

## Introduction to Using WOVOdat

Christina Widiwijayanti, Antonius Ratdomopurbo, Chris Newhall, Nang Thin Zar Win

Earth Observatory of Singapore, Nanyang Technological University, Singapore

E-mail: cwidiwijayanti@ntu.edu.sg

WOVOdat is a web-accessible database of worldwide historical volcanic unrest. Open user access will be launched during 2013 IAVCEI Kagoshima meeting, which allow registered user to navigate into WOVOdat website ([www.wovodat.org](http://www.wovodat.org)). Through this website, users will be able to obtain general information about WOVOdat and find 4 first-level menu selections:

- *Documentation*: Users may consult and download documentations (user manual, SQL schema, XML format, table formats). A WOVOdat installable standalone package is available for observatories that want to adapt WOVOdat for their own data management.

- *Volcano(data)*: Registered users will be able to interactively query the database and view volcano monitoring data set. Visualization tools in WOVOdat presently enable comparisons of processed monitoring data, e.g., earthquake hypocenters, displacements, and gas flux time series from different episodes of unrest from a single volcano, or from unrest of different but analogous volcanoes. The data set is still in an early stage of population, but contains enough data to show users its potential.

- *SubmitData*: Currently we offer 3 options for users to contribute data: (a) free format or original observatory format, (b) WOVOdat CSV standard format, and (c) Customary/known CSV format. Data can also be contributed using an online form and uploaded into SQL database following WOVOdat XML standard format.

- *Contact*: We invite scientists from volcano observatories, universities, and research institutions to participate in the growing of WOVOdat database by sharing their data and their expertise in developing visualization tools. The email address for the WOVOdat developer team is given under *Contact*.