

## **Alfredo Mahar Francisco LAGMAY**

*Professor, National Institute of Geological Sciences, University of the Philippines*

Dr. Alfredo Mahar Francisco A. Lagmay is an Academician of the National Academy of Science and Technology (NAST) and Professor at the National Institute of Geological Sciences, University of the Philippines. He is currently the Executive Director of the DOST Nationwide Operational Assessment of Hazards (NOAH, DOST's flagship program for disaster risk reduction and management. He received his Bachelor's and Master's degrees from the University of the Philippines and holds a Ph.D. degree in Earth Sciences from the University of Cambridge (2001). He was a visiting scientist at the Geophysics Department of Stanford University from April 2006 to March 2007. His work is focused on volcano-tectonics, fluid dynamics of volcanic flows, remote sensing, and Permanent Scatterer Interferometry of faulted regions. Upon receiving his Ph.D., he returned to the Philippines and has been involved in numerous research efforts related to natural hazards. He lectures on Philippine Disasters by virtue of having hands-on experience in search-and-rescue and forensic analyses of major Philippine catastrophes. These include the lethal Mindoro, Iloilo, Pampanga floods, Guinsaugon landslide, Mayon lahars, and the Ondoy, Pedring/Quiel, Sendong, Habagat, Pablo and Yolanda disasters. He is a recipient of the Presidential citation for search and rescue work in Guinsaugon and the 2008 Outstanding Research Award for advanced science and technology in the Philippines for innovative applications of space technology. He was also awarded the 2008 and 2011 University Scientist awards, the 2012 New Media digital heroes award and the 2012 Cyberpress best IT product of the year for development of the Project NOAH website and mobile tools. On June 20, 2013 he was presented with the Professional Regulation Commission (PRC) Outstanding Professional of the Year Award in the field of Geology for his accomplishments. In the same year, he received the 2013 Outstanding Filipino award (TOFIL), an honor given by the Junior Chamber International (JCI) Senate Philippines to Filipino men and women whose exemplary achievements are worthy of emulation. In 2014 and 2015, RED Alert, a radio program that he anchors, was recognized by numerous awarding bodies including the Catholic Mass Media Award (CMMA), Philippine Quill Awards and the Hildegard awards. He also received in 2015, on behalf of the development team of the ARKO mobile app, the World Summit Award (WSA) for best mobile app for m-inclusion and empowerment. Also in the same year of 2015, Dr. Lagmay has also been awarded with the Plinius Medal by the European Geosciences Union or EGU for outstanding achievements in interdisciplinary natural-hazard research and natural-disaster engagement in the Philippines. He is also the first Asian to receive such an honor. With his wide range of experience and expertise in Geology and disaster science, he continues to serve the Filipino people by conducting work in areas stricken by disaster. His most recent work covered the 2013 Bohol Earthquake and the 2013 Yolanda/Haiyan Super typhoon. A consultant for World Bank and USAID, Dr. Lagmay is a leading international scientific expert on natural hazards. He has published more than 50 peer-reviewed journal articles, mostly in international ISI journals. Also an editor and regular reviewer of scientific manuscripts in world-class journals, he maintains a reputable status in his field of expertise in the international scientific community.