SUPPLEMENTARY FIGURES S1-S3

For:

The 2017–18 activity at Mount Agung in Bali (Indonesia): Intense unrest, monitoring, crisis response, evacuation, and eruption.

By: Syahbana, D.K.^{1*}, Kasbani, K.¹, Suantika, G.¹, Prambada, O.¹, Andreas A.S.¹, Saing, U.¹, Kunrat, S.L.¹, Andreastuti, S.¹, Martanto,

M.¹, Kriswati, E.¹, Suparman, Y.¹, Humaida, H.¹, Ogburn, S.², Kelly, P.², Wellik, J.², Wright, H.², Pesicek, J.², Wessels, R.², Kern, C.

², Lisowski, M.², Diefenbach, A.², Poland, M.², Beauducel, F.^{1, 3, 4}, Pallister, J.², Vaughan, R.G.⁵, Lowenstern, J.B.²

¹Center for Volcanology and Geologic Hazards Mitigation, Geological Agency, Ministry of Energy and Mineral Resources, Bandung, Indonesia

² U.S. Geological Survey, Volcano Disaster Assistance Program, Vancouver, WA, USA

³ Institut de Physique du Globe de Paris (IPGP), Paris, France

⁴ Institut des Sciences de la Terre (ISTerre/IRD), Grenoble, France

⁵ U.S. Geological Survey, Astrogeology Science Center, Flagstaff, Arizona, USA

^{*}Corresponding Author: <u>devy.syahbana@gmail.com</u>



Figure S1. Complete series of ASTER maximum radiance values from the crater, with pre-unrest maximum radiance (8.7 W/m/µm/sr) plotted as dashed line. Red inset box shows the portion of data plotted on Figure 2h. The increase in thermal radiance beginning in August 2018 corresponded to an increase in fumarolic activity coincident with peak seismic unrest.



Figure S2. Home page of the MAGMA Indonesia web application, showing an index map of Indonesia region, with symbols for all volcanoes (color coded for Alert Level), as well as earthquake epicenters and landslide locations. This image shows activity on 23 May 2018.



Figure S3. Example of Alert Level Change from Level IV to Level III within the Magma Indonesia website for the change made on 10 February 2018.