

PROGRAM

DATE	TOPICS	REMARKS
Mon, 31 Oct	<p><i>Technical updates & team preparation: (Meeting Room N2-01b-30)</i></p> <p>RVO: new database system installed in laptop; data input practice</p> <p>PHIVOLCS & CVGHM: setup system for demo & tutorial on SEI2WOV, SWARM, and VALVE</p> <p>CVGHM & PHIVOLCS: WOVOdat localhost: current functions and what need to update</p> <p><i>Group discussion (Meeting Room N2-01b-30):</i></p> <p>Group discussion (split into 3 groups), preparing for Thursday presentation: <i>Case example of crisis response that has been done in the past, by using historical data and real time monitoring.</i></p> <ul style="list-style-type: none"> - How important were monitoring data in the decision? - Current concerns in regard to supports (archiving, processing, online access, etc.) for monitoring data availability? - What can be improved for preparing the next crisis? 	<p>Group homework:</p> <p><i>Case example of crisis response using historical data & monitoring data</i></p>
Tue, 1 Nov	<p><i>(Seminar room N2-01b-28, open session to volcano group)</i></p> <p>9:30 - 10:15 Opening/welcome WOVOdat current development and status (Fidel Costa)</p> <p>10:15 - 10:45 Coffee break</p> <p>10:45 - 11:30 PHIVOLCS: monitoring database & LAVA 11:30 - 12:15 CVGHM: monitoring database</p> <p>12:15 - 13:45 Lunch break</p> <p>13:45 - 14:30 CVGHM: MAGMA 14:30 - 15:15 CVGHM: Merapi Volcano Observatory 15:15 - 16:00 RVO: monitoring system & monitoring data in RVO</p> <p>16:00 - 16:15 Coffee break</p>	<p>Topic:</p> <p>Current status on Volcano Monitoring Database:</p> <ul style="list-style-type: none"> -From instruments to data storing/archiving -From data to report <p><i>(Workshop participants & volcano group are invited to have coffee break and lunch buffet, near the Seminar room)</i></p>

How to Optimize the Use of Volcano Monitoring Database

Earth Observatory of Singapore, 31 October - 4 November 2016

DATE	TOPICS	REMARKS
Tue, 1 Nov	<p>16:15 - 17:00 1st brainstorming (<i>Meeting Room N2-01a-12</i>): “Common framework & perspective: How to optimize the use of Volcano Monitoring Database”</p> <ul style="list-style-type: none"> - What is volcano unrest? - Evolving unrest - Defining and Detecting symptoms of unrest - Volcanic Unrest Index <p>16:15 - 17:00 Technical group (<i>Meeting Room N2-01b-30</i>):</p>	Topic: Volcano Unrest
Wed, 2 Nov	<p>(<i>Meeting Room N2-01b-30</i>) 9:30 - 10:45 PHIVOLCS: Tutorial and practice “data processing automation” SEI2WOV, SWARM2WOV, etc.</p> <p>10:45 - 11:15 Coffee break</p> <p><u>Technical group:</u> 11:15 - 12:15 2nd session Tutorial and practice “data processing automation” SEI2WOV, SWARM2WOV, etc.</p> <p><u>Non-technical group:</u> 11:15 - 12:15 free</p> <p>12:15 - 13:30 Lunch break</p> <p>(<i>Seminar Room N2-01b-28</i>) 13:30 - 14:15 WOVOdat new visualization tools (Tutorial and practice) 14:15 - 15:00 WOVOdat data search tools (Tutorial and practice)</p> <p>15:00 - 15:30 Coffee break <u>Technical group:</u> (<i>Meeting Room N2-01b-30</i>) 15:30 - 17:00 Optimizing: input data, data processing automation, visualization, data search, etc.</p> <p><u>Non-technical group:</u> (<i>Meeting Room N2-01a-12</i>) 15:30 - 17:00 2nd brainstorming “Data improve understanding & lead to better decision”</p> <ul style="list-style-type: none"> ⇒ Data flow for the future reference ⇒ Data Virtualization ⇒ Data search engines ⇒ User interface, applications and decision process 	Tutorial and Practice

