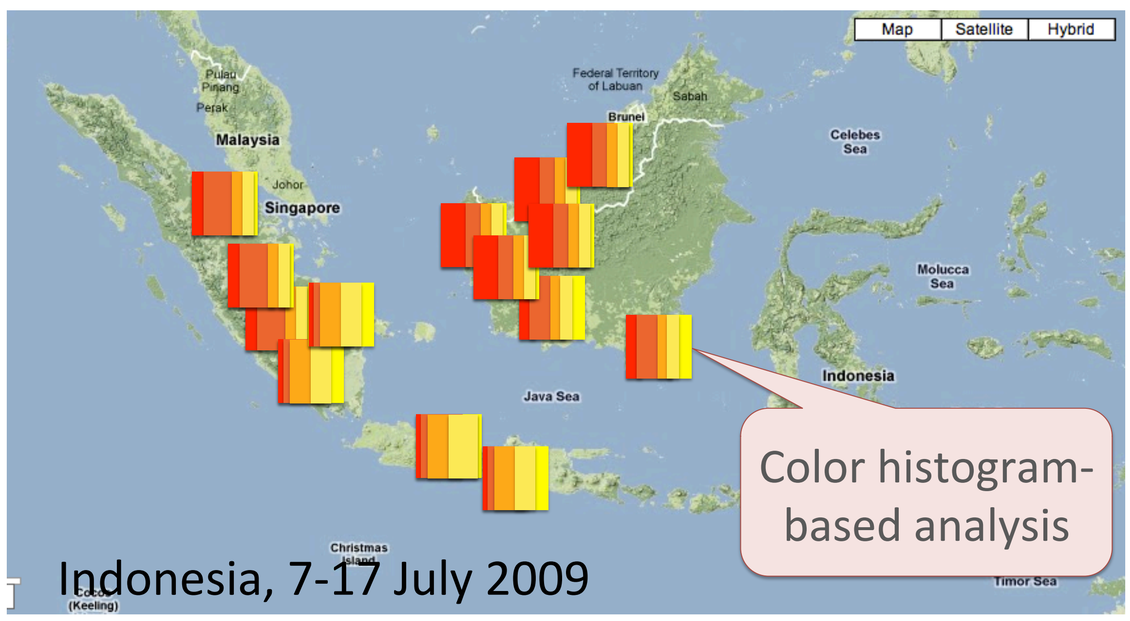


Global Environmental Map



Indonesia, September 26, 1997

Feature 3: Context-dependent multimedia retrieval



Indonesia, 7-17 July 2009

Feature 5: Spatiotemporal multimedia analysis

(*) presenter