



# ADRC Highlights

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## ● ADRC Visiting Researcher Report

### Ms. Azis Mazni (Malaysia)

My name is Mazni Azis and I am from Malaysia. I'm married and have two sons. Malaysia is the one place where all the colors, flavors, sounds, and sights of Asia come together. No other country has Asia's three major races, Malay, Chinese, and Indian, plus various other ethnic groups in large numbers. Geographically, Malaysia lies close to the equator and has a tropical rainy climate, with high temperatures, abundant rain, and high humidity throughout the year. Furthermore, Malaysia's rain forest is considered to be the oldest in the world and the country has many scenic locations, including beaches, islands, and the rain forest.



I earned my B.Sc. in Physics from the National University of Malaysia in 2005 and completed my master's degree in Disaster Management Policy at the National Graduate Institute for Policy Studies in Japan in 2011.

Currently I'm working as a Senior Assistant Director of the National Weather and Geophysics Operation Center of the Malaysian Meteorological Department (MMD). Positioned under the Ministry of Energy, Science, Technology, Environment and Climate Change (MESTECC), the MMD is responsible for ensuring homeland security in Malaysia against disasters and threats posed by climate change, extreme weather, earthquakes and tsunamis. MMD is committed to enhancing its products, services, and efforts to protect the public interest and to achieve its vision to be among the best meteorological, climatological, and geophysical service centers in Asia by 2020.

As Senior Assistant Director of the National Weather and Geophysics Operation Center, I am responsible for ensuring that earthquake and tsunami monitoring and analysis systems function well and that earthquake information and tsunami advisories and warnings are disseminated as quickly as possible. I'm also involved in raising public awareness and conducting drills related to extreme weather, earthquakes, and tsunamis.

I'm really interested in participating in the ADRC Visiting Researcher Program because I want to learn more about how Japan handles disaster risk, and to gain knowledge and experience on best practices in disaster risk management that I can share and practice in my country.

Finally, I would like to express my special thanks to the government of Japan for funding this program and express a million thanks to all the staff at ADRC for their constant encouragement, support, and help during my program.

Thank you.

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## ● Participation in International Conferences

### APEC 12th Senior Disaster Management Officials Forum Held in Kokopo, Papua New Guinea

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The 12th Asia Pacific Economic Cooperation Senior Disaster Management Officials Forum (SDMOF) was held in Kokopo, East New Britain, Papua New Guinea on 25 and 26 September 2018. The agenda of the Forum focused on issues around early warnings. Koji Suzuki, Executive Director of ADRC, gave a presentation on space-based technology applications for early warning systems. The Japan task force is planning on studying the use of the Quasi Zenith Satellite System (QZSS) for early warnings. Through QZSS, you can deliver the early warning message to a particular area or a point on the ground even on the mountain by specifying the target with longitude and latitude data. QZSS signals containing early warning messages can be received using a small receiver, which can be loaded onto smart phone or sign board. Messages can be received via both text and voice, and can be received even when ground-based telecommunication systems are out of service. The ADRC presentation at the Forum introduced this technology and outlined plans to conduct feasibility studies with partners from Asia and the Pacific region.

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